



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
1	00.1.00	no fix	2004-08-12	All	1000 Mbit half duplex is not possible on gigabit ports.	Use full duplex mode.	Hardware related problem.
2	00.1.00	no fix	2004-09-07	All	Statically assigned multicast addresses are not propagated via GMRP.	No mandatory function in IEEE802.1p standard.	No fix planned.
3	00.1.00	03.0.00	2004-09-07	All	GMRP ForwardAllGroups is not supported.	-	Fixed in release 03.0.00.
4	00.2.00	no fix	2005-03-02	L2E L2P MS20/30	There is no PTP intermodule synchronisation possible between modules on the main backplane and modules on extension backplane MB-2T.	Use only the first 16 ports for PTP.	No fix planned.
5	00.1.00	01.0.04	2005-07-11	All	The bridge MIB table dot1dTpFdbTable is not supported.  The bridge MIB table dot1dTpFdbTable is now supported from SW version 02.0.00 on but not for previous versions.	Use instead the MIB table dot1qTpFdbTable from the RFC2674 standard.	Fixed for VLAN1 in release 01.0.03SE, 01.0.04, 01.5.01. Since sw version 02.0.00 fixed for all VLANs.
6	00.1.00	01.0.03	2005-08-02	L2E L2P MS20/30	Cable diagnostic does not work on MICE Realtime modules with copper cable.	For cable diagnostic use a twisted pair module without realtime enhancement.	Fixed in release 01.0.03.
7	00.1.00	no fix	2005-08-31	All	If Spanning Tree is disabled, the switch will not forward Spanning Tree frames (BPDUs) that were received with a VLAN Tag. This behaviour is compliant with the Standard IEEE802.1D.	-	No fix planned, the behaviour is compliant with the Standard IEEE802.1D.
8	01.0.00	no fix	2005-09-12	All	No link can be established with some older 10 Mbit HDX devices when flowcontrol and autonegotiation are active and there is some load in the network.	Disable flowcontrol on this port.	Hardware related problem.
9	01.0.00	01.0.01	2005-09-12	All	Script file names on the Auto Configuration Adapter (ACA) are handled case sensitive.	To find out the actual file name of a script on the ACA, use the CLI command #script list aca.	Fixed in release 01.0.01.
10	01.0.00	no fix	2005-09-19	L2E L2P Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	If the signal contact is forced by management, the "Fault" LED does not show error conditions any more.	If the the status of the LED is relevant, do not use the manual setting of the signal contact.	No fix planned.
11	00.1.00	no fix	2005-09-19	L2P L3E L3P MS4128 (PowerMICE)	Do not use more then 100 VLANs if GMRP is activated.	-	No fix planned.
12	00.1.00	no fix	2005-09-27	All	Flow Control in halfduplex mode (backpressure) is not available.	Backpressure not part of IEEE802.3 standard.	Hardware related problem.
13	01.0.00	no fix	2005-10-04	L2E L2P MS20/30 RS20/30/40	Tagged broadcasts are always forwarded with priority 0.	-	No fix planned.
14	00.1.00	01.0.03	2005-10-12	All	A power supply interruption while saving a configuration can cause problems when loading this configuration.	Make sure that the configuration is completely saved before interrupting the power supply.	Fixed in release 01.0.03.
15	01.0.00	01.0.03	2005-10-12	L2E L2P MS20/30	Within the redundant ring coupling port 1/3 is the default control port and port 1/4 is the default data port. These ports are not available on MS30.	Use other ports that are available.	Fixed in release 01.0.03.
16	01.0.00	no fix	2005-10-24	All	The default setting of redundant ring coupling has been changed regarding the existing devices. It is now inband (without standby cable).	-	No fix planned.
17	00.1.00	03.0.00	2005-10-31	All	The passwords for the SNMP-, CLI- and Webaccess can not be longer than 8 characters.	Use passwords not longer than 8 characters.	Fixed in release 03.0.00.
18	00.1.00	03.0.00	2005-11-03	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If the Web Interface is not accessed by means of the agent's IP address but by means of one of the router interfaces' addresses, you have to ensure that you use the IP interface that is in the same subnet as the management workstation. Otherwise, web access is not possible because the agent will respond with the wrong IP address.	Start the Web Interface as a standalone application.	Fixed in release 03.0.00.
19	01.0.00	01.0.01	2005-11-08	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	When applying CLI scripts, VLAN interfaces will not be loaded correctly. Possibly, parts of the configured VLAN router interfaces will be lost.	-	Fixed in release 01.0.01.
20	00.1.00	no fix	2005-11-08	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	When using VLAN-Routing, the VLAN router interfaces always report the data rate of 10 Mbit/s. This may affect the selection of routes in combination with OSPF because OSPF evaluates the VLAN router interfaces' data rates and possibly gets a too small data rate. The real routing performance is not impaired.	Configure the OSPF costs for a VLAN routing interface manually.	No fix planned.
21	00.1.00	01.0.01	2005-11-17	All	The CLI doesn't show the global flowcontrol configuration with the command "show running-config".	The configuration is also shown with the CLI command "show storm-control".	Fixed in release 01.0.01.
22	00.1.00	01.0.03	2005-11-17	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	Only 255 VLANs are supported. The device reboots if more VLANs are configured.	Use only 255 VLANs maximum.	Reset fixed in release 01.0.03.
23	00.1.00	01.0.01	2005-11-17	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	When deleting a routing interface on which VRRP has been configured, it is possible that other VRRP interfaces are also not shown anymore. However, the VRRP redundancy is guaranteed further on. In the Web Interface, a VRRP entry can only be deleted if the respective entry was deactivated beforehand by means of the Admin state.	-	Fixed in release 01.0.01.
24	00.1.00	01.0.01	2005-11-17	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	At maximum, only 20 VRRP instances can be saved to NVRAM.	-	Fixed in release 01.0.01.
25	00.1.00	01.0.01	2005-11-18	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	When a Redundancy Manager has its HIPER Ring ports configured as VLAN router interfaces, the redundant connection is re-established after an interruption and the Redundancy Manager then switches back to normal, OSPF may cause additional interruptions for layer 3 traffic.	-	Fixed in release 01.0.01.



## List of issues

### Classic Platform Software

ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
26	00.1.00	01.0.02	2005-12-06	L2P L3E L3P MS4128 (PowerMICE)	After a software update to version 01.0.00, a link error can be shown on an interface that is not present.	Delete and then save the configuration again.	Fixed in release 01.0.02.
27	00.1.00	01.0.02	2005-12-15	All	A reset of HIPER-Ring switches with the message log "S_watson_HIPER_RESET" can occur under rare circumstances when a SNMP access is made while sending a trap.	Disable the trap mechanism.	Fixed in release 01.0.02.
28	00.1.00	01.0.02	2005-12-15	All	The access of some special MIB tables may cause memory loss.	-	Fixed in release 01.0.02.
29	01.0.00	01.0.03	2005-12-16	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	Under some circumstances the HIPER ring redundancy manager activates the redundant line during a software update.	Disconnect the redundant link while updating.	Fixed in release 01.0.03.
30	01.0.00	01.0.04	2006-01-04	L3E L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If a static route is configured with a preference of 255, it will never be entered into the routing table. This behaviour is correct, since 255 means "unreachable".	Set the preference to a smaller value (e.g. 254).	Fixed in release 01.0.04, 01.5.01.
31	00.1.00	01.0.03	2006-01-16	All	In the web interface it is not possible to set a static MAC address filter for VLANs with ID 1025 and greater although the allowed range is 1-4042.	Use CLI or HiVision to set a address filter with VLAN ID 1025 and greater.	Fixed in release 01.0.03.
32	00.1.00	05.0.00	2006-01-17	All	Excessive electromagnetic interferences onto ACA 21-USB may cause some memory loss and a reset under certain conditions.	Reduce the electromagnetic interferences or remove the ACA 21-USB.	Fixed in release 05.0.00.
33	00.1.00	01.0.03	2006-01-17	All	Frequent access onto ACA 21-USB may cause some memory loss and a reset under certain conditions.	Disable the ACA status monitoring and avoid frequent read or write accesses onto the ACA 21-USB.	Fixed in release 01.0.03.
34	00.2.00	01.0.03	2006-01-19	All	The standard for IGMPv1 forbids the IGMP querier election, i.e., a IGMP querier can never be disabled by another querier. This standard is violated and the IGMP Querier Election is also performed for IGMPv1.	Use IGMPv2 or higher.	Fixed in release 01.0.03.
35	00.2.00	01.0.03	2006-01-19	All	When receiving DVMRP or PIMv1 packets, the IGMP snooping implementation performs a Querier Election.	-	Fixed in release 01.0.03.
36	00.1.00	01.0.03	2006-01-23	L2E L2P MS20/30	No data is transferred over MICE AUI ports.	Use instead a UTDE to connect to a twisted pair port.	Fixed in release 01.0.03.
37	01.5.00	01.5.02	2006-01-25	L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If certain IP multicasts are received on a VLAN router interface where multicast routing is enabled, these multicast frames are sometimes duplicated. This applies only to IP multicasts that are mapped to a certain MAC address range (01:00:5E:00:00:00 - 01:00:5E:00:00:FF).	Do not use these IP multicast addresses.	Fixed in release 01.5.02.
38	01.5.00	02.0.00	2006-01-25	L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If IGMP is globally enabled on a router, received IGMP packets will only be routed to a VLAN if IGMP Snooping is also enabled on this interface.	If IGMP is enabled, always enable IGMP Snooping, too. Starting at release 01.5.01, this is handled automatically.	Fixed in release 02.0.00.
39	00.1.00	01.0.03	2006-02-06	L2E L2P MS20/30	10Base-FL ports can not be switched to half duplex mode.	Use twisted pair ports to connect shared segments.	Fixed in release 01.0.03.
40	01.0.02	no fix	2006-02-09	L2E L2P Octopus 8M/16M/24M Octopus OS20/30	Autocrossing is not active on Octopus ports with forced speed.	Use instead the autonegotiation mode.	No fix planned.
41	01.0.00	02.0.00	2006-02-20	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	The english help text in the web interface mentions Link Aggregation although this function is not yet implemented on RS/MS/Octopus.	Uncritical.	Fixed in release 02.0.00.
42	00.1.00	01.0.03	2006-02-21	All	Activating IGMP Snooping will also automatically enable the IGMP Querier function.	Deactivate manually the querier function if you don't use it.	Starting at release 01.0.03, the IGMP Snooping Querier function is disabled per default.
43	01.0.00	01.0.03	2006-02-21	All	If a DHCP server sends a path to a remote configuration, not all parameters are loaded from that file.	Save configuration locally or use ACA21-USB.	Fixed in release 01.0.03.
44	01.5.00	01.5.02	2006-02-22	L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If non-routable IP multicasts are received on a VLAN router interface with multicast routing enabled, these frames are not switched within the VLAN. Non-routable IP multicasts are e.g., packets with TTL=1, invalid MAC address, CRC errors.	-	Fixed in release 01.5.02.
45	00.1.00	01.0.04	2006-03-02	All	Hirschmann extensions within the DHCP relay agent for topology dependent ip address assignment using DHCP option 82 will work only for management VLAN 1.	Is DHCP relay activated and usage of DHCP option 82 intended use management VLAN 1.	Fixed in release 01.0.04, 01.5.01.
46	00.1.00	01.0.05	2006-03-08	All	Private MIB: hmlfaceUtilization returns wrong value.	Multiply the returned value with 100.	Fixed in release 01.0.05, 01.5.01.
47	01.0.03	01.0.04	2006-03-10	All	In overload situations low priority protocols might not get buffers for packet transmission. This is the normal behavior to guarantee the stability of the network. The classification of such an entry as high priority in event_log is wrong.	Uncritical.	Fixed in release 01.0.04, 01.5.01.
48	00.1.00	01.0.04	2006-03-10	All	System with RM active might reboot if hiper ring ports are moved to ports which are occupied by ring coupling.	Delete Ring Coupling or select different ports before moving Hiper Ring ports to these ports.	Fixed in release 01.0.04, 01.5.01.
49	01.0.00	01.0.05	2006-03-20	L2E L2P MS20/30	The DIP switch for the ring ports on the MS20 sets either ports 1 + 2 on module 1 or ports 5 + 6 on module 2.	Deactivate the DIP switches and configure the ringports in software mode.	Fixed in release 01.0.05, 01.5.01.
50	01.0.04	01.0.05	2006-03-23	All	The CLI show command in the user mode provides all subcommands as in the privileged mode. This may show sensitive information and in principle enable the user to indirectly get elevated privileges.	Set the readonly community to a value different from the default (public).	Fixed in release 01.0.05, 01.5.02.
51	01.0.04	01.0.05	2006-03-28	L2E L2P MS20/30	IEEE1588 MICE Modules MM3-xxx-RT are not recognized any more.	-	Fixed in release 01.0.05, 01.5.02.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
52	00.2.00	01.5.02	2006-03-31	All	Static multicast address entries used for control packets could be overwritten in the multicast forwarding table by protocols like IGMP Snooping, GMRP or static entries. This could cause malfunctions for the protocols RIP, OSPF, VRRP, PIM, VMP on VLAN based router interfaces.	Deactivate IGMP Snooping and GMRP on VLAN based router interfaces.	Fixed in release 01.5.02.
53	01.0.00	02.0.00	2006-04-05	L2B L2E L2P RS20/30/40	In the device picture in the webinterface the linkstatus on optical ports is not updated.	Start the webinterface again.	Fixed in release 02.0.00.
54	01.5.02	01.5.03	2006-04-07	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If, after a "clear config" command, a HiperRing is created first and multicast routing is enabled for vlan 1 after that, it is possible that the ring does not reconfigure itself, causing a continous loop condition.	Save the configuration and reboot the router. After that the HiperRing works correctly.	Fixed in release 01.5.03.
55	00.2.01	01.5.03	2006-04-10	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	The two partners of a ring coupling in dual configuration could not find each other if the ports of one of the HiperRings are configured as aggregated links. This could cause long failover times if a coupling link failed and could also cause short loops when the link comes up again.	-	Fixed in release 01.5.03.
56	01.5.00	01.5.03	2006-04-10	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If PIM-DM is used in a subnet with more than two routers (such as a HIPER-Ring) and those routers have additional connections between each other (such as redundantly coupled layer 2 networks), many of the multicast streams could be unnecessarily and permanently flooded in the subnet with more than two PIM routers.	-	Fixed in release 01.5.03.
57	01.5.00	01.5.03	2006-04-13	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If more than 3 DVMRP-Routers are connected to a subnet (for example within a HIPER-Ring), it is possible that the routing paths do not stabilise. This could result in unwanted extra multicast traffic within that subnet.	-	Fixed in release 01.5.03.
58	01.5.00	01.5.03	2006-04-13	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If one of multiple routers with a connection to one multicast receiver network is removed, the sending switch could flood multicast streams to the remaining routers connected to that network.	-	Fixed in release 01.5.03.
59	01.0.00	no fix	2006-04-19	L2E L2P MS20/30 RS20/30/40	Portmirroring in combination with redundancy protocols can cause Loops when the traffic from the main line is mirrored to the redundant line or vice versa.	Do not mirror traffic to ports where redundancy protocols are activated.	No fix planned.
60	01.0.00	01.0.06	2006-04-26	All	Warmstarts can occur when LLDP and SNTP are activated at the same time.	Deactivate LLDP or SNTP.	Fixed in release 01.0.06 and 01.5.04.
61	01.0.00	01.0.07	2006-05-23	L2B L2E L2P RS20/30/40	The webinterface shows an error in the system dialog on RS20-24 devices with optical uplinks.	-	Fixed in release 01.0.07.
62	02.0.00	02.0.02	2006-06-01	L2E L2P MS20/30 RS20/30/40	When trunk member ports are disabled, they are not in the trunk again after enabling them.	-	Fixed in release 02.0.02.
63	01.5.00	01.5.05	2006-06-07	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If a physical port is member of more than one VLAN router interface, then the RPF check may fail. This will result in IP multicast routing loops.	-	Fixed in release 01.5.05.
64	01.0.00	01.0.08	2006-06-22	L2B L2E L2P RS20/30/40	Under certain circumstances the gigabit port 1/1 doesn't send broadcasts, static multicasts and with IGMP Snooping or GMRP learned multicasts any more.	-	Fixed in release 01.0.08.
65	01.0.00	02.0.00	2006-07-11	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	On devices with more than 10 ports, the flowcontrol feature, does not work correctly, depending on the port combination.	-	Fixed in release 02.0.00.
66	01.0.00	02.0.00	2006-07-27	All	Under some circumstances there can be software reboots with the log message "Stack critical" if many traps have to be sent at the same time (e.g., Link changes on several ports).	Turn off trap transmission.	Fixed in release 02.0.00.
67	01.0.00	02.0.01	2006-07-27	All	If there are "forward all" or "static query" ports defined in IGMP snooping, a learned filter remains active until the protocol or the "forward all" / "static query" ports are switched off.	-	Fixed in release 02.0.01 .
68	00.1.00	02.0.02	2006-07-28	All	The configured RSTP path costs in the webinterface are lost after a link break or reboot.	Set in CLI "external path cost" in the configure mode with the command "spanning-tree mst 0 external-cost x".	Fixed in release 02.0.02.
69	00.1.00	02.0.00	2006-07-31	All	The configuration of the RMON alarms are not saved and so they are lost after a software reboot.	-	Fixed in release 02.0.00.
70	01.0.00	no fix	2006-08-02	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	Under some circumstances there can be a permanent connection loss, when a switch half duplex port is connected to a fullduplex device. Since release 03.0.00 the situation is solved through an automatic warmstart and a log message with S_switch_WORKAROUND_RESET is made.	Make sure, that on both sides of the connection the same duplex mode is used.	No fix planned.
71	01.0.00	02.0.00	2006-08-02	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If only router interface IP addresses were configured on a router but no management IP address, the SNTP server did not start correctly and stopped immediately. The web interface and the cli show SNTP as disabled again. S_snmp_SERVER_SOCKET_MULTICAST was written to the eventlog.	Configure any management IP address	Fixed in release 02.0.00.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
72	01.0.00	02.0.01	2006-08-09	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If a VRRP instance was created on a router on boot or from a script, and this VRRP instance did not have a virtual IP address configured or was not enabled, this instance never became backup router, even if the configuration was completed via CLI.	Delete the complete VRRP instance and configure it again or complete the configuration, save it and reboot.	Fixed in release 02.0.01.
73	01.0.00	02.0.01	2006-08-09	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	The sending of traps for signal contacts can cause a router reboot under certain circumstances.	Disable the sending of traps for signal contacts.	Fixed in release 02.0.01.
74	01.0.00	02.0.01	2006-08-09	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	On a VRRP router, the sending of VRRP traps can cause a reboot.	Disable VRRP traps.	Fixed in release 02.0.01 .
75	02.0.00	no fix	2006-08-10	All	The PTP/1588 protocol does not work on trunk member ports.	-	No fix planned.
76	02.0.00	02.0.01	2006-08-10	L2B L2E L2P RS20/30/40	The LEDs for RM and STAND-BY did not indicate the actual status correctly but remained dark.	-	Fixed in release 02.0.01.
77	00.1.00	04.1.00	2006-08-10	All	It is not possible to use hiper-ring ports as ring coupling ports even if hiper-ring configuration has been deleted.	HIPER ring must also be configured on devices which run a ring coupling.	Fixed in release 04.1.00.
78	01.0.00	02.0.01	2006-08-11	All	The Redundant Ring Coupling is only allowed for VLAN 1 but does not recognize tagged VLAN 1 test frames. This may cause a permanent loop.	Run VLAN 1 in default mode (untagged).	Fixed in release 02.0.01.
79	01.0.00	02.0.01	2006-08-11	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	When a loop exists, it may cause VRRP routers to reboot.	Avoid loops situations by applying appropriate layer 2 redundancy protocols (Spanning Tree, ...).	Fixed in release 02.0.01.
80	01.0.00	02.0.01	2006-08-17	L2B L2E L2P RS20/30/40	For port 3-10 the learned MAC-Addresses are not displayed correctly in the management applications (CLI, HiVision, Industrial HiVision, Web Interface).	-	Fixed in release 02.0.01.
81	02.0.00	no fix	2006-09-25	All	If all SNMPv1/2c communities are deleted, an errors occurs when the SNMPv3 password is changed.	Do not delete the Communities, only deactivate them.	No change planned.
82	00.2.00	02.0.02	2006-10-05	All	Storing the configuration sets ringcoupling- and logging-configurations to default values if the configuration was deleted before.	After deleting the configuration the resulting default configuration has to be stored.	Fixed in release 02.0.02.
83	01.0.00	03.1.04	2006-10-09	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	Under certain conditions, ports may send out frames not with the ports' MAC but with wrong MAC source addresses, especially in routing mode. If a port-based router interface is connected to another layer 2 switch, there is a possibility that the router interface's MAC address will be "unlearned" (i. e., it will age out and will not be re-learned). This will result in flooding of packets.	-	Fixed in release 03.1.04.
84	00.1.00	03.0.00	2006-10-30	All	Spanning tree pakets are mirrored back on ports with link aggregation when a trunk member loses it's link.	Deactivate spanning tree on all link aggregation ports.	Fixed in release 03.0.00.
85	00.1.00	02.0.02	2006-11-02	All	The webinterface can not be opened with new Internet Explorer 7.	Deactivate the javascript mode with the CLI command "no network javascript".	Fixed in release 02.0.02.
86	01.0.00	03.0.00	2006-11-22	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	Is Spanning Tree mode disabled and is on egress ports VLAN tagging enabled, the switch will send received tagged BPDUs with a double tag.	-	Fixed in release 03.0.00.
87	02.0.00	03.0.00	2006-12-07	L2B L2E L2P RS20/30/40	On loading an old RS2 configuration with ACA11 the ring coupling ports are not taken if the ports were configured on 1 and 2.	Reconfigure the ring coupling ports after loading the configuration.	Fixed in release 03.0.00.
88	01.0.00	no fix	2006-12-07	All	On activation of HiperRing or redundant ring coupling with DIP switches RSTP will be automatically deactivated.	-	No fix planned.
89	02.0.00	03.0.00	2006-12-11	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	The configuration wizards for routing do not work with JRE 1.4.2	Use JRE 1.5 or higher.	Fixed in release 03.0.00.
90	02.0.00	no fix	2006-12-12	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	On RS20/30, MS20/30 and Octopus link aggregation is not possible on HIPER Ring links.	-	No fix planned.
91	02.1.00	02.1.01	2006-12-12	L2P L3E L3P MACH4002-24G/48 G (XG)	In cases of repeated link-loss on link-aggregation ports there could be switch reboots.	Do not use Link-Aggregation in this Release	Fixed in release 02.1.01.
92	02.1.00	02.1.01	2006-12-13	L2P L3E L3P MACH4002-24G/48 G (XG)	100 MBit/s small formfactor pluggables (SFP) are not supported with the Beta Release of MACH4002-48G and MACH4002-24G Software Rel. 02.1.00-K12	-	Fixed in release 02.1.01.
93	02.0.00	03.0.00	2007-01-02	All	SNMP EngineID is not unique, this can cause to problems with third party SNMP products.	-	Fixed in release 03.0.00.
94	00.1.00	03.0.00	2007-01-04	All	MIB2: ifOperStatus of the cpu interface shows sometimes down.	-	Fixed in release 03.0.00.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
95	02.1.00	no fix	2007-01-29	L2P L3E L3P MACH4002-24G/48 G (XG)	When Fast-Ethernet-SFPs (Small Form-factor Pluggable for 100 Mbit/s) are operated in Gigabit-SFP slots, the Far-End-Fault-Indication (FEFI) is not active, i. e., the local SFP will not report a problem like e. g., a broken fiber for the receive direction to the remote port.	-	No fix planned.
96	03.0.00	no fix	2007-02-01	All	The PROFInet/IO device name has maximal 63 characters.	-	No fix planned.
97	03.0.00	no fix	2007-02-05	L2E L2P MS20/30	There is no management access for PoE modules, if they are installed on an old MB-2T extension backplane (Order number 943-733-002).	Use only the first 16 Fast-Ethernet ports for PoE.	No fix planned.
98	01.0.00	03.0.02	2007-02-09	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	VRRP Interfaces cannot be pinged reliably. In particular, problems exist when pinging from a different subnet.	-	Fixed in release 03.0.02.
99	03.0.00	03.0.01	2007-02-15	L2P L3E L3P MACH4002-24G/48 G (XG)	Disable Learning does not work on MACH4002-24G/48G.	-	Fixed in release 03.0.01.
100	02.0.02	03.0.00	2007-03-01	L2B L2E L2P RS20/30/40	Is RSTP disabled on Railswitch with 3FX or 4 SFP uplinks, the HIPER-Ring redundancy manager and ring coupling does not work correctly.	Activate RSTP globally and deactivate RSTP on the HIPER Ring and ring coupling ports.	Fixed in release 03.0.00.
101	02.0.00	03.0.01	2007-03-07	All	When validating some CLI Scripts they will abort because of certain commands (Vlan 0 Transparent Mode, Broad/Multicast-Limiter, LLDP, ProfinetIO, Ethernet/IP) although there is no error.	The application of the script is not affected.	Fixed in release 03.0.01.
102	00.1.00	no fix	2007-03-10	All	1000BASE-T operation can not be forced. IEEE 802.3ab requires Auto-Negotiation for 1000BASE-T operation. If Auto-Negotiation is deactivated for a 1000 Mbit copper port, this port is automatically forced to 100 Mbit full duplex.	-	Hardware related problem.
103	00.1.00	03.0.01	2007-03-13	All	IGMP Snooping: On receiving a Leave packet a General Query is sent instead of a Group Specific Query.	-	Fixed in release 03.0.01.
104	00.1.00	03.0.02	2007-03-26	All	With big configurations enduring resets can occur after a system reboot.	-	Fixed in release 03.0.02.
105	03.0.00	03.0.01	2007-03-26	L2E MS20/30 Octopus 8M/16M/24M RS20/30/40	Is Spanning Tree globally disabled and IGMP Snooping activated, IGMP query packets are wrongly send on the blocked port on the HIPER Ring or MRP redundancy manager. This causes an IGMP query loop.	Activate Spanning Tree or use a non L2E device as redundancy manager.	Fixed in release 03.0.01.
106	00.1.00	03.0.02	2007-04-10	All	On Hiper Ring / Ring coupling the ring pakets are only accepted from VLAN 1, that can cause compatibility problems with MACH3000.	Attach the MACH3000 with VLAN1.	Fixed in release 03.0.02.
107	01.0.00	03.0.02	2007-04-18	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	When sending SNTP packets via a VLAN based router interface, in exceptional cases, a reboot can occur.	Deactivate SNTP.	Fixed in release 03.0.02.
108	03.0.00	03.0.02	2007-04-18	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	When updating the operating software from Release 02.0.02 to Release 03.0.01, the Vlan Single Mac Address Mode settings will be lost after the migration.	-	Fixed in release 03.0.02.
109	01.0.00	03.0.02	2007-04-18	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If the same MAC address is used in more than one routed VLAN, routed packets may be sent with the wrong destination MAC address in exceptional cases. This will impair the trouble-free communication in a routed network.	-	Fixed in release 03.0.02.
110	03.0.00	03.0.02	2007-04-23	L2E L2P MS20/30	On HIPER Ring v2 (MRP) the ports 2/1 and 2/2 on MS30 can not be used.	Use other ports for the ring.	Fixed in release 03.0.02.
111	01.5.00	03.0.02	2007-04-23	All	If IGMP Snooping is enabled, received PIMv2 packets will be duplicated.	-	Fixed in release 03.0.02.
112	01.0.00	03.0.03	2007-05-15	L2E L2P MS20/30	The ring coupling port numbers are set to default after a reboot although a configuration has been saved.	Use the preconfigured portnumbers.	Fixed in release 03.0.03.
113	03.0.02	03.0.03	2007-05-16	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M RS20/30/40 RSR	The switch does a warmstart when the configuration is deleted.	-	Fixed in release 03.0.03.
114	03.0.00	03.0.03	2007-06-15	L2P L3E L3P MACH4002-24G/48 G (XG)	IGMP packets received with a vlan tag could be forwarded to outgoing interfaces with an additional vlan tag.	-	Fixed in release 03.0.03.
115	03.0.00	03.0.03	2007-06-19	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If RIP is activated on more than 26 router interfaces, only 26 router interfaces (at max) remain active after a reboot. For all other interfaces, an error message is output (Error setting netmask). Furthermore, when saving a configuration, a reboot may occur sporadically (LOG_ERROR: sysapi.c(2252) : 1).	-	Fixed in release 03.0.03.
116	01.0.00	03.0.03	2007-06-20	All	HIPER-Ring packets are filtered by IP ACLs even if the ACL rule recommended in the manual "permit udp any eq 0 0.0.0.0 0.0.0.0 eq 0" is defined on the ring ports.	Do not bind IP ACLs to HIPER-Ring ports.	Fixed in release 03.0.03.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
117	01.0.00	no fix	2007-06-20	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	BDPUs cannot be filtered by means of MAC based ACLs.	Disable Spanning Tree on the port and enable it globally.	No fix planned.
118	02.0.00	no fix	2007-06-22	All	Some keys (1023 BITS) generated by PuTTYgen will not work with the SSH server included in the switch's software.	Use the command line tool ssh-keygen(.exe) instead of PuTTYgen. Be sure that the key PuTTY generates has 1024 BITS. PuTTYgen shows this.	No fix planned.
119	01.0.00	03.0.04	2007-06-29	L2E L2P MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	After a sysUpTime of 248 days, 13 hours, 13 minutes and 56 seconds the IP agent can get permanently unreachable, when inside the last second, before the timeroverflow, no unicast packet is received. In the error condition the agent is not pingable but ARPs are processed (Doesn't affect RS L2B)	Ping all agents in the critical timeframe with a 500ms interval or reboot agent before this time.	Fixed in release 03.0.04 and 03.1.01.
120	01.0.00	03.0.04	2007-07-02	All	IGMP query packets are sent out to an inactive port (HIPER-Ring, RingCoupling), if (R)STP is switched on global and switched off on ports used by redundancy.	Set (R)STP off (global setting).	Fixed in release 03.0.04 and 03.1.01.
121	01.0.00	03.1.01	2007-07-03	L2E MS20/30 Octopus 8M/16M/24M RS20/30/40	On RS20/30/40 and MS20/30 enhanced software variants there is no direct update from version 01.0.xx or 02.0.xx to 03.1.00 possible.	Make first an update to version 03.0.xx and then an update to the higher version.	Fixed in release 03.1.01.
122	00.1.00	no fix	2007-07-05	All	On opt. 100Mbit/s ports with singlemode ST. Long Haul (+) DSC or 100Mbit/s SFPs from OCP the link deactivation works not correct. This can cause impairments with the ring redundancy. In the bootphase there can be interruptions of the ring for about 0,5s and in some configurat. (both ring ports uses above transceivers) to short packet duplications.	Only relevant during startup of device.	No fix planned.
123	01.5.00	03.1.02	2007-08-08	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If MC-Routing and IGMP is activated and IGMP-Snooping is deactivated, there may be a reboot in one special case, when an IGMP frame is received via a VLAN router interface,	Activate IGMP and also IGMP-Snooping.	Fixed in release 03.1.02.
124	03.0.00	03.1.02	2007-08-09	All	Is HIPER ring version 1 and version 2 (MRP) configured and is HIPER ring version 1 activated, it is not possible to switch to version 2 in the webinterface.	Click on version 1 and delete the ring configuration.	Fixed in release 03.1.02.
125	03.0.01	03.1.02	2007-08-10	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M RS20/30/40 RSR	The switch management does not answer when over HiDiscovery the LED signaling is activated.	-	Fixed in release 03.1.02.
126	00.1.00	03.1.02	2007-08-13	All	The webinterface does not work on Apple computers with OS X.	-	Fixed in release 03.1.02.
127	01.0.00	03.1.02	2007-08-14	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If a vlan routing interface was deleted that was not the last one configured, the output of show running-config was no longer consistent. If a script was created in this situation and later installed onto a device, interface settings were assigned to the wrong vlan.	Add the deleted vlan routing interface before creating the script	Fixed in release 03.1.02
128	03.0.00	03.1.03	2007-08-16	L2P L3E L3P MACH4002-24G/48 G (XG)	The port prioritization does not work on L2P devices, i.e. the default port priority is not considered.	-	Fixed in release 03.1.03.
129	01.0.00	03.1.02	2007-08-17	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	In exceptional cases the router may stuck after persistent changes of dynamic routing entries, i.e. the router does not forward any packets and is not longer reachable via management. This malfunction does not necessarily result in an automatic reboot of the router.	-	Fixed in release 03.1.02.
130	01.0.00	03.1.02	2007-08-21	L2B L2E L2P RS20/30/40	The DHCP relay does not work VLAN independend (DHCP server and client are not in the same VLAN).	Put DHCP server and client into the same VLAN.	Fixed in release 03.1.02.
131	00.1.00	03.1.02	2007-08-22	All	Loops can be caused after reboot if the HIPER Ring is activated and has been saved without ports.	Always set port numbers when you activate the HIPER Ring.	Fixed in release 03.1.02.
132	02.0.02	03.1.02	2007-08-27	L2B L2E L2P RS20/30/40	On railswitches with 3FX or 4SFP uplinks and L2P software the creation of a trunk does not work.	-	Fixed in release 03.1.02.
133	03.0.00	03.1.02	2007-08-28	All	The function "Undo modifications of configuration" only works if LLDP is disabled or no LLDP frames are received by the switch when the connection is lost.	Disable LLDP while configuring the switch.	Fixed in release 03.1.02.
134	03.1.00	03.1.02	2007-08-29	L2B L2E L2P RS20/30/40	On railswitch the LEDs "RM" and "Stand by" are permanently off after saving the configuration, regardless of the HIPER-Ring RM and Stand by state.	Reboot the switch after saving the configuration to see LEDs.	Fixed in release 03.1.02.
135	00.1.00	04.0.00	2007-08-31	All	If IGMP snooping is activated, then registered multicasts are only sent to the registered ports. The querier port is normally not a registered port. This behaviour does not correspond to the behaviour of the prior product line, where the multicasts are also sent out of the querier ports regardless of a registration on this port.	Enable "IGMP Forward all" on all querier ports manually.	Fixed in release 04.0.00.
136	03.1.00	03.1.02	2007-08-31	L2P L3E L3P	The DHCP client on L2P and greater can permanently block if the DHCP server sends a configuration with an invalid TFTP path.	Configure a correct TFTP path on your DHCP server.	Fixed in release 03.1.02.





## List of issues

### Classic Platform Software

ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
137	00.1.00	04.0.00	2007-09-03	All	For safety reasons the coupling port on the standby switch is disabled when the ring coupling is deleted and the port has a link. This is wrongly also made when loading a configuration afterwards (e.g. over TFTP).	Disable and reenale the coupling port or do a warm reboot.	Fixed in release 04.0.00.
138	03.0.00	no fix	2007-09-06	All	The LLDP local chassis identifier (lldpLocChassisId) is, on devices that have the configuration profinet in the productcode, not unique.	Use an empty system name (sysName), so LLDP is using the MAC address as chassis identifier.	No fix planned.
139	03.0.00	03.1.03	2007-09-18	L2B L2E L2P RS20/30/40	The RS40-0009 L2P supports maximal 4 trunks. If a fifth trunk is created the device reboots.	Do not create more than 4 trunks.	Fixed in release 03.1.03.
140	01.0.00	03.1.03	2007-10-08	L2P L3E L3P MACH4002-24G/48G (XG) MACH4002-48+4G	Under certain circumstances after reboot the media modules are not correct recognized and are signed with "unknown module". In the error log there is the message "S_hotplug_FAULTY_MODULE". On SFP modules is then no link possible. The condition can only be resolved with a power down.	Power down and up the device.	Fixed in release 03.1.03.
141	03.1.00	04.0.00	2007-10-09	L2B RS20/30/40	The port priority is not configurable in the CLI.	Use the webinterface to set the values.	Fixed in release 04.0.00.
142	00.1.00	03.1.03	2007-10-17	All	The CLI show command and script apply command show sporadically characters from previous commands.	-	Fixed in release 03.1.03.
143	03.0.01	04.0.00	2007-10-17	L2E L2P MS20/30	On MICE PoE media module ports with forced speed, is internal wrongly autonegotiation used.	Use autonegotiation instead of forced speed.	Fixed in release 04.0.00.
144	02.0.00	04.0.00	2007-10-23	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	Changing the paket type (global) of the ingress limiter in the web / with SNMP does not work.	Use the CLI instead.	Fixed in release 04.0.00.
145	03.0.00	no fix	2007-10-24	All	ProfiNet/IO Primary Setup Tool V3.2: Device names should only contain capital letters from A to Z, numbers without 0 and hyphen.	-	No fix planned.
146	00.1.00	03.1.03	2007-10-30	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	The port-priority of a port, where a mac address was learnt, determines the priority of the packet switched to this mac- address, if this traffic-class is higher than the portpriority of the port, where the packet was received or the priority in dot1q-tag.	-	Fixed in release 03.1.03.
147	03.1.03	03.1.04	2007-10-30	All	CLI commands with outputs longer than 32 seconds can cause a warmstart.	-	Fixed in release 03.1.04.
148	01.0.00	04.0.01	2007-11-20	L3E L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	The DHCP relay does not process DHCP packets that are received over a link aggregation port.	Do not use link aggregation on the client side.	Fixed in release 04.0.01.
149	00.1.00	04.0.00	2007-11-29	All	The IP and MAC based portsecurity does not work after reboot.	-	Fixed in release 04.0.00.
150	03.0.00	04.0.00	2007-11-29	All	After downloading a configuration with HTTP to the PC the configuration on a plugged ACA is deleted.	Save the configuration again after HTTP download.	Fixed in release 04.0.00.
151	03.1.03	03.1.04	2007-12-05	L2B L2E MS20/30 Octopus 8M/16M/24M RS20/30/40	The firmware update over HTTP leads to a warmstart and in some cases to a corrupt filesystem.	For the update use the TFTP protocol instead.	Fixed in release 03.1.04.
152	04.0.00	04.0.01	2007-12-06	All	Under some circumstances IGMP automatic query ports are learned with non IEEE conform LLDP pakets.	-	Fixed in release 04.0.01.
153	03.0.00	04.0.00	2007-12-17	All	The update process over HTTP displays sometimes: "HTML-Reponse Code: Not Found". But the update itself has worked. You can check the update result manually if you control the stored version in the webinterface dialog "software".	see left.	Fixed in release 04.0.00.
154	04.0.00	04.0.01	2007-12-17	All	The agent is under some circumstances not more reachable, if on the IGMP querier automatic query ports are used.	Deactivate the automatic query ports on the IGMP querier.	Fixed in release 04.0.01.
155	00.1.00	04.1.00	2008-01-24	All	Port 1 and 2 (normally HIPER-Ring ports) could not be used for ring coupling. (The configuration is deleted after Reboot).	Use other ports for the ring coupling.	Fixed in release 04.1.00.
156	03.1.00	04.0.00	2008-01-25	L2E L2P MS20/30 RS20/30/40	All RS20/30/40 and MS20/30 devices are losing approx. 1,5 Kbyte RAM memory per hour. On L2E devices this leads after approx. 1-2 month and on L2P devices approx. after 20 months, to functional impairments and to reboot.	-	Fixed in release 04.0.00.
157	03.1.00	04.0.00	2008-01-25	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	If there are many learnt mac addresses in a system unintentional ring reconfigurations can sporadically occur on RS20/30/40, MS20/30 and Octopus.	-	Fixed in release 04.0.00.
158	03.1.00	04.1.00	2008-01-25	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	Hitting of the Return key in the wrong moment in the CLI login screen via the V.24 interface my lock CLI (V24/telnet) permanently. This happens very sporadically.	-	Fixed in release 04.1.00.
159	01.0.00	04.0.01	2008-01-29	L3E L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If several trunks are configured on PowerMICE or MACH4000-48+4G then after reboot VLAN routing over trunks my sporadically not work correct (no forwarding of packets with learnt addresses).	-	Fixed in release 04.0.01.
160	01.0.03	04.1.00	2008-02-05	All	While booting with ACA21 the configuration is loaded and activated but not locally saved, if there already exists a locally saved configuration.	Delete old configuration or save configuration again.	Fixed in release 04.1.00.
161	01.0.03	04.1.00	2008-02-11	L2E L2P MS20/30 RS20/30/40	The VLAN and IGMP snooping settings saved on a software release 01.0.02 and former, are lost, after a software update to 01.0.03 and greater.	Reconfigure the VLAN and IGMP snooping settings after update.	Fixed in release 04.1.00.



## List of issues

### Classic Platform Software

ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
162	04.0.00	04.0.02	2008-02-19	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	PowerMICE and MACH4000-48+4G with disabled spanning tree protocol, add a second VLAN-Tag to received tagged BPDU, if egress port is configured to send a tagged frame. This causes the Spanning Tree BPDUs to be invalid for the following switch.	Disable tagging on egress port.	Fixed in release 04.0.02.
163	01.0.00	06.0.00	2008-02-19	All	If a web browser is open in more than one instance or has more than one tab open to work with several web interfaces simultaneously, there is a possibility that you cannot execute more than one HTTP update for an agent at the same time. The reason for that is in the limitations of the web browser as well as the Java Virtual Machine.	-	Fixed in release 06.0.00.
164	04.0.01	04.0.02	2008-02-26	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	Sporadically (hash table overflow), the router forwards a packet to the wrong MAC address, even when the correct MAC address is displayed in the ARP table. This may occur, when large ARP tables are used.	-	Fixed in release 04.0.02.
165	01.0.00	04.1.00	2008-02-27	All	If the switch is rebooted without power interruption the remote partner station sometimes doesn't detect a link loss on SFP ports. This could lead to a longer recovery time for some redundancy protocols or to a connection interruption until the switch has completely booted.	-	Fixed in release 04.1.00.
166	01.0.00	no fix	2008-02-27	L2E L2P MS20/30	100MBit FX MICE media modules with the order code ending 001 or 051 and 100MBit FX Realtime media modules with the order code ending 002 or 003 transmit FEF1 information, but do not evaluate FEF1 information upon reception.	Use instead 100MBit FX MICE media modules with order code ending 101 and 151.	No fix planned.
167	02.0.00	04.1.00	2008-03-10	All	Sporadically there can be short loops (< 50ms) in the HIPER-Ring when replugging HIPER-Ring connections.	-	Fixed in release 04.1.00.
168	04.0.00	04.1.00	2008-03-25	L2E L2P MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	All RS, MS, Octopus, MACH1000 and RSR devices are sporadically losing approx. 2 Mbyte RAM memory per day if the broadcast traffic is more than 100 Pkt/s permanently. This leads on L2E devices after approx. 1-2 days and on L2P devices approx. after 20 days, to functional impairments and to a reboot.	-	Fixed in release 04.1.00.
169	01.0.00	04.1.00	2008-04-03	L2B L2E L2P RS20/30/40	If a configuration is reloaded and HiperRing is configured via DIP switch, than in the further operation this can cause poorer ring reconfiguration times because ring ClearFDB packets are not forwarded any more.	Use software configuration.	Fixed in release 04.1.00.
170	04.0.00	04.1.00	2008-04-09	L2E L2P MS20/30 RS20/30/40	During boot sporadically parts of the the ACA11 configuration are not loaded completely.	-	Fixed in release 04.1.00.
171	01.0.00	05.0.00	2008-04-09	All	If the last port of a trunk is removed from this trunk, this port may stay in blocked mode.	Delete trunk before removing the port.	Fixed in release 05.0.00.
172	01.0.00	04.1.00	2008-04-15	L2E L2P MS20/30	DIP Switch behavior of DIP1 to DIP3 in ON position on MICE had to be modified because of new power module. Previous behavior of this setting (RM=ON + Ring Ports = ON + Standby=ON) was disabling ring functions. New behavior is software configuration with the default setting disable ring functions.	Disable ring redundancy through software configuration.	Fixed in release 04.1.00.
173	01.0.00	no fix	2008-04-17	All	There can be short loops, if reconfiguring a port from RSTP to Trunking.	Activate LACP before connecting redundant links.	No fix planned.
174	01.0.00	04.2.06	2008-04-21	All	Due to increased packet loss probability in overload situations there might be short network loops if ring coupling master and slave are not directly connected together, e.g if standby ring connection of RM is in-between. Beginning with 04.2.06 ring coupling sends the redundancy protocol frames into VLAN 1 and with highest priority.	Setup network so that blocked RM line is not in-between or use additional standby connection between master and slave.	Fixed in release 04.2.06.
175	01.0.00	04.1.00	2008-04-30	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	The ring recovery time on a L3 device depends on the number of learned MAC addresses and ARP entries. This affects only VLAN router interfaces that are used within a ring or ring coupling. Especially in cases where the tables are very large, this recovery time can last several seconds.	Use ring only within a transfer subnet, so the number of MAC addresses/ARP entries can be kept to a minimum.	Fixed in release 04.1.00.
176	01.0.00	04.1.00	2008-04-30	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	In some special cases like clearing the address table or saving the configuration it is possible, that unnecessary VRRP failovers occur.	-	Fixed in release 04.1.00.
177	01.0.00	04.1.00	2008-04-30	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	Due to hash algorithms it cannot be guaranteed that all 2048 ARP entries are learned on Power-Mice and MACH4000-48-4G. This is especially the case when large amounts of these ARP entries are learned on VLAN router interfaces. This might cause communication problems with these stations that cannot be learned any more.	Use port based router interfaces.	Fixed in release 04.1.00.
178	01.0.00	04.1.00	2008-04-30	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	Loop situations can lead to sporadic reboots of the router. This situation is recognizable when the event log entry "ERROR DEADBEEF" is present.	-	Fixed in release 04.1.00.
179	01.0.00	04.2.00	2008-04-30	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	Portsecurity detects sporadically wrong addresses on devices with more than 10 ports.	-	Fixed in release 04.2.00.





ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
180	01.0.08	no fix	2008-05-07	All	Firmware 01.0.08 reboots permanently, if a binary configuration of a newer SW version is loaded over TFTP.	Delete the configuration in systemmonitor 1.	No fix planned.
181	04.1.00	05.0.00	2008-05-08	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	The DHCP server does not answer DHCP requests that are received over VLAN router interfaces.	-	Fixed in release 05.0.00.
182	04.1.00	04.1.01	2008-05-15	L2E L2P MS20/30 RS20/30/40	If the dip switches are not set to software configuration, the port speed and duplex mode is not configurable. Note: DIP switches should be adjusted before the power-on . When configuring the HIPER Ring the port configuration of the ring ports must be checked.	Use the software configuration.	Fixed in release 04.1.01.
183	04.0.00	04.1.01	2008-05-21	L2P RSR	On RSR devices with two signal contacts the webinterface dialogue for the second signal contact is missing.	Use the CLI to configure the second signal contact.	Fixed in release 04.1.01.
184	01.0.00	04.1.02	2008-05-29	All	Is a Hiperring redundancy manger reconfigured to use RSTP, the Hiperring port 2 is not completely activated for RSTP and blocks internally permanantly.	Delete configuration, reboot and then configure RSTP.	Fixed in release 04.1.02.
185	01.0.00	04.1.01	2008-05-30	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	It is not possible to delete the static ARP entries in the webinterface.	Use the CLI to delete this entries.	Fixed in release 04.1.01.
186	01.0.00	04.1.03	2008-06-05	L2P L3E L3P MACH4002-48+4G	The paket rate of the ingress rate limiter is not taken from a configuration that is loaded with TFTP.	-	Fixed in release 04.1.03.
187	01.0.00	04.1.01	2008-06-09	L2E L2P MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	Is IGMP snooping enabled and are the unknown multicasts configured to be discarded or to got o query ports, then after disabling port mirroring the unknown multicasts are still forwarded to the mirror port.	Set the unknown multicast shortly to flood.	Fixed in release 04.1.01.
188	01.0.00	04.1.01	2008-06-10	All	Software rel. prior to 04.1.01 only: on loading a binary configuration, reboot or creating a new VLAN, the aging time will be set to the default (30 s).<	If you want to use a configuration that has been created by a software rel. prior to 04.1.01, if necessary, set the aging time again and save the configuration.<	Fixed in release 04.1.01.
189	01.0.00	04.1.03	2008-06-27	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	If the management VLAN is set to 0 (Default is 1) and there are more than 3 VLANs configured, problems may occur with broadcast switching.<	If possible, leave the management VLAN set to 1.<	Fixed in release 04.1.03.
190	04.0.00	04.2.00	2008-07-07	L2P MACH1020/1030 RSR	Software Releases 04.0.xx to 4.1.xx only: If you have a FAST HIPER-Ring configured and you reboot the device, in rare cases, ring ports will remain in the state "blocking".	Reboot the switch again.	Fixed in release 04.2.00.
191	01.0.00	04.2.00	2008-07-10	L2P L3E L3P MS4128 (PowerMICE)	If you have more than 36 VLANs configured and the management VLAN is additionally set to 0, then, after the next reboot, this may result in a permanently repeated reboot.	Do not use more than 36 VLANs or set the management VLAN to a value other than 0 (e.g., 1).	Fixed in release 04.2.00.
192	01.0.00	04.1.02	2008-07-14	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If you have configured both a redundant coupling and a link aggregation on the device types RS, MS, Octopus, MACH 1000, RSR or MACH100, this may result in continuously repeated flushing of the address tables.This may raise the network load and diminish the switching performance.	Disconnect all redundant lines of the link aggregation.	Fixed in release 04.1.02.
193	01.0.00	06.0.00	2008-07-16	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If you run the cable diagnosis on a Twisted Pair port in a SFP slot, the port will no longer send or receive frames.	Use the cable diagnosis on normal TP ports only, not on TP SFP ports.	Fixed in release 06.0.00.
194	01.0.00	04.1.02	2008-07-16	L2E L2P MS20/30 RS20/30/40	For devices with DIP switches: if the software configuration is disabled by the DIP switch settings, you cannot enable the autonegotiation function on Twisted Pair ports. Note: Set the DIP switches to the desired position before powering on the device. For a HIPER-Ring, check the ring ports' settings.	Use the software configuration.	Fixed in release 04.1.02.
195	01.0.00	04.1.03	2008-07-17	All	If a port has ingress or egress limiters configured and the limiters are globally disabled, then, after a reboot, the limiters will nevertheless take effect.<	-	Fixed in release 04.1.03.
196	04.1.00	04.2.00	2008-07-24	L2E L2P MS20/30	On a MICE with software release 04.1.00, the AUI media module will not transmit any frames.<	-	Fixed in release 04.2.00.
197	03.0.00	no fix	2008-07-28	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M RS20/30/40 RSR	On a device MAC 1000, the signal contact 2 opens if its power supply (No. 2) fails. This is hardware-related and cannot be remedied by a software setting or upgrade.<	-	No fix planned.
198	04.2.00	04.2.01	2008-08-01	L2B L2E L2P RS20/30/40	If you create GSDML files for a RS device variants with the software release 04.2.00, it will not work if the device has a Gigabit Twisted Pair port or an optical port other than a Multi Mode port.<	Edit the GSDML file manually.<	Fixed in release 04.2.01.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
199	04.2.00	04.2.01	2008-08-04	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	For a certain port (internally port 0, external port number depending on device model), learned source addresses will not be transferred to the MIB. This impairs the port security feature on this port. For the external port number, please contact our customer support.<	Do not use port security on this port.	Fixed in release 04.2.01.
200	04.2.00	04.2.01	2008-08-04	L2B L2E L2P RS20/30/40	On the device RS30, the LEDs for the Gigabit ports do not show actual data activity by flashing yellow. The link state (green) is displayed correctly.<	-	Fixed in release 04.2.01.
201	04.2.00	04.2.01	2008-08-06	L2P L3E L3P MACH4002-24G/48G (XG)	On a media module M4-Fast 8-SFP in a device MACH4002-24G/48G, the ports will establish a link but will not transmit or receive frames. All other combinations are unaffected.<	Do not use M4-Fast 8-SFP Modules in a MACH4002-24G/48G with the software release 04.2.0.<	Fixed in release 04.2.01.
202	02.1.00	04.2.01	2008-08-20	L2P L3E L3P MACH4002-24G/48G (XG)	On the devices MACH4002-24G/48G, the main board's ports may permanently stop working in very rare cases. The LEDs will show a wrong status. If the situation cannot be resolved within a certain amount of time, the device will reboot.<	-	Fixed in release 04.2.01.
203	04.2.00	04.2.02	2008-09-04	All	If a device is upgraded to the software release 04.2.01, the settings for the device status will not be migrated completely.	After a SW upgrade, set the device status settings again to the desired values and save locally.<	Fixed in release 04.2.02.
204	04.2.00	04.2.02	2008-09-04	L2P L3E L3P MACH4002-24G/48G (XG)	On the devices MACH4000-24G/48G running the software variant L2P, the address table may block permanently ("freeze") after a redundancy reconfiguration under high network load.	-	Fixed in release 04.2.02.
205	04.2.00	04.2.02	2008-09-08	L2P MACH1020/1030	When a 100 Mbit/s SFP is plugged into a running device for the first time, it is unable to establish a link.<	Unplug / replug SFP.	Fixed in release 04.2.02.
206	04.2.00	04.2.03	2008-09-11	L2P MACH1020/1030	The Web-based Interface on a MACH 100 shows more power supplies than are possible for the device.<	-	Fixed in release 04.2.03.
207	01.0.00	no fix	2008-09-18	All	PROFINET IO: in Step 7V5.4 SP4's Topology Editor, no neighbours will be displayed. The hotfix HF6 for Step 7 V5.4 SP4 fixes this problem.<	-	No fix planned.
208	01.0.00	05.0.00	2008-09-23	All	A scriptbased configuration loaded over HTTP is not automatically saved.	After script loading save manually.	Fixed in release 05.0.00.
209	04.2.01	04.2.02	2008-09-29	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If many unicast MAC addresses are in use in a network, the ring redundancy's recovery times may sometimes exceed the specified maximum times.<	-	Fixed in release 04.2.02.
210	04.1.00	04.2.03	2008-10-06	L2E MS20/30 Octopus 8M/16M/24M RS20/30/40	On a MICE device with the software variant L2E, a TFTP software update may sometimes fail with the error message "File failed CRC check or wrong image!".<	Use the HTTP software update instead or update to 04.2.03 first.	Fixed in release 04.2.03.
211	01.0.00	04.2.03	2008-10-08	All	If the device is operated continuously for more than 248 days without reboot, the displayed sysUptime rolls over to zero. This is a display issue only. Internally, the sysUptime overflows only after 497 days and there is no effect on the functionality.<	-	Fixed in release 04.2.03.
212	01.0.00	04.2.04	2008-10-13	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	In the management address table, MAC addresses may temporarily be associated with a wrong port.<	-	Fixed in release 04.2.04.
213	01.0.00	04.2.03	2008-10-14	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	On devices running L2P software 04.2.02, Gigabit Ethernet SFP ports may lose their link under certain circumstances. This is aggravated if HiVision polls the SFP diagnosis or temperature data frequently.<	In case of error: unplug and replug the module, reboot or downgrade to 04.1.xx.	Fixed in release 04.2.03.
214	04.2.00	04.2.03	2008-10-27	L2P RSR	On RSR devices, the ports with fast (100 Mbit/s) SFPs will not establish a link.<	-	Fixed in release 04.2.03.
215	04.1.00	04.2.03	2008-11-17	All	If DHCP is active and a configuration is loaded via TFTP, the setting for the management VLAN will not always take effect.<	-	Fixed in release 04.2.03.
216	01.0.00	04.2.03	2008-11-18	All	If a device running a software release prior to 04.2.03 has its management VLAN set to 0, the DHCP client will send its requests into all configured VLANs which results in a high broadcast load. From software release 04.2.03 and later, these requests will only be sent once per port and are untagged.<	-	Fixed in release 04.2.03.
217	01.0.00	04.2.03	2008-11-18	All	If you use Java Runtime Environment 6 Update 10 on your management station, Industrial HiVision as well as the web interface will not start. To update a device's firmware via the web interface, uninstall JRE 6 Update10.<	Use, as recommended, JRE version 5.	Fixed in release 04.2.03.
218	04.2.00	05.0.00	2008-11-25	L2B L2E L2P RS20/30/40	If you have a STEP 7 project that includes two switches of the same type but with different GSDML file versions (1.0 and 2.1), it will not be possible to use both of these files because of a file name conflict. The problem will be fixed in GSDML 2.2 (SW Release 05.0.00+), using a different file naming scheme.<	-	Fixed in release 05.0.00.
219	01.0.00	04.2.04	2008-11-27	L2B L2E L2P RS20/30/40	If the redundant ring coupling and the HIPER-Ring redundancy manager are activated on the same device, this may result in a permanent loop during a firmware update.<	Deactivate the redundant line while updating the firmware.	Fixed in release 04.2.04.



## List of issues

### Classic Platform Software

ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
220	01.0.00	05.0.00	2008-11-28	All	When the redundant ring coupling is deactivated on a port and RSTP is activated instead, this may result in forwarding problems on that port.<	After setting the port to RSTP, save the configuration and reboot the device.	Fixed in release 05.0.00.
221	01.0.00	no fix	2008-11-28	L2B L2E L2P RS20/30/40	When a FastEthernet SFP (100 Mbit/s) is plugged into a Gigabit SFP slot on a RS30 device, this may result in a reboot.	Do not use FastEthernet SFPs (100 Mbit/s) in Gigabit SFP slots.	No fix planned.
222	03.0.00	04.2.03	2008-12-04	All	If more than one VLAN is configured and the management VLAN is set to 0 (the default is 1), the following erratic behavior may occur sporadically: the saving of a configuration may fail, the management CPU is unreachable; in very rare cases, the device will reboot.	Use a value different from 0 for the management VLAN.	Fixed in release 04.2.03.
223	01.0.00	04.2.04	2008-12-09	All	When the switch is rebooted, this may in very rare cases result in a loss of a local configuration that has been saved beforehand, or of a firmware image that has been loaded onto the device.	-	Fixed in release 04.2.04.
224	01.0.00	04.2.04	2008-12-16	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	The DHCP client sends its frames out also over blocked ports. This may result in short periods where the management CPU is unreachable.	Set the network protocol for the management to "none" and configure the IP parameters manually or use HiDiscovery.	Fixed in release 04.2.04.
225	03.0.00	04.2.06	2009-01-15	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If you use MRP on a switch and reload the configuration while the switch is running, in rare cases, this can result in ring ports going to or remaining in a blocking state.	Load the configuration only when the booting, alternatively, disconnect and reconnect the link cable or set the port's admin state to down and then to up again.	Fixed in release 04.2.06.
226	01.0.00	no fix	2009-01-16	L2E MS20/30 Octopus 8M/16M/24M RS20/30/40	When you use the Profinet protocol, it is recommended to configure no more than 40 VLANs on the device (counting statically configured VLANs as well as VLANs configured via GVRP).	-	No fix planned.
227	04.2.00	04.2.04	2009-01-21	All	When you use a software release 04.1.xx and have configured port settings for IGMP Snooping, these will not be transferred when upgrading to a software release prior to 01.2.04	After updating from release 04.1.xx to a version < 04.2.04, configure the IGMP Snooping port settings again.	Fixed in release 04.2.04.
228	01.0.00	no fix	2009-01-26	L2P L3E L3P	If a device is already configured in a way that its configuration is different from the factory setting, the loading (applying) a complete, script-based configuration may in principle fail and be aborted because the new configuration is applied to the existing one and this may lead to commands being incompatible or being executed twice.	Clear the running configuration before applying a complete, script-based configuration.	No fix planned.
229	01.0.00	04.2.04	2009-02-04	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	When using a switch in a HIPER-Ring and loading a configuration via TFTP, in rare cases (under certain circumstances like a network overload), this may result in a permanent loop.	-	Fixed in release 04.2.04.
230	04.2.03	04.2.04	2009-02-09	L2P MACH1020/1030 RSR	If you are updating the software on a device and the device is the manager of a Fast HIPER-Ring at the same time, short loops may result during the software update.	Deactivate the redundant line before updating the firmware, e.g., by disabling the port, then re-enable.	Fixed in release 04.2.04.
231	01.0.00	04.2.06	2009-02-13	L2E L2P MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	In rare cases, a RS40 device may reboot without writing an error message in the log file.	-	Fixed in release 04.2.06.
232	04.2.00	04.2.05	2009-02-16	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	The following combinations of devices and software variants experience the problem that the ring ports will not learn MAC source addresses after a ring redundancy reconfiguration, and traffic will be flooded as a result: - PowerMICE with L2P release prior to 04.2.05 - MACH 4000 (not XG) with L2P release prior to 04.2.05	Turn the "disable learning" setting on and then off again.	Fixed in release 04.2.05.
233	01.0.00	04.2.05	2009-02-18	L2E L2P MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If you have activated the MAC-/IP-based port security, there are rare cases that received MAC-Addresses are assigned to a wrong port. Note: only very specific ports are affected. For a detailed list which ports on which devices are affected, contact the service, please.	Use another port and/or deactivate the MAC-/IP-based port security on the affected ports.	Fixed in release 04.2.05.
234	04.0.02	no fix	2009-02-24	All	If you use ProfiNet in conjunction with SIMATIC STEP 7's topology detection, make sure that SIMATIC STEP 7 can access the switch's MIB via SNMPv1 and the community "public".	-	No fix possible.
235	01.0.00	04.2.06	2009-03-10	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	When several VLANs are configured (also by GVRP), the forwarding of broadcasts may fail in rare cases, on particular ports and in particular VLANs.	-	Fixed in release 04.2.06.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
236	01.5.00	04.2.05	2009-03-11	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If you use ring redundancy protocols in conjunction with multicast routing and there are more than 400 multicasts in the routing cache, the ring redundancy may sporadically cause short loops.	-	Fixed in release 04.2.05.
237	01.0.00	04.2.06	2009-03-11	L2P RSR	On the following device types, certain ports may experience frame loss if operated with a data rate of 10 Mbit/s (independent of the data rate setting's cause): - RSR20 with 8 TX ports: only port 1 is affected - RSR30 with 2 combo ports or 2 Gigabit SFPs: only port 3 is affected	-	Fixed in release 04.2.06.
238	01.0.00	04.2.05	2009-03-11	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If IGMP Snooping is activated, the device will not forward IGMP unicast packets but discard them.	If possible, use IGMP multicast packets instead of IGMP unicast packets.	Fixed in release 04.2.05.
239	01.0.00	no fix	2009-03-17	L2P L3E L3P	When you use the CLI's scripting feature and you create scripts manually, you should only use the following special characters for names that are freely configurable: "+", "-", "_", ".", " ". Otherwise applying the script will result in error messages and the command as well as the following in question will not be executed.	Use only the following special chars for names that are freely configurable: "+", "-", "_", ".", " ".	No fix planned.
240	04.2.00	04.2.05	2009-03-23	L2P L3E L3P MACH4002-24G/48 G (XG)	When a link aggregation is configured on a MACH4002-24G/48G, their ports will no longer learn unicast MAC addresses. After clearing the entire address table (forwarding database), e.g., for a redundancy switch-over, this will result in flooding frames with these destination addresses.	-	Fixed in release 04.2.05.
241	01.0.00	04.2.05	2009-03-25	All	If the Internet Explorer Version 8 is used as the web browser, the web interface will not start.	Deactivate JavaScript on the device's web server by using the CLI command "#no network javascriptmode".	Fixed in release 04.2.05.
242	01.0.00	04.2.06	2009-03-31	L2E L2P MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	In rare cases a sporadic reset can occur on a rail switch, with the log message S_watson_TRIGGER_LEDTASK or S_watson_TRIGGER_EMWEBTASK.	-	Fixed in release 04.2.06.
243	01.0.00	no fix	2009-03-31	All	If you use a ring redundancy and reconfigure (swap - by software) the ring ports on the device configured as the ring manager, a permanent loop may result.	Before swapping the ring ports, deactivate the redundant line (e. g. by disabling the redundant port in the port configuration).	No fix planned.
244	04.1.00	04.2.05	2009-04-01	L2E MS20/30 Octopus 8M/16M/24M RS20/30/40	When booting one of the devices RS20, RS30 or RS40 with the software variant L2E, the configuration cannot be loaded from an ACA 21-USB if the device's bootcode version is 04.0.00 or later. This may theoretically occur in P variants as well.	Save the configuration locally and upgrade the software to release 04.2.05 or later.	Fixed in release 04.2.05.
245	01.0.00	04.2.05	2009-04-01	All	When the Mozilla Firefox browser is used in conjunction with the Java Runtime Environment 6 Update 13, the web interface cannot be opened. In order to update a device's firmware via the web interface, either use an alternate browser or uninstall (up- or downgrade) the JRE 6 Update13.	Actualize the JRE version.	Fixed in release 04.2.05.
246	04.2.05	04.2.06	2009-04-21	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	Unicast MAC source addresses that do not begin with 00, will not be displayed in the address table, although the addresses are learned correctly and frames with those destination addresses are also forwarded correctly.	-	Fixed in release 04.2.06.
247	04.0.00	05.0.00	2009-04-24	All	The DHCP server does not renew an IP address on a DHCP InitRebootRequest with client identifier but without IP address set.	-	Fixed in release 05.0.00.
248	01.0.00	04.2.06	2009-04-24	All	When the logging of Cli commands is enabled in the logging settings (CLI command (Config)#logging cli-command <cr>), this setting will not be included when saving the configuration to non-volatile memory, i.e. it is lost during the next reboot.	-	Fixed in release 04.2.06.
249	01.0.00	no fix	2009-05-04	All	When the SNTP or the DHCP server is activated on a switch, no more than 75 clients should use that function (from software release 05.0.00 and later: 128 for L2E, 256 for L2P, L3E and L3P). Exceeding the limit will not break the functionality, but may result in an undesirable management CPU load.	-	No fix planned.
250	01.0.00	04.2.10	2009-05-08	All	If the same configuration is used for multiple switches (e.g. loaded from a TFTP server), the switch sends always the same LLDP Chassis ID. This can lead to problems in the topology discovery of HiVision.	Use different configurations.	Fixed in release 04.2.10 and 05.0.07.
251	05.0.00	05.0.01	2009-05-14	L2E L2P MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	From release 05.0.00 and later, an additional function in the management CPU is activated. In less than 0.1% of the devices, this function cannot be activated and will result in repeated reboots (05.0.00). Beginning with 05.0.01 the new function is deactivated if needed, which results in a lower system performance (which is comparable with 04.x.xx).	Downgrade via system monitor 1 and ACA to a software release prior to 05.0.00.	Hardware related problem.
252	01.0.00	04.2.06	2009-05-20	All	If Port Mirroring is active and the mirror port (destination port) is untagged member in a VLAN, despite saving the configuration to non-volatile memory, the port will become a tagged member after a reboot, i.e., it will send frames from the VLAN in question with a VLAN tag.	-	Fixed in release 04.2.06.
253	05.0.00	05.0.01	2009-06-04	L2B L2E L2P RS20/30/40	When the setting 'VLAN 0 Transparent Mode' is activated and stored to non-volatile memory, it will not be reactivated after a reboot but remain inactive until explicitly activated.	Activate setting manually after reboot.	Fixed in release 05.0.01.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
254	01.0.00	05.0.05	2009-06-17	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If RSTP is globally disabled and IGMP Snooping together with "unknown multicasts discard" activated, RTSP BPDUs are discarded.	Use "send unknown mc to query ports" and configure RSTP ports as query ports.	Fixed in release 05.0.05 and 05.1.01.
255	01.0.00	06.0.00	2009-06-22	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	The management ist sporadically not reachable, if Shared VLAN Learning and GVRP are activated at the same time.	It is not recommended to combine GVRP and SVL.	Fixed in release 06.0.00
256	01.0.00	04.2.06	2009-06-30	All	When the network topology has redundant paths, the function DHCP Relay is activated and many DHCP clients renew their leases at the same time, this may result in duplicate IP addresses for the clients.	-	Fixed in release 04.2.06.
257	01.0.00	05.0.09	2009-07-07	All	If IGMP Snooping is activated, the HIPER Ring redundancy manager can become instable under some circumstances.<	Deactivate IGMP Snooping on the HIPER Ring redundancy manager or use MRP.<	Fixed in release 05.0.09 and 06.0.01.
258	05.0.00	04.2.07	2009-07-07	All	If the configuration for the function ACD (Address Conflict Detection) changes, the Web-based Interface does change its display to suggest saving the configuration (yellow warning triangle in the Load/Save icon).<	-	Fixed in release 04.2.07 and 05.0.02.
259	01.0.00	no fix	2009-08-03	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	If the maximum frame size is set from 1522 to 1552 bytes, the RMON statistics counter for frames > 1522 bytes will no longer count these frames with a size between 1522 and 1552 bytes. This is a hardware-related problem.<	-	Hardware related problem.
260	01.0.00	04.2.07	2009-08-14	All	A device's DHCP server responds with an offer even if the device name (DHCP Client ID, e.g., "RS20") in the request is only a substring of the name configured in the DHCP server ( e.g., "RS202").<	Use device names that are not a part of other devices' names.	Fixed in release 04.2.07 and 05.0.02.
261	01.0.00	04.2.07	2009-08-19	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	Loading a configuration over TFTP on a redundancy manager can, in very rare cases, result in a permanent loop.<	Use a locally saved configuration instead of a configuration on a TFTP server.<	Fixed in release 04.2.07 and 05.0.02.
262	01.0.00	04.2.08	2009-09-02	All	When performing a software update on a device with active PROFINET IO, the PROFINET IO communication may be interrupted during the transfer.<	Perform a software update only if PROFINET IO is inactive or you have made sure that interruptions will not have any negative consequences.<	Fixed in release 04.2.08 and 05.0.02.
263	01.0.00	05.0.10	2010-10-25	L2P RSR	On certain RSR devices, the following ports may cause increased HIPER-Ring or STP recovery times on link up: - Port 1 on RSR20 with 8 TX ports - Port 3 on RSR30 with 2 Combo ports or 2 Gigabit SFP ports.	Use another port as the ring port.	Fixed in release 05.0.10 and 06.0.02.
264	01.0.00	04.2.08	2009-09-28	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	I rare cases, the automatic warm start (link negotiation) on ports will fail if there is a half/full duplex configuration mismatch on the participating devices. The result is a unidirectional data flow only. (See issue 70).	Make sure, that on both sides of the connection the same duplex mode is used.	Fixed in release 04.2.08 and 05.0.02.
265	04.2.07	04.2.08	2009-10-01	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	In release 04.2.07 RSTP does not work correctly and there can be permanent loops.	-	Fixed in release 04.2.08.
266	01.0.00	05.0.09	2009-10-08	L3E L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If Multicast Routing is active on a device under high load, and the device is also HIPER-Ring redundancy manager or master in a redundant coupling at the same time, the L2 redundancy function may become unstable.<	Assign the tasks Multicast Routing and L2 redundancy functions to 2 different devices.<	Fixed in release 05.0.09 and 06.0.01.
267	04.2.03	04.2.08	2009-10-22	All	The DHCP client sends request packets only without VLAN Tag even if a management VLAN ID is configured.	-	Fixed in release 04.2.09, 05.0.03 and 05.1.01.
268	04.2.02	04.2.09	2009-10-26	L2P MACH1020/1030	If a device MACH 100 with the software variant L2P and a software version 04.2.02 through 04.2.08 is rebooted, the Fast Ethernet SFP Ports will no longer switch frames.<	Unplug and replug the SFP manually or upgrade to a software version 04.2.09 or higher.<	Fixed in release 04.2.09.
269	05.2.00	no fix	2009-11-03	Basic RSB20 L2B	The probe port of the feature "Port Mirroring" does not show all kinds of packets which are received or transmitted on the source port.	-	No fix planned.
270	01.0.00	04.2.09	2009-11-16	L2P L3E L3P	A defect backup image (very seldom) can lead to a reboot during MIB access.	Please update the system again.	Fixed in release 04.2.09, 05.0.05 and 05.1.01.



## List of issues

### Classic Platform Software

ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
272	05.0.02	05.0.04	2009-11-26	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	On devices with more than 10 Ports, learned unicast addresses are not shown in the address data base if the address is lexicographically behind an address that is configured as a static filter. Only a display problem. Switching is not affected.	-	Fixed in release 05.0.04.
273	05.2.00	no fix	2009-11-30	Basic RSB20 L2B	On blocked ports incoming broadcast packets are being counted although they are not received.	-	No fix planned.
274	04.1.00	05.0.00	2009-12-14	All	The DHCP server responds always into the configured Management VLAN. Beginning with version 05.0.00 the server responds into the VLAN where the request was received.	-	Fixed in release 05.0.00.
275	01.0.00	05.0.10	2010-10-25	All	Sporadically the management agent gets no IP address over DHCP, if two DHCP server (one redundant) are used and these are connected over a DHCP relay with the switch.	-	Fixed in release 05.0.10 and 06.0.02.
276	01.0.00	05.0.08	2009-12-21	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If there is a static unicast adress configured with more than one port (invalid), the address table is not displayed completly.	-	Fixed in release 05.0.08, 05.1.01 and 06.0.00.
277	05.0.00	05.0.05	2010-01-04	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	Sporadically on devices with more than 8 ports new unicast addresses are assigned for a short time to the wrong port. This affects also the port security.	-	Fixed in release 05.0.05.
279	01.0.00	04.2.10	2010-01-07	All	The SNMPv1 linkdown trap might get lost, if GVRP is activated, the management VLAN ID is set to 2 or greater, the management VLAN of the uplinks are learned over GVRP and the linkdown occurs on a port that is a member of the management VLAN.	Use a static VLAN configuration for the management VLAN.	Fixed in release 04.2.10, 05.0.05 and 05.1.01.
280	05.0.00	05.0.06	2010-01-13	L2P L3E L3P MACH4002-24G/48 G (XG)	If IGMP Snooping or GMRP is enabled, it is possible that the Switch does not learn new multicast mac addresses.	-	Fixed in release 05.0.06.
281	05.0.00	05.0.05	2010-01-14	L2P L3E L3P MS4128 (PowerMICE)	In seldom cases the configuration of the IGMP querier ports can get lost when using RSTP over MRP and the ring ports of the MRP ring are on optical SFP ports.	-	Fixed in release 05.0.05.
282	01.0.00	no fix	2010-01-25	L2E L2P MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	The prioritization of broadcast frames is not possible on switches with the chipset revision A01.	-	Hardware related problem.
283	05.0.05	05.0.07	2010-02-17	L2P RSR	On RSR HiDiscovery packets are not flooded. Though attached devices can not be seen by HiDiscovery.	-	Fixed in release 05.0.07.
284	01.0.00	04.2.10	2010-02-24	L2P L3E L3P MACH4002-24G/48 G (XG)	Under circumstances the SNMP counter ifHCOutUcastPkts (64-Bit) shows on MACH4002-24G/48G too high values.	-	Fixed in release 04.2.10 and 05.0.07.
285	01.0.00	04.2.10	2010-03-01	All	The configuration counter is sporadically shown as not saved, if GVRP is activated and new VLAN informations are learned.	-	Fixed in release 04.2.10, 05.0.07 und 05.1.01.
286	04.0.00	05.0.07	2010-03-02	L3P MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	The DSCP value of routed multicast frames is changed in same cases for optimization purposes. The behaviour can be changed by the CLI command "igmp software-dscp-value" or with the MIB variable agentMulticatsIGMPSoftwareDSCP.	-	Fixed in release 05.0.07.
287	01.0.00	04.2.10	2010-03-02	All	In very seldom cases the VLAN settings are lost when saving the configuration.	VLAN settings should be checked after reboot and saved agin when the error occurs.	Fixed in release 04.2.10, 05.0.07 and 05.1.01.
288	01.0.00	04.2.10	2010-03-03	All	In seldom cases the topology discovery shows a neighbor IP address 0.0.0.0, although the neighbor device has a valid IP address.	-	Fixed in release 04.2.10, 05.0.07 and 05.1.01.
289	05.0.00	05.0.07	2010-03-05	L2P L3E L3P MACH4002-24G/48 G (XG)	On MACH4002-24G/48G DVMRP does not work. Multicast traffic is always flooded.	-	Fixed in release 05.0.07.
290	01.0.00	no fix	2010-03-10	All	If VLANs are learned over GVRP the redundancy recovery times are longer than on static configured VLANs, because the VLAN information must be relearned after reconfig through GVRP under circumstances.	It is not recommended to combine GVRP and fast redundancy.	No fix planned.
291	01.5.00	04.2.10	2010-03-10	L2P L3E L3P MACH4002-48+4G MS4128 (PowerMICE)	If on PowerMICE or MACH4002-48+4G a trunk is configured on ports 1/1 and 1/2, multicast routes must be relearned after 10 seconds.	-	Fixed in release 05.0.07.
292	01.0.00	04.2.10	2010-04-22	All	If a configuration is reloaded in a running system, the SNMPv1/2c community settings are lost and the default values of the communities are active.	Reboot switch.	Fixed in release 04.2.10, 05.0.08 and 05.1.01.





ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
293	01.0.00	04.2.10	2010-04-23	L2P L3E L3P MACH4002-24G/48G (XG)	If the ARP basic load in the network (e.g. caused by several parallel running HiVisions on Windows PCs) is higher than 30 packets / second, the management agent discards ARP packets, which can lead to sporadic non reachabilities of the agent. With Version 04.2.10 et seq. the limit is on 200 ARP packets / second.	For windows a registry patch is possible (Please contact our service for that).	Fixed in release 04.2.10, 05.0.08 and 05.1.01.
294	01.0.00	no fix	2010-04-29	Basic RSB20 L2B L2E MS20/30 Octopus 8M/16M/24M Octopus OSB20/24 RS20/30/40	On all L2B and L2E devices IGMP Snooping can process only 20 IGMP control packets at the same time. This can lead in overload situations to a loss of IGMP control packets.	Use the setting "Unknown Multicast: Send To All Ports".	No fix planned.
295	04.1.00	04.2.10	2010-05-12	All	GVRP allows updates from ports marked as forbidden.	-	Fixed in release 04.2.10, 05.0.08 and 05.1.01.
296	01.0.00	05.0.00	2010-05-17	L2P L3E L3P MACH4002-24G/48G (XG)	On trunks sporadically the MACH4002-24G/48G learns some addresses not and floods this traffic.	-	Fixed in release 05.0.00.
297	01.0.00	05.0.07	2010-05-18	L3E L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	In vlan-single-mac-mode the portrouter has the same MAC address as the port, this can lead to management non reachabilities in redundant networks.	-	Fixed in release 05.0.07.
298	05.0.07	05.0.08	2010-05-19	All	Deleted VLANs are not saved in the (binary) configuration if no other VLAN changes are made.	After deleting a VLAN do some other VLAN changes.	Fixed in release 05.0.08.
299	06.0.00	08.0.02	2010-05-27	L2P L3E L3P MS4128 (PowerMICE)	The PowerMICE L3E (pml3E) 06.0.00 software does not support the old MS4128-5 hardware anymore. This results from the low total memory of this device. If the software detects this constellation (pml3E-06.0.00 with MS4128-5) an event log entry is made (S_watson_UNSUPPORTED_HARDWARE).	-	Fixed in 07.1.06 and 08.0.02 by removing ProfINET feature from the L3E image.
300	01.0.00	04.2.10	2010-06-15	All	Fragmented ICMP packets (ICMP length > 1472) that are sent to the management agent, will be discarded since software release 04.2.10, 05.0.08, 05.1.01.	-	No fix planned.
301	05.0.00	05.0.08	2010-06-23	L2B L2E L2P RS20/30/40	The redundant ring coupling is configured correctly as two switch coupling with or without control link. If the device status is configured to monitor Ring/Network Coupling on the ring coupling device with the standby link, the relay is open although the coupling reports redundancy guaranteed.	-	Fixed in release 05.0.08, 05.1.01 and 06.0.00.
302	01.0.00	05.0.08	2010-07-01	L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	Under some circumstances OSPF can get instable if the router is used as an area border router with more than one area.	-	Fixed in release 05.0.08, 05.1.01 and 06.0.00.
303	05.0.00	05.0.08	2010-07-02	All	Undefined hardware states don't affect the feature "Disable a restart due to an undefined software state".	-	Fixed in release 05.0.08, 05.1.01 and 06.0.00.
304	01.0.00	04.2.10	2010-07-06	All	The CLI error counter for the internal management port increments although there are no erroneous packets received.	-	Fixed in release 04.2.10 and 05.0.08.
305	01.0.00	05.0.09	2010-07-16	All	It is possible that a PoE device (NAS) is not detected if it's plugged in while the switch is running.	Turn the PoE admin state for this port off, then wait a second and turn it on again. Or do not hot plug such devices.	Fixed in release 05.0.09 and 06.0.01.
306	01.0.00	05.0.11	2011-02-01	L2E L2P Octopus 8M/16M/24M	In very seldom cases on Octopus devices with micro FX ports the temperature sensor may send implausible values.	Reboot switch (power cycle).	No fix planned.
307	01.0.00	06.0.00	2010-08-09	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	Combination of shared vlan learning (SVL) and dynamic VLANs (GVRP) sporadically results in reduced accessibility of management.	Disable GVRP, fix VLAN settings.	Fixed in release 06.0.00.
308	06.0.00	no fix	2010-08-12	All	If GVRP is used together with MSTP, the VLANs of the MSTI instances with MSTI > 0 (1,2,3, ...) will not be propagated over GVRP. VLAN information about the VLANs, that are assigned to the IST (MSTI = 0) are propagated correct.	-	No fix planned.
309	01.0.00	06.0.01	2010-08-17	All	In the webinterface trap dialog the SNMP community is not configurable.	Use CLI for configuration of the parameter.	Fixed in release 06.0.01.
310	04.2.08	05.0.09	2010-08-17	All	The redundancy trap may not be received in the segment which is connected to the redundant ring port of the ring manager when the ring will be broken.	-	Fixed in release 05.0.09 and 06.0.01.
311	01.0.00	05.0.09	2010-08-30	L3E L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	After 248.5 system up days DVMRP stops working.	-	Fixed in release 05.0.09 and 06.0.01.
312	01.0.06	05.0.09	2010-09-06	All	If port mirroring in VLAN0 transparent mode is activated, then in some cases the device does a warmstart.	-	Fixed in release 05.0.09 and 06.0.01.
313	06.0.00	06.0.01	2010-09-24	L3E L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If the port status of an RSTP line changes in MRP compatibility mode, the addresses are removed not until the aging time expires on the MRP ring ports.	-	Fixed in release 06.0.01.
314	01.0.00	05.0.10	2010-10-22	All	The telnet connection can sporadically be disrupted after the command "show port all", if telnet connections have often been timed out instead closed normally with the command "logout".	Avoid Telnet timeout; use always CLI command "logout".	Fixed in release 05.0.10 and 06.0.02.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
315	01.0.00	06.0.04	2011-05-20	All	Configuration parameter "SNMP V3 data encryption" was not saved persistent. Also the description of this parameter is misleading and was changed to "Accept only encrypted requests" in 07.0.00.	After reboot reconfigure the "SNMP V3 data encryption" parameter.	Fixed in release 06.0.04 and 07.0.00. After update from versions before 07.0.00 please ensure that the parameter is set correctly.
316	01.0.00	06.0.04	2011-05-23	All	If the redundant ring coupling is deleted and the configuration is saved the software shows "NotInSync" after reboot.	-	Fixed in release 06.0.04 and 07.0.01.
317	06.0.00	06.0.02	2010-10-28	MACH1040 (GE)	If a multicast is received on a vlan routing interface with igmp snooping enabled and forward-unknown is set to discard, the packet is not routed. Before 06.0.02 this was also true for port based routing interfaces.	Configure forward-unknown to query-ports.	Fixed for port based routing in release 06.0.02 and 07.0.01.
318	01.0.00	no fix	2010-11-02	All	Short network loop events in the HIPER ring occur if a switch (that is connected to a ring switch) is incorrectly configured and the following conditions are fulfilled: 1. Connected switch is incorrectly configured as ring switch (e.g. both DIP switches of a railswitch are set to OFF) 2. The incorrectly as "ring port" configured port is connected to a ring switch (using a non ring port) 3. With the other incorrectly as "ring ports" configured ports this switch is connected to an end device 4. The link to this end device changes from up to down	Check the configuration of the devices that are attached to the ring on non ring ports. If possible avoid connecting ring ports to non ring ports.	No fix planned.
319	01.0.00	05.0.10	2010-11-10	All	Sporadically after a reboot the physical LAG members are not member in vlans. As a result the LAG port neither sends nor receives data.	Reboot or reconfigure (exclude and include) vlans on LAG ports.	Fixed in release 05.0.10 and 06.0.02.
320	01.0.00	04.2.10	2009-04-09	All	Under circumstances the SNMP counter hmlfaceUtilization shows too high values.	-	Fixed in release 04.2.10 and 05.0.07.
321	01.0.00	06.0.04	2011-05-12	MACH102 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	On devices with more than 10 ports sporadically learned unicast addresses are shown for a short time on the wrong port. This affects also port security.	-	Fixed in release 06.0.04 and 07.0.01.
322	00.0.00	06.0.04	2011-04-06	MACH1040 (GE)	The Fast Hiper Ring floods the ring test packets on all ports if the SFP on a ring port is plugged out. The flooding stops if the ring port gets a new link.	After changing a SFP establish link again.	Fixed in release 06.0.04 and 07.0.00.
323	05.0.00	05.1.00	2009-08-20	All	Sporadically the CPU utilization shows wrong values.	-	Fixed in release 05.0.10, 05.1.00 and 06.0.00.
324	00.0.00	05.0.10	2010-11-10	MS20/30 RS20/30/40	The configuration is shown after reboot as not saved when configuring a railswitch or MICE via DIP switches or when using ring coupling.	-	Fixed in release 05.0.10 and 06.0.02.
325	04.0.00	05.0.10	2010-11-16	RSR	The webinterface dialog "Signal Contact" shows only one signal contact on RSR devices shipped with one power supply.	Configure second signal contact over CLI or SNMP.	Fixed in release 05.0.10 and 06.0.02.
326	04.0.00	05.0.10	2010-10-25	RSR	Port 1 on RSR20 with 8 TX ports switches internally to autonegotiation after reboot even when configured to a fixed speed. Depending on the partner configuration this can cause a half / full duplex mismatch.	Configure port to autonegotiation.	Fixed in release 05.0.10 and 06.0.02.
327	01.5.00	06.0.03	2011-01-04	L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	For Multicast-Streams with a TTL <= 1, an entry is added to the MC Routing Table.	-	Fixed in release 06.0.03 and 07.0.00.
328	06.0.00	06.0.03	2011-01-17	All	If MSTP is enabled and the management VLAN is set not to CIST VLAN, the switch management is not reachable over a port that is blocked in CIST VLAN and is not blocked in the management VLAN.	Configure management VLAN to CIST VLAN on devices with ports < 11.	Fixed in release 06.0.03 and 07.0.00.
329	06.0.00	06.0.04	2011-04-06	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	Autosensing is not working properly if the port speed is manually configured after reboot between 100 and 10 MBit.	Configure the desired speed and reboot the device.	Fixed in release 06.0.04 and 07.0.00.
330	05.0.00	05.0.11	2011-01-26	All	If the management VLAN is changed (from e.g. 1 to 101) the management is not reachable anymore from stations that have already communicated with the switch management, although the VLAN configuration is correct.	Clear address table.	Fixed in release 05.0.11 and 06.0.03.
331	01.0.00	06.0.04	2011-06-01	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	The software does not show if MAC addresses can not be learned due to a hash table collision. A hash table collision can occur if many incremented addresses are learned. The traffic will then be flooded.	-	Fixed in release 06.0.04 and 07.0.01.
332	05.0.00	05.0.11	2011-02-10	All	There are two padding bytes missing in the Linkup and Linkdown MRP packets. This can increase the ring recovery time if the MRP advanced mode is activated and a redundancy manager with software < 05.0.00 is used. Since 05.0.00 the redundancy manager can interpret both packet types.	-	Fixed in release 05.0.11 and 06.0.03.
333	04.1.00	05.0.11	2011-02-09	All	If the DHCP server is rebooted, a DHCP client does not get his requested IP again from the static pool if the client answers to the ping request of the DHCP server. This optional ping is not sent anymore beginning with version 05.0.11 and 06.0.03.	-	Fixed in release 05.0.11 and 06.0.03.
334	05.1.00	06.0.04	2011-04-15	All	The status (alarm, warning, ok) display of the SFP receive power is sometimes not correct. SFP specific threshold values not considered.	-	Fixed in release 06.0.04 and 07.0.00.
335	01.0.00	06.0.03	2011-02-23	L2E	There can be a persistent reboot on L2E if too much VLANs (>100) are configured and the management VLAN is set to 0 and SNTP is enabled.	-	Fixed in release 06.0.03 and 07.0.00.
336	05.0.00	06.0.03	2011-03-21	L3P	After reboot the ACLs on trunk interfaces do not work properly.	-	Fixed in release 06.0.03 and 07.0.00.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
337	06.0.00	06.0.03	2011-03-04	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	The port security trap shows a wrong message "connected user 00:00:00:00:00:00".	-	Fixed in release 06.0.03 and 07.0.00.
338	06.0.00	06.0.03	2011-03-09	MACH1040 (GE)	The Fast HIPER-Ring ports are blocked if a VLAN is created or deleted.	To unblock the ports both links must go down and up.	Fixed in release 06.0.03 and 07.0.00.
339	01.0.00		2011-02-28	L3E L3P	The CLI command "show ip routes" does not react consistently in the case when routes are configured statically and the same routes are propagated over OSPF or RIP. The routes that are learned over OSPF are shown additionally, but the routes that are learned over RIP are not shown.	-	No fix planned.
340	06.0.03	06.0.04	2011-04-11	L2E MS20/30	On MS20/30 enhanced software variants there is no direct update from releases < 06.0.02 to release 06.0.03 possible.	Make first an update to release 06.0.02 and then an update to the higher version.	Fixed in release 06.0.04.
341	06.0.00	06.0.04	2011-04-04	MACH4002-24G/48 G (XG)	There can be a communication loss after reboot on MACH4000XG when routing is enabled and no port is configured into VLAN 1.	-	Fixed in release 06.0.04 and 07.0.00.
342	01.0.00	06.0.04	2011-06-10	L3E L3P	In the webinterface VLAN routing wizard the remove button for the secondary addresses does not work.	Use the dialog "Routing/Interfaces/Secondary Addresses" to remove the addresses.	Fixed in release 06.0.04 and 07.0.01.
343	06.0.00	no fix	2011-05-16	L2P L3E L3P	The Configuration Check Dialog in the Web Interface can not handle more than 40 VLANs on a port.	Ignore reported errors from the 41st configured VLAN.	No fix planned.
344	07.0.00	no fix	2011-05-17	MACH4002-24G/48 G (XG) MACH4002-48+4G	802.1x may not forward traffic for a none voice client authenticated to the same VLAN (e.g. via radius) as Voice VLAN.	Use Voice VLAN only for voice devices which follow the configured voice policy.	No fix planned.
345	07.0.01	07.0.03	2011-07-07	L3P	Due to hardware limitations the number of multicast routes which can be handled by DVMRP is limited to 512. In previous software versions it was possible to create a network that uses more multicasts as long as any single router has not more than 512 multicast routes in its hardware tables (i.e. locally attached or forwarding).	Use release 06.0.0x or earlier.	Fixed in release 07.0.03.
346	06.0.00	06.0.05	2011-07-21	MACH1020/1030 RSR	On RSR and MACH1020/30 RSTP and link aggregation does not work together.	-	Fixed in release 06.0.05 and 07.0.02.
349	01.0.00	06.0.06	2011-08-08	MACH1020/1030	VLAN0 transparent mode is not working on port 2 and 3 on MACH1030 with four gigabit ports.	-	Fixed in release 06.0.06 and 07.0.03.
350	01.0.00		2011-08-29	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If the port mirroring destination port is still member of the VLANs that are mirrored, the destination port gets some duplicate frames, if the frame was generated on the destination port, if the frame is a broadcast or a known multicast.	This can be prevented with a reconfiguration of the destination port: Remove the destination port from all VLANs and set the port VLAN ID to an unused VLAN.	No fix planned.
351	07.0.00	07.1.03	2011-09-12	L2P L3E L3P	The summary field is missing in the webinterface configuration check dialog.	-	Fixed in release 07.0.03.
352	07.0.00	07.0.03	2011-09-06	L2E L2P	DCP multicasts, used to detect PROFINET devices in a LAN, are not forwarded to all ports, if PROFINET IO is disabled.	If PROFINET IO is enabled on the switch, the DCP multicast request are forwarded to all ports.	Fixed in release 07.0.03.
353	00.0.00		2011-07-28	All	If in a MRP ring switches from Hirschmann and Siemens are combined, than it is recommended that a Hirschmann switch is the MRP ring manager otherwise VLAN 0 transparent mode must be used.	Use Hirschmann switch as MRP ring manager or activate VLAN 0 transparent mode.	No fix planned.
354	01.0.00	06.0.07	2011-08-04	MS4128 (PowerMICE)	In seldom cases the forwarding data base is cleared each second if HIPER ring or dual homing is used.	-	Fixed in release 06.0.07 and 07.0.03.
355	01.0.00	06.0.07	2011-09-05	MACH4002-24G/48 G (XG)	Multicast routing does not work any longer if an ECMP default route is created or two default routes are distributed by OSPF with the same preference and metric.	-	Fixed in release 06.0.07 and 07.0.03.
356	03.0.00	07.0.03	2011-10-05	All	If Profinet is activated and SIMATIC STEP 7 version 5.5 is used in the network than the redundant ring port of the MRP manager is permanently disabled, which causes the loss of the redundancy.	Use a SIMATIC STEP 7 version older than 5.5 or disable Profinet on the device.	Fixed in release 07.0.03.
357	05.2.00	05.3.02	2011-10-07	Basic RSB20 L2B Octopus OSB20/24	In some cases using wrong images for an update process leads to the situation, where no more update is possible on the device. It is more likely to happen if the image size if above 5 MByte.	Reboot the device and try again with correct file	No fix planned.
358	01.0.00		2011-11-24	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If the port mirroring destination port has a different VLAN member and tag configuration than the source port, the VLAN information may get lost in the copied frame.	For ingress packets this can be prevented with a reconfiguration of the destination port: Set the VLAN member and tag configuration to the same VLAN configuration as the source port.	No fix planned.
359	01.0.00	no fix	2011-11-25	MS20/30	On gigabit SFP links (also in the HIPER ring) it is recommended to use autonegotiation instead of fixed configured speed and duplex.	-	No change planned.
359	07.0.00	07.0.04	2011-10-28	L3E L3P	LAG ports can not be configured as HIPER ring ports in the web interface.	Use CLI instead.	Fixed in release 07.0.04.
360	07.0.00	07.0.04	2011-12-13	L2P L3E L3P MS20/30 MS4128 (PowerMICE)	The digital IO module is causing a memory leak (which can lead to a reboot) if the source for this output is invalid or not reachable.	-	Fixed in release 07.0.04.
361	01.0.00	06.0.08	2011-10-27	RSR	VLAN0 transparent mode is not working on port 3 on the RSR variants with 10 ports.	-	Fixed in release 06.0.08 and 07.0.04.
362	06.0.00	07.0.04	2011-10-27	L3P MACH1040 (GE)	If a static route (not default route) contains the subnet of a local router interface, then packets matching this static route are flooded to the cpu instead of being forwarded to the Next Hop.	Use a default route instead a special route.	Fixed in release 07.0.04.
363	05.0.00	07.0.04	2011-10-27	All	The webinterface configuration check dialog shows wrongly an error if a MRP client is connected to a Subring manager.  Errormessage: HR_003: MRP remote not configured	-	Fixed in release 07.0.04.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
364	01.0.00	07.0.04	2011-12-20	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	The duplex workaround reset (See issue #70) is now configurable.	-	Fixed in release 07.0.04 and 07.1.00.
365	01.0.00	07.0.04	2012-01-30	L3P	A permanent reboot can occur, if - a multicast routing protocol like DVMRP, PIM-DM or PIM-SM is active and is saved, - the software is downgraded to a lower version, - the multicast protocol is changed and saved and - the software is upgraded to a higher version.	Delete the configuration after downgrading the software.	Fixed in release 07.0.04 and 07.1.01.
366	04.2.00	07.0.04	2011-12-01	MACH1020/1030	The static or with IGMP learned FDB filter entries on port 1/2 and 1/3 do not work correctly on the MACH1030 variant with 4 Gigabit ports.	-	Fixed in release 07.0.04.
367	05.1.00	07.0.04	2011-11-03	MACH104 (GE) MACH1040 (GE)	On blocked ports illegal IGMP query packets are accepted.	-	Fixed in release 07.0.04.
368	07.0.00	07.0.04	2011-11-07	L2P L3P MACH104 (GE) MACH1040 (GE)	The asymmetry correction of the PTPv2 Transparent Clock is not working on MACH1040 and MACH104.	-	Fixed in release 07.0.04.
369	04.2.00	07.0.04	2011-12-05	MACH102	The MACH102 shows sporadically a wrong module serial number in the HTML SystemInfo.	-	Fixed in release 07.0.04.
370	03.0.01	07.0.04	2011-12-05	MACH1020/1030	In seldom cases the MACH1020/30 sends a link up/down trap on ports that are not available.	-	Fixed in release 07.0.04.
371	01.0.03	06.0.08	2012-02-01	L3P	A reboot occurs under some circumstances if DVMRP is enabled and an invalid route is received.	-	Fixed in release 06.0.08.
372	07.0.00	07.0.04	2012-01-02	L3P	Several Multicast routing issues regarding the protocols PIM-DM and PIM-SM were fixed in version 07.0.04 and 07.1.00.	-	Fixed in release 07.0.04 and 07.1.00.
373	01.0.00	07.0.04	2011-06-16	L3E	If the IP address settings of a router interface with secondary IP addresses (Multinetting) are modified while RIP is active, then the change is only applied for the last IP address.	After changing the IP address settings on a router interface disable and reenale routing on this interface.	Fixed in release 07.0.04.
374	07.0.00	07.0.04	2012-01-11	All	After changing the password in the webinterface an error is shown although the new password is set.	-	Fixed in release 07.0.04 and 07.1.01.
375	07.0.00	07.0.04	2011-10-19	L2E	In the webinterface the offline configuration file (OCF) can not be saved on devices with L2E software.	-	Fixed in release 07.0.04.
376	07.0.00		2011-09-27	L3P	DVMRP does not work together with IGMPv3.	Use IGMPv1 or v2.	No fix planned.
377	07.1.01	07.1.02	2012-03-23	MACH104 (GE) MACH1040 (GE)	MACH1040 L3P with version 07.1.01 reboots if ACA21 is plugged.	Unplug ACA21 and update to 07.1.02 or higher.	Fixed in release 07.1.02.
378	07.1.01	07.1.02	2012-03-26	L3E MACH4002-24G/48G (XG)	MACH4002 24G/48G with version 07.1.01 can't boot if no configuration is present.	Apply configuration via ACA21 and update to 07.1.02 or higher.	Fixed in release 07.1.02.
379	01.0.00	07.0.05	2012-03-05	All	For some types of SFPs incorrect temperature and Rx/Tx power values are displayed.	-	Fixed in release 06.0.10, 07.0.05 and 07.1.01.
380	01.0.00	07.0.05	2012-02-23	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	If Port Mirroring is switched off in VLAN-0-Transparent Mode connections to destination port are lost.	Switch VLAN-0-Transparent Mode off and on again.	Fixed in release 07.0.05 and 07.1.03.
381	05.1.00	06.0.09	2012-03-12	L3P MACH1040 (GE)	MACH1040 VLAN settings sporadically differ from configuration after reboot.	-	Fixed in release 06.0.09, 07.0.05 and 07.1.03
382	04.1.00	06.0.09	2012-04-05	L2E MACH102 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	Some traffic pattern can cause MRP ring switch-overs when MRP recovery time is set to 200 ms.	Change MRP recovery time to 500 ms.	Fixed in release 06.0.09, 07.0.05 and 07.1.03.
383	01.0.00	06.0.09	2012-03-23	L3P	A reboot can occur under rare multicast overload conditions with activated DVMRP.	-	Fixed in release 06.0.09 and 07.1.03.
384	06.0.08	06.0.09	2012-03-26	MACH4002-24G/48G (XG)	MACH4002 24G/48G with Version 06.0.08 or 07.1.01 does not show PSU information.	-	Fixed in release 06.0.09 and 07.1.02.
385	06.0.00	06.0.10	2012-07-03	MACH4002-24G/48G (XG)	MACH 4002-24G/48G is not reachable any more if a VLAN is added in shared vlan-learning mode with management VLAN set to 0.	Save configuration via v.24 and reboot or set the management VLAN different to 0 before adding a VLAN.	Fixed in release 06.0.10 and 07.1.03.
386	05.1.00	06.0.10	2012-06-04	MACH104 (GE) MACH1040 (GE)	Software update sporadically fails on MACH1040 and MACH104.	Close all Web based interfaces while updating. If update is done via Web interface please wait after login until the System page is completely loaded. Then switch to the Software page and do the update.	Fixed in release 06.0.10 and 07.1.03.
387	07.1.00	07.1.03	2012-05-21	L2P L3E L3P	No access to WEB-Interface if RADIUS authentication is used together with HTTPS and enabled snmp encryption.	-	Fixed in release 07.1.03.
388	02.0.00	06.0.10	2012-06-25	MACH4002-24G/48G (XG)	Maximum number of ACLs on MACH4002 24G/48G is only 480.	-	Since release 06.0.10 and 07.1.03 up to 1000 IP based ACLs are supported. If MAC ACLs are used the total amount of ACLs is reduced (minimum 500).
389	01.5.00	06.0.10	2012-06-14	L3E L3P MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE)	A FDB flush packet is forwarded on a port based router interface. Depending on the topology this can cause a loop of this packet.	-	Fixed in release 06.0.10 and 07.1.03
390	07.0.00	07.0.06	2012-06-29	MACH1040 (GE)	On MACH1040 routing over Link aggregated (LAG) ports can cause packet loss.	-	Fixed in release 07.0.06 and 07.1.03.
391	05.2.00	05.3.01	2010-12-08	Basic RSB20 L2B Octopus OSB20/24	Due to tolerance of electronic parts there are few cases in which the hardware register settings do not cover these tolerances. This can in rare cases result in reboots of the device. In the event log can be found events like S_watson_WATCHDOG_RESET which can be an indicator for this issue.	Upgrade to 05.3.01 (also change Bootcode). This will provide different hardware register settings in order to improve long-term stability.	Devices with Bootcode Rel. 05.3.01 or later do not show this issue. Only hardware with HW Revision 1.xy might show up the issue, HW Revision 2.xy and 3.xy are not affected.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
392	01.0.00	06.0.10	2012-07-18	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	In rare cases, the port security disables ports with MAC addresses that were learned from another port.	-	Fixed in release 06.0.10 and 07.1.04.
393	01.0.00	06.0.10	2012-07-18	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	IGMP frames are always sent with priority 0 if IGMP snooping is enabled.	-	Since release 06.0.10 and 07.1.04 IGMP frames are sent with priority 6.
394	01.0.00	06.0.10	2012-08-15	All	The SSH client transmits the first packet incorrectly. The first packet is transmitted without a password. This can lead to a blocked RADIUS account.	-	Fixed in release 06.0.10, 07.0.04 and 07.1.00.
395	07.1.03	07.1.04	2012-07-25	MACH4002-24G/48 G (XG)	ACLs cannot be applied to a Link aggregated (LAG) port.	-	Fixed in release 07.1.04.
396	04.0.00	06.0.10	2012-08-30	L2P	A script including rmon-alarm settings cannot be applied.	-	Fixed in release 06.0.10 and 07.1.04.
397	07.0.00	07.1.04	2012-09-10	L2P MACH102 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	Link flap monitoring does not work correctly after the first time a port was disabled via link flap and then reenabled.	-	Fixed in release 07.1.04.
398	02.0.00	07.1.04	2012-09-20	MACH4002-24G/48 G (XG)	Sometimes the interface utilization shows values above 100%.	-	Fixed in release 07.1.04.
399	01.0.00	06.0.11	2012-10-01	All	It is not possible with HiDiscovery to set a Class B IP address with zero as last octet.	Set a different IP with any number except zero as the last octet and the class B netmask 255.255.0.0 first. Then set the IP with zero in last octet.	Fixed in release 06.0.11 and 07.1.04.
400	07.1.03	07.1.04	2012-10-02	L2P L3E L3P	A radius authenticated user is not able to save a script file to a PC using the Web based interface.	Use the command line interface to save the script file.	Fixed in release 07.1.04.
401	07.0.00	07.1.04	2012-10-12	L2P	A script including ARC (Advanced Ring Configuration) settings cannot be applied.	-	Fixed in release 07.1.04.
402	03.0.00	06.0.11	2012-10-16	MACH102 MACH1020/1030 RS20/30/40 RSR	As soon as a FAST-SFP is plugged into a gigabit capable SFP ports the CPU load of the device increases a lot.	-	Fixed in release 06.0.11 and 07.1.04.
403	03.0.00	07.1.04	2012-06-26	MACH4002-24G/48 G (XG)	In rare cases, Multicast streams learned by IGMP-Snooping are flooded.	-	Fixed in release 07.1.04.
404	05.1.00	06.0.11	2012-10-23	MACH104 (GE) MACH1040 (GE)	In rare cases, PTP sends a wrong time stamp in a single Follow-Up message if PTP is used together with the P2P delay mechanism.	-	Fixed in release 06.0.11 and 07.1.04.
405	06.0.09	06.0.12	2013-01-09	L3P	PIM-DM and DVMRP: Multicasts routes can not be relearned immediately in the first 190 s after aging.	-	Fixed in release 06.0.12.
406	06.0.00	07.1.05	2013-01-29	MACH4002-24G/48 G (XG) MACH4002-48+4G	The MACH4000 does not recognize the de-installation of a PSU in a M4-Power Chassis.	-	Fixed in release 07.1.05.
407	07.1.04	07.1.05	2012-12-06	MACH1020/1030 Octopus 8M/16M/24M RS20/30/40 RSR	With version 07.1.04 in some configurations no link is established with 100MBit optical ports.	-	Fixed in release 07.1.05.
408	01.0.00	07.1.05	2012-09-11	L3P MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	If two VRRP routers with enabled IGMP-snooping are setup to use the same virtual and interface IP address, none of the routers change their VRRP state to slave.	Change IGMP-snooping to send unknown multicast to all ports or use a different IP addresses on the VRRP routers.	Fixed in release 07.1.05.
409	07.0.03	07.1.05	2012-12-11	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	If IGMP-snooping is enabled and forward-unknown multicast is set to discard or query-ports, unknown multicast are still flooded on some ports.	-	Fixed in release 07.1.05.
410	01.0.00	06.0.14	2013-02-01	L3P	In rare cases, a router with OSPF enabled erratically reboots. This condition may be identified when the error message "ERROR DEADBEEF" is present in the event log.	-	Fixed in release 07.1.05 and 08.0.00.
411	00.0.00	07.1.05	2012-10-08	L3E L3P	The VRRP authentication key is limited to 7 characters but the VRRP webinterface dialog allows the input of more characters.	Limit your input to 7 characters.	Fixed in release 07.1.05.
412	06.0.10	06.0.11	2012-11-27	MACH104 (GE) MACH1040 (GE)	After a HTTP Software update interruption, the main and backup images are deleted on the device.	-	Fixed in release 06.0.11 and 07.1.05.
413	07.1.00	07.1.05	2012-11-28	L3P	In rare cases the CPU utilization remains at 100% if HTTPS is enabled.	Disable HTTPS and enable again.	Fixed in release 07.1.05.
414	07.0.00	07.1.05	2013-01-22	L3P	If PIM-SM is used with a very high number of streams, the recovery time can be very long.	-	Fixed in release 07.1.05 and 08.0.00.
415	01.0.00	07.1.05	2013-01-22	All	The DHCP client refuses offers if the IP header checksum of the DHCP offer packet starts with 0x11.	-	Fixed in release 07.1.05, 08.0.00 and 05.3.03.
416	07.1.03	07.1.05	2012-10-30	MACH104 (GE)	On a MACH104 with 10Gbit ports XFPs are not detected.	-	Fixed in release 07.1.03.
418	06.0.00	07.1.06	2013-05-21	MACH1040 (GE)	Access lists containing the icmp protocol and a mask will block all icmp traffic.	-	Fixed in release 08.0.00 and 07.1.06.
419	04.0.00	08.0.00	2011-09-20	All	Port utilization alarm thresholds can't be configured using the CLI.	Use the Web interface for the configuration.	Fixed in release 08.0.00.
420	02.0.00	08.0.00	2011-08-18	MACH4002-48+4G MS4128 (PowerMICE)	If you enable IGMP snooping before you enable RIP and the IGMP unknown multicasts function is not set to "send to all ports", then RIP does not work.	Save the configuration and reboot the device.	Fixed in release 08.0.00.
421	01.0.00	07.1.06	2013-04-30	L3P	With PIMSM in certain topologies, only the first multicast group is properly registered on the Rendezvous Point (RP). This leads to an unexpected flooding of additional streams toward the RP.	-	Fixed in release 08.0.00 and 07.1.06.
422	01.0.00	08.0.00	2011-10-06	All	The IGMP querier interval is about 5% faster than the configured interval.	-	Fixed in release 08.0.00 and 07.1.06.
423	05.1.00	08.0.00	2011-10-12	MACH104 (GE) MACH1040 (GE)	Port prioritization settings are only applied after a reboot.	Save configuration and reboot device.	Fixed in release 08.0.00 and 07.1.06.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
424	08.0.00		2013-04-19	L2P L3P MACH104 (GE) MACH1040 (GE)	If Egress Limiting is used with Jumbo Frames, only the first 1522 bytes are counted for each packet.	-	No change planned.
425	06.0.00	08.0.00	2013-02-14	L3P MACH1040 (GE)	On the MAR1040 L3P device, storm-control and traffic-shaping can be configured at the same time, but only the last configured function is used.	Use the functions one at a time.	Fixed in release 08.0.00 and 07.1.06.
426	01.0.00	07.1.06	2013-05-17	All	Periodic SSH connections can lead to loss of memory. This could cause the device to reboot.	-	Fixed in release 08.0.00 and 07.1.06.
427	01.0.00	08.0.01	2013-04-24	MACH4002-24G/48 G (XG)	The command "set igmp querier max-response-time" has no effect on MACH4002-24G/48G (XG) devices. The used max-response time is always 10 seconds.	-	Fixed in release 08.0.01 and 07.1.06.
428	04.0.00	08.0.01	2013-02-25	All MACH102 MS20/30 Octopus 8M/16M/24M RS20/30/40	PROFINET topology detection could cause a reboot if a lot of devices are connected.	-	Fixed in release 08.0.01 and 07.1.06.
429	08.0.00	08.0.01	2013-05-27	All	Web access will fail if the user password was changed via CLI in versions prior to 08.0.00.	Reconfigure the password or set same password again via CLI.	Fixed in release 08.0.01.
430	08.0.00	08.0.01	2013-06-19	L2P L3P MACH104 (GE) MACH1040 (GE)	Saved Port Mirroring configuration could lead to a continuous reboot.	Clear configuration in System Monitor 1.	Fixed in release 08.0.01.
431	05.1.00	08.0.01	2013-05-29	MACH104 (GE) MACH1040 (GE)	The Redundant Ring-Coupling with aggregated links in the local ring or in the connected ring/network is not working on MACH1040 and MACH104.	-	Fixed in release 08.0.01 and 07.1.06.
432	07.0.00	08.0.01	2013-05-07	L3P	Multicast streams learned by PIM-SM might be lost permanently if the best path to RP is lost.	Disable and enable PIM-SM.	Fixed in release 08.0.01 and 07.1.06.
433	07.0.00	08.0.01	2013-05-08	L2P L3E L3P	A VLAN cannot be created as static vlan if it is already learned by GVRP.	Create VLAN before enabling GVRP.	Fixed in release 08.0.01 and 07.1.06.
434	08.0.00	08.0.01	2013-06-27	All	SSH keys are not automatically generated if device was rebooted during the key generation.	Upload own SSH keys to the device.	Fixed in release 08.0.01.
435	01.0.00	07.1.06	2013-07-17	MACH1020/1030	In seldom cases a loop can occur if the Fast Hiper-Ring redundancy manager is rebooted.	-	Fixed in release 08.0.01 and 07.1.06.
436	01.0.00	07.1.06	2013-07-17	All	Some types of SFP transceivers report that their receive power state is OK even there is no link established.	-	Fixed in release 08.0.01 and 07.1.06.
437	04.0.00	07.1.06	2013-07-17	RSR	On the following device types, certain fiber ports may report link up even Far End Fault Indication (FEFI) has disabled the link: - RSR20 with 2 fiber ports: port 1 is affected - RSR20 with 3 fiber ports: port 1 and 3 is affected - RSR30 with 2 combo ports or 2 Gigabit SFPs: port 3 is affected	-	Fixed in release 08.0.01 and 07.1.06.
438	07.0.01	07.1.06	2013-07-17	L3P	In LANs with two outgoing PIM-SM router, streams are lost if the designated router is rebooted.	-	Fixed in release 08.0.01 and 07.1.06.
439	07.1.04	07.1.06	2013-07-17	MACH1020/1030	Multicasts streams are flooded after link change even GMRP is set to discard unknown traffic.	-	Fixed in release 08.0.00 and 07.1.06.
440	03.0.00	07.1.06	2013-07-23	All	MRP sporadically does not recognize a link on ringports after reboot. In CLI "show mrp" says "not connected" while "show port all" says "link up".	-	Fixed in release 08.0.02 and 07.1.06.
441	08.0.00	08.0.02	2013-08-13	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	ARP entries are not always deleted on link down.	-	Fixed in release 08.0.02.
442	06.0.00	08.0.02	2013-07-31	All	Profinet LLDP extensions are not recognized by other switches.	-	Fixed in release 08.0.02.
443	01.0.00	08.0.02	2013-07-31	MACH102 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	The Profinet connection between the CPU and the switch is sporadically lost in setups with numerous devices.	-	Fixed in release 08.0.02.
444	02.1.00	08.0.02	2013-08-02	MACH4002-24G/48 G (XG)	On 10G ports with XFPs, occasionally, link cannot be established.	-	Fixed in release 08.0.02.
445	01.0.00	08.0.02	2013-06-26	MACH102 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	Device responds very slow if more than 100 VLANs are configured.	-	Fixed in release 08.0.02. With this fix, the number of VLANs that the Broadcast limiter can handle is limited to the first 96 VLANs.
446	01.0.00	08.0.02	2013-08-07	All	The Profinet RT-frame periods was off by about 20% of the configured value.	-	Fixed in release 08.0.02.
447	01.0.00	08.0.02	2013-08-13	All	On a device with more than 10 ports, after a reboot, flow-control did not function between all ports.	Disable and re-enable flow-control after each reboot.	Fixed in release 08.0.02.
448	07.0.00	08.0.02	2013-08-13	L3P	When using PIM-SM with a high amount of streams in redundancy scenarios, some streams could be lost.	-	Fixed in release 08.0.02.
449	00.0.00	08.0.03	2013-09-06	MACH4002-24G/48 G (XG) MS4128 (PowerMICE)	In some cases a reboot could occur if port mirroring is disabled.	-	Fixed in release 08.0.03.
450	00.0.00	08.0.03	2013-10-30	MACH102	The CLI pre login banner doesn't appear when connecting with SSH.	-	Fixed in release 08.0.03.
451	01.0.00	08.0.03	2013-10-14	MACH104 (GE) MACH1040 (GE)	In PTP E2E-Transparent Clock mode the correction fields can have wrong numbers for a few seconds after a Master change.	-	Fixed in release 08.0.03.
452	05.2.00	05.3.03	2013-03-05	Basic RSB20 L2B Octopus OSB20/24	The DHCP client refuses some offers in specific IP ranges. examples are IP 10.1.30.x and 10.2.30.x.	Use different IP addresses or choose fixed IP settings.	Fixed in release 05.3.03.
453	05.2.00	05.3.03	2013-09-20	Basic RSB20	If you want to use the DHCP option 82 feature and choose the type "other", the first two octets were coded as 0xA6, 0x04, using web interface. They should note as 0xA3, 0x04 instead.	Use command line interface if you want to use the type "other".	Fixed in release 05.3.03.
454	05.2.00	05.3.03	2013-07-01	Basic RSB20 L2B Octopus OSB20/24	In very rare cases it can happen that the switch throughput decreases if there exist configuration errors in half /full-duplex settings of directly connected links.	reset the switch or update to Rel. 05.3.03.	Fixed in release 05.3.03.





ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
455	05.2.00	05.3.06	2014-09-15	Basic RSB20	In some cases, where IGMP snooping and LLDP both is enabled, the config status might change to "config has changed" if the are also link-up events on the switch.	A workaround is to modify the IGMP snooping settings: Setting the static query port to "enable" on all the ports where a possible querier is connected.	Fixed in release 05.3.06.
455	00.0.00	08.0.03	2013-11-06	MACH1040 (GE)	If ACL fragmentation is enabled an IP ACL does not match ARP packets.	-	Fixed in release 08.0.03.
456	05.2.00	05.3.07	2016-02-04	Basic RSB20 L2B Octopus OSB20/24	Some counters overflow after reaching the 32 bit limit, instead of using the whole 64 bit range. That means that the upper 32 bits will remain at zero.  The following counters show this behaviour: ifHCInOctets, ifHCInUcastPkts, ifHCInMulticastPkts, ifHCInBroadcastPkts, ifHCOctets, ifHCOUcastPkts, ifHCOOutMulticastPkts, ifHCOOutBroadcastPkts.  The outcome of this issue can possibly result in wrong counter arithmetic. For example, when calculating the network load within network management tools like Industrial HiVision.  Note: 64 bit counters are only visible using SNMP V3.	Use 32 bit counters instead and handle the 32 bit overflows outside of the device.	Fixed in release 05.3.07.
456	07.1.00	08.0.03	2013-11-07	All	The SSL certificate uses a RSA key with 1024 bit length. According to industry standards set by the Certification Authority/Browser (CA/B) Forum, certificates issued after January 1, 2014 must be at least 2048 bits. Some browser SSL implementations may reject keys less than 2048 bits after January 1, 2014. Additionally, some SSL certificate vendors may revoke certificates less than 2048 bits before January 1, 2014. Beginning with 08.0.03 the default certificate was changed to use a key with 2048 bit length. To regenerate an old default certificate use the CLI command "ip https certgen" and restart the https server or the device.	-	Fixed in release 08.0.03.
457	01.0.00	08.0.03	2013-09-11	L3P	If secondary IP addresses are used in a VRRP configuration it is not possible to remove the secondary addresses from the webinterface wizard.	-	Fixed in release 08.0.03.
458	01.0.00	08.0.03	2013-09-18	L2P	If the admin user is assigned to a reject list, an empty file is downloaded when saving the configuration as a script file.	-	Fixed in release 08.0.03.
459	06.0.00	08.0.03	2013-08-28	MACH1040 (GE)	MRP does not work, if the ring ports are used as core ports in double tagged VLANs.	-	Fixed in release 08.0.03.
460	06.0.00	08.0.03	2013-11-05	L3E L3P	In routed environments PTP management frames are sent multiple times by the same device.	-	Fixed in release 08.0.03.
461	01.0.00	08.0.04	2014-01-17	MS4128 (PowerMICE)	Beginning February 2014 flash disk on the motherboard of PowerMICE product family (MS4128) will be replaced due to discontinuation of currently used flash disk. As a result of this change the device software will not be fully downgrade compatible. Downgrade of the installed software will be only possible to the following versions:  · 05.0.10 ? 05.0.11 · 06.0.02 ? 06.0.11 · 07.0.00 ? 07.0.05 · 07.1.00 ? 07.1.06 · 08.0.00 ? 08.0.02  Note: Downgrade to any other version than stated above can result into flash reformat.	-	No fix planned.
462	08.0.00	08.0.03	2013-10-30	L2P	The Java Version 7 (Update 51) defaults to security settings which are appropriate for an open public network. With minimum manual effort our products' Graphical User Interface is able to coexist with these new stringent requirements.	In the Java Control Panel (Under Windows: Control Panel/Java) configure either of the following: - Change Security Level to medium - Add the device address to the exception site list (e.g.: https://192.168.99.1)	Fixed in release 08.0.03.
463	00.0.00	08.0.04	2013-12-17	L2P	The device drops SNMP requests coming from IP addresses that, in combination with the configured netmask, can be considered network addresses. This behavior is not valid when the originating IP address is from another subnet.	-	Fixed in release 08.0.04.
464	00.0.00	08.0.04	2013-12-23	RS20/30/40	Port security MAC address settings are not saved in the configuration script generated from CLI.	The MAC address settings are present in the configuration script generated from the Web interface.	Fixed in release 08.0.04.
465	00.0.00	08.0.04	2013-07-25	L2P	RADIUS VLAN assignment fails if the assigned VLAN ID equals the PVID of the port.	-	Fixed in release 08.0.04.
466	00.0.00	08.0.04	2013-09-04	MACH4002-24G/48 G (XG)	When running a cable test on a MACH4002XG that is also a ring manager, the ring breaks for a few seconds. Ring Coupling briefly stops in this situation as well.	-	Fixed in release 08.0.04.
467	01.0.00	08.0.04	2013-11-07	RS20/30/40	Link is not established after disabling autonegotiation for the GE SFP uplink on a RS30 device.	-	Fixed in release 08.0.04.
468	00.0.00	08.0.04	2013-12-12	All	Configuration script validation fails for MSTP commands.	-	Fixed in release 08.0.04.
469	00.0.00	08.0.04	2013-07-29	L3P	Routing cannot be enabled on a VLAN containing a running LAG via the web interface routing wizard.	This problem does not appear if the LAG is down, or if the settings are performed from the CLI.	Fixed in release 08.0.04.
471	08.0.02	08.0.05	2014-03-28	L3P	Under specific circumstances, the VRRP configuration wizard reports errors or produces incorrect results.	-	Fixed in release 08.0.05.
472	00.0.00	08.0.05	2014-03-11	L2P MACH104 (GE) MACH1040 (GE)	Strict prioritization does not work on MACH1040 L2P devices.	-	Fixed in release 08.0.05.
473	00.0.00	08.0.05	2014-03-14	MACH4002-24G/48 G (XG)	After clearing the device configuration, some SFP ports may fail to establish a link.	-	Fixed in release 08.0.05.
474	00.0.00	08.0.05	2014-04-15	MACH104 (GE) MACH1040 (GE)	Every time PTP is enabled, the system time is set back by the value which is configured as UTC offset.	-	Fixed in release 08.0.05.
475	00.0.00	08.0.05	2014-03-04	L2P RS20/30/40	When ProfiNET is enabled on a device having a system name which is invalid for ProfiNET, this protocol does not function properly.	Use only allowed characters in the system name.	Fixed in release 08.0.05.
476	00.0.00	08.0.05	2014-01-14	MS4128 (PowerMICE)	When deleting a dynamic VLAN, traffic is lost for a brief period of time in all other dynamic VLANs learnt by the device.	-	Fixed in release 08.0.05.
477	08.0.03	08.0.05	2014-02-04	All	The device may reboot when the 'utilization alarm-threshold' command is executed in the CLI.	-	Fixed in release 08.0.05.
478	00.0.00	08.0.06	2014-05-08	MACH4002-24G/48 G (XG)	In certain situations, a device that is part of a large setup with a complex configuration might become unreachable.	-	Fixed in release 08.0.06.
479	00.0.00	08.0.06	2014-03-19	L3P	When moving a secondary IP address from one router interface to different router interface, the corresponding entries in the ARP table are not updated, causing the interface to be unreachable.	-	Fixed in release 08.0.06.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
480	00.0.00	08.0.06	2014-04-14	MACH1020/1030	The recovery time of a Sub-Ring exceeds sometimes 200ms if the active Sub-Ring Manager recovers after a reboot.	-	Fixed in release 08.0.06.
481	00.0.00	08.0.07	2014-05-16	All	The DHCP server is not providing addresses from a pool assigned to a physical port that is a member of a VLAN based router interface.	The user should assign the pool to the corresponding VLAN of the router interface.	Fixed in release 08.0.07.
482	00.0.00	08.0.07	2014-07-28	MACH104 (GE) MACH4002-24G/48 G (XG)	With certain configurations, devices with 10 Gb ports may reboot continuously while the device is booting up.	-	Fixed in release 08.0.07.
483	00.0.00	08.0.07	2014-07-28	All	A port having no link may display a non-zero network load in certain situations.	-	Fixed in release 08.0.07.
484	00.0.00	08.0.07	2014-05-20	MS4128 (PowerMICE)	A multicast stream might be flooded to all ports after all receivers are deregistered, even if the device is configured to send unknown MC only to the query ports or to discard them.	-	Fixed in release 08.0.07.
485	00.0.00	08.0.07	2014-07-29	MACH1040 (GE)	After applying a binary configuration file via the web interface, configuration is reported out-of-sync until the device is rebooted.	Use CLI instead of web interface to apply the binary configuration.	Fixed in release 08.0.07.
486	00.0.00	08.0.07	2014-08-07	L3P	When PIM-SM is running on the device, the best route to the RP is updated to a wrong path in certain situations.	-	Fixed in release 08.0.07.
487	00.0.00	08.0.07	2014-07-09	L2P L3E L3P	RADIUS username length is restricted to 15 characters.	-	Fixed in release 08.0.08.
488	00.0.00	08.0.07	2014-06-23	All	SSHv2 connection via PuTTY version 0.63 is closed after login.	Login works as expected with older versions of PuTTY.	Fixed in release 08.0.07.
489	00.0.00	08.0.07	2014-06-27	RS20/30/40	On RS devices, the link LED may be on for some ports even if there is no cable inserted.	-	Fixed in release 08.0.07.
490	00.0.00	08.0.07	2014-07-02	MACH4002-24G/48 G (XG)	When receiving malformed IGMP packets the packets will not leave the Rx buffer. Depending on the amount of packets this will result in a reboot of the device.	-	Fixed in release 08.0.07.
491	00.0.00	08.0.04	2013-07-29	All	In seldom cases the device wrongly signals a changed configuration.	-	Fixed in release 08.0.04
492	00.0.00	08.0.08	2014-11-03	All	Multiple OpenSSL security advisories, mainly CVE-2014-3566 (Poodle).	-	OpenSSL updated to version 0.9.8zd. Fixed in release 08.0.08.
493	00.0.00	08.0.08	2014-12-02	MACH4002-24G/48 G (XG)	Applying a configuration script that contains net directed broadcast settings, may cause the device to reboot.	-	Fixed in release 08.0.08.
494	05.1.00	08.0.08	2014-12-03	MACH104 (GE) MACH1040 (GE)	Devices having the Ingress Storm Control feature set to active for multicast packets, will also drop STP BPDUs.	-	Fixed in release 08.0.08.
495	00.0.00	08.0.08	2014-09-30	MACH102	A device running for a long time displays an error message when performing settings in the LLDP dialog from the web interface.	-	Fixed in release 08.0.08.
496	00.0.00	08.0.08	2014-09-10	L3P	If you configure ARP selective learning on the MACH4002-24G or the MACH4002-48G, then unwanted ARP packets can still reach the CPU and are shown in tcpdump.	-	Fixed in release 08.0.08.
497	00.0.00	08.0.08	2014-11-18	RS20/30/40	Radius VLAN assignment fails if the Reply-Message attribute length exceeds 25 characters.	-	Fixed in release 08.0.08.
498	08.0.05	08.0.08	2014-11-19	L2E L2P	It may not be possible to activate Redundant Ring Coupling via the web interface in certain situations where the DIP switches are set to ON, but are disabled by software.	-	Fixed in release 08.0.08.
499	08.0.02	08.0.08	2014-10-07	L2P L3P MACH4002-24G/48 G (XG)	Sub-Ring Manager function is disabled when unplugging and then re-connecting a SFP in a Sub-Ring port.	-	Fixed in release 08.0.08.
500	00.0.00	08.0.08	2014-10-07	L2P	DVMRP Prune packets are multiplied by some L2 devices with IGMP Snooping enabled.	-	Fixed in release 08.0.08.
501	00.0.00	08.0.08	2015-01-26	All	Configuration state moves to "Not in sync" after uploading the running configuration to a remote host via TFTP.	-	Fixed in release 08.0.08.
502	00.0.00	08.0.08	2014-08-25	L3P	In certain situations, a multicast routing protocol running on a device for more than a few months may stop functioning. The device will stop sending out protocol packets and will be ignored by its neighbors.	-	Fixed in release 08.0.08.
503	08.0.02	09.0.00	2015-02-23	All	If SNTP or PTP is used to synchronize the system time of a device, the device sometimes create the log entry S_platform_NEW_SYSTIME (with first parameter as fffffff) without an actual change in the system time.	-	Fixed in release 08.0.09 and 09.0.00.
504	00.0.00	09.0.00	2015-02-04	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	In some cases a reboot could occur if a DHCP-Server pool was assigned to an interface and then changed to a vlan.	-	Fixed in release 09.0.00 and 08.0.11.
505	00.0.00	09.0.00	2015-02-12	All	In some cases only one of multiple LLDP information per port is shown in the web interface or can be queried via SNMP.	The CLI command "show lldp remote-data" displays all entries.	Fixed in release 08.0.09 and 09.0.00.
506	08.0.04	09.0.00	2015-03-04	MACH104 (GE) MACH1040 (GE)	PTP is not working on port-based router interfaces.	-	Fixed in release 08.0.09 and 09.0.00
507	00.0.00	09.0.00	2014-06-05	All	Syslog messages include a space before the date which is not compliant to RFC3164.	-	Fixed in release 09.0.00
508	01.0.00	09.0.00	2014-11-26	All	Web interface Java code signing certificate expired on 20.02.2015.	-	New certificate used since release 08.0.08
509	00.0.00	09.0.00	2014-09-19	L2P	In some cases the Subring Manager creates the log entry S_srm_EV_PORTSTATE and sends flush packets without an actual port state change.	-	Fixed in releases 09.0.00 and 08.0.11.
510	00.0.00	08.0.09	2013-08-13	L3E L3P	The VRRP configuration wizard dialog will not close if the user selects simpleTextPassword authentication. If the operation is canceled, a new instance is created without an authentication key.	-	Fixed in release 08.0.09 and 09.0.02.
511	00.0.00	08.0.09	2015-03-31	L2P L3P MACH104 (GE) MACH1040 (GE)	Previously learned MAC addresses will not be displayed in the FDB after executing the "clear config" command. The FDB displays the MAC addresses again after they are aged out and re-learned.	-	Fixed in releases 08.0.09 and 09.0.02.
512	00.0.00	08.0.09	2015-02-26	All	Web interface login is not possible with a username containing the '/' or '\' characters.	-	Fixed in release 08.0.09 and 09.0.00.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
513	08.0.00	08.0.09	2015-04-01	MACH1020/1030 MACH1040 (GE) RSR	The device returns incomplete references if an IEC61850-MMS client activates the data-reference option in the RCB option fields.  General Interrogation request is not correctly answered.  Data Changed reports contain event timestamps marked as not synchronized, even though the local system clock is set via SNTP.  The RtpId variable is set to an empty string if it is written while RptEna is true.	-	Fixed in release 08.0.09 and 09.0.02.
514	01.0.00	08.0.10	2015-04-23	L3E L3P	If ARP entries used for gateways are aged out, the ARP table can be filled to a state where data packets can be lost.	-	Fixed in release 08.0.10 and 09.0.01
515	07.0.00	09.0.01	2015-06-03	L3P	For complex topologies with the PIM-SM protocol the stability was improved.	-	Fixed in release 09.0.02.
516	00.0.00	09.0.01	2015-06-02	All	A wrong serial number is displayed for newer ACA devices.	-	For these particular devices, the manufacturing date will be displayed instead. Fixed in release 09.0.02.
517	00.0.00	09.0.02	2015-06-25	L2P	The password for a custom user that replaces the default read-only user may show up in the output of the 'show running-config' command as a community string.	-	Fixed in release 09.0.02.
518	00.0.00	09.0.02	2015-08-04	L3P	In certain setups, removing and then adding back a link between a router and a multicast source may lead to stream duplication.	-	Fixed in release 09.0.02.
519	00.0.00	09.0.03	2015-06-26	L3P	In redundant PIM-DM setups, disabling PIM-DM on the forwarding router may cause some streams to be lost.	-	Fixed in release 09.0.03.
520	02.0.00	09.0.03	2015-08-19	All	Traps are being sent for SNMPv1 authentication failure even if SNMPv1 is disabled.	-	Fixed in release 09.0.03.
521	09.0.00	09.0.03	2015-09-02	All	Starting with release 09.0.00, the device drops SSHv1 connections coming from PuTTY. In addition, the device will not autogenerate the DSA key.	In the PuTTY cipher configuration settings, move Blowfish below 3DES.	Fixed in release 09.0.03.
522	08.0.08	09.0.01	2015-06-02	All	Applying a script to the device will fail if the script file contains port security settings.	-	Fixed in releases 08.0.11 and 09.0.01.
523	00.0.00	09.0.04	2015-10-06	L3P	In some Proxy-ARP configurations, a device may become unresponsive and stops routing.	-	Fixed in release 09.0.04.
524	09.0.00	09.0.04	2015-09-14	MACH1040 (GE)	After reboot, a device having PROFINET enabled may report that the configuration is not in sync.	-	Fixed in release 09.0.04.
525	09.0.00	09.0.04	2015-10-19	MACH4002-24G/48 G (XG)	When adding a new allowed MAC or IP address via the port security wizard in the web interface, addresses already configured on other interfaces are removed.	-	Fixed in release 09.0.04.
526	07.1.06	09.0.04	2015-10-29	L2P MACH1020/1030	Generating EDS or GSDML files may fail on some devices.	-	Fixed in release 09.0.04.
527	01.0.00	09.0.06	2016-03-04	L2E L2P MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	The temperature sensor of the device reported wrong values for temperatures below 0 and above 40 degrees centigrade.	-	Fixed in release 09.0.06.
528	06.0.00	09.0.06	2015-12-21	MACH1040 (GE)	In some setups with combined L3 routing and Fast HiPer-Ring redundancy, the recovery time for routed traffic may be too high.	-	Fixed in release 09.0.06.
529	04.1.00	09.0.06	2015-11-17	L2E L2P	VLAN tagging configuration is not preserved for HiPer-Ring ports when enabling the Service Mode.	-	Fixed in release 09.0.06.
530	07.0.00	09.0.06	2015-10-09	L3P	In particular scenarios, the PIM-SM protocol performance was improved.	-	Fixed in release 09.0.06.
531	05.0.00	09.0.06	2015-12-02	RS20/30/40	In complex redundant networks with IGMP and RSTP enabled, the recovery time for multicast streams in case of a network reconfiguration can be quite high.	-	Fixed in release 09.0.06.
532	05.0.00	09.0.06	2016-01-21	L2P RS20/30/40	Authentication Failure traps may appear in the trap log before the Cold Start trap.	-	Fixed in release 09.0.06.
533	06.0.00	09.0.06	2015-12-08	MACH104 (GE) MACH1040 (GE)	On devices with IGMP snooping enabled, some unknown multicast frames may be lost on LAG query ports, if the physical LAG members are sequentially enabled.	Enable IGMP snooping after all members in the LAG query port have been enabled.	Fixed in release 09.0.06.
534	05.0.00	09.0.06	2016-04-13	All	Device configuration may be lost after a burst of power failures.	-	Fixed in release 09.0.06.
535	09.0.00	09.0.06	2015-12-09	All	After upgrading the firmware to version 9.0, modifying an active "Restricted Management Access" entry in the web dialog will disable the entry.	-	Fixed in release 09.0.06.
536	04.1.00	09.0.05	2015-12-11	L3E L3P	HiVRRP instances do not become "master" if the status change on the supervisor is triggered by a notify packet.	-	Fixed in release 09.0.06.
537	-	09.0.07	2016-05-02	RS20/30/40	The script validation fails for a script containing 'snmp sync' commands.	-	Fixed in release 09.0.07.
538	-	09.0.07	2016-05-19	MACH1040 (GE)	An SFP port remains up even if the incoming signal is highly attenuated. In some scenarios, the link of an SFP port may come up for a short period of time even if there is no fiber plugged in.	-	Fixed in release 09.0.07.
539	-	09.0.07	2016-04-06	L2P	The IEC61850-MMS ASO-context-name object identifier is encoded as an octet string.	-	Fixed in release 09.0.07.
540	-	09.0.07	2016-04-07	L3P	With IGMP enabled multicast streams forwarded by the device may be temporarily lost if a topology change occurs in a connected network.	-	Fixed in release 09.0.07.
541	-	09.0.07	2016-04-11	L3P	In some scenarios, the Subring Manager does not send Topology Change packets when the Subring redundancy is lost.	-	Fixed in release 09.0.07.
542	04.2.00	09.0.08	2016-08-11	L2P MACH1020/1030	MAR1032 devices with PoE and SFP slots do not provide power on port 3 through 6 without at least one SFP plugged into either port 1 or port 2.	Plug at least one SFP in port 1 or port 2 to use PoE on ports 3 through 6. This SFP shall not be removed during PoE operation.	Fixed in release 09.0.08.
543	04.0.00	09.0.09	2016-08-22	RS20/30/40	In some scenarios PoE ports are not active when the device is booting while having a SFP connected on the last SFP port.	-	Fixed in release 09.0.09.
544	04.0.00	09.0.09	2016-08-24	All	MRP ring does not close if shared VLAN option is enabled and the VLAN configuration has been changed on a port.	Restart MRP globally (disable/enable).	Fixed in release 09.0.09.
545	04.0.00	09.0.09	2016-10-14	MACH1040 (GE)	Clearing the config while a Fast HiPER-Ring has no link will not clear all Fast HiPER-Ring settings of the configured ring ports. As a result these ports can not be used for other redundancy protocols.	Use "clear config factory" and a reboot in order to clear the old Fast HiPER-Ring configuration.	Fixed in release 09.0.09.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
546	05.1.00	09.0.09	2016-07-21	L3P	In complex topologies where multicast routing and redundancy protocols are enabled applying static query ports for IGMP Snooping can lead to 100% CPU load.	-	Fixed in release 09.0.09.
547	08.1.00	09.0.09	2016-10-17	L2P RS20/30/40	The web based user interface Load/Save icon is not updated according to the configuration status.	-	Fixed in release 09.0.09.
548	00.0.00	09.0.09	2016-10-19	All	In the web based interface the LLDP remote identifier is always displayed as a hexadecimal value independent of its type (lldpRemChassisIdSubtype).	-	Fixed in release 09.0.09.
549	04.0.00	09.0.09	2016-09-12	MS20/30	In some scenarios the fourth PoE port of a MM22 MICE module does not delivers power.	-	Fixed in release 09.0.09.
550	00.0.00	09.0.10	2014-09-29	L2E L2P MACH102 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40	On PoE capable devices saving the configuration as script might generate sporadic reboots.	-	Fixed in release 09.0.10.
551	09.0.09	09.0.10	2016-12-01	L2E L2P MACH102 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	The SFP information is not accessible and in rare cases a link could not be established.	-	Fixed in release 09.0.10.
552	07.0.00	09.0.11	2017-01-31	L3P	Using more than 12 PIM-DM interfaces, the device will forward less than 512 multicast streams.	-	Fixed in release 09.0.11.
553	09.0.00	09.0.11	2016-12-09	All	SSH session does not timeout if the connection with the device is interrupted.	-	Fixed in release 09.0.11.
554	06.0.00	09.0.11	2016-12-19	L2P L3E L3P	In a topology configured with RSTP in MRP compatibility mode, the root bridge time parameters are not updated.	-	Fixed in release 09.0.11.
555	01.0.00	09.0.11	2016-11-23	All	The SNTP server always responds with reference timestamp field set to 0 which is interpreted as 01.01.1970.	-	Fixed in release 09.0.11.
556	00.0.00	09.0.11	2017-01-12	MACH1020/1030	LED status is not available via SNMP.	-	Fixed in release 09.0.11.
557	01.0.00	09.0.11	2016-11-28	L2E	Device continues to forward multicast traffic on a port that is no longer configured as static query port while IGMP Snooping is active.	-	Fixed in release 09.0.11.
558	00.1.00	09.0.11	2016-10-21	All	Device sporadically reboots when a damaged ACA is used.	-	Fixed in release 09.0.11.
559	01.0.00	09.0.12	2017-03-20	All	User access mode is read-only via SNMP.	-	Fixed in release 09.0.12.
560	06.0.00	09.0.12	2017-04-10	L3P	In a VRRP environment, PIM-DM protocol is not consistent.	-	Fixed in release 09.0.12.
561	07.0.00	09.0.12	2017-07-21	L2P	The command 'auto-disable timer' is present for LAG interfaces in 'show running-config'.	-	Fixed in release 09.0.12.
562	01.0.00	09.0.12	2017-03-01	L3P	IP source routing is always enabled.	-	Fixed in release 09.0.12.
563	07.1.04	09.0.12	2017-03-10	L2P	Management VLAN is not loaded from the offline configuration file.	-	Fixed in release 09.0.12.
564	00.0.00	09.0.12	2017-06-08	L3P	In some scenarios VLAN routing interface settings are lost.	-	Fixed in release 09.0.12.
565	01.0.00	09.0.13	2017-06-21	RS20/30/40	Using a combination of VLANs and LAG interfaces can lead to reachability issues if a device is rebooted.	-	Fixed in release 09.0.13.
566	08.0.00	09.0.13	2017-11-15	MACH1020/1030 MACH1040 (GE)	Changing the port mirroring source port via command line can lead to loss of connectivity.	Use web based interface for configuration.	Fixed in release 09.0.13.
567	01.0.00	09.0.13	2017-11-16	L3P	In some scenarios the population of the OSPF routing table is delayed for 30 seconds.	-	Fixed in release 09.0.13.
568	09.0.12	09.0.12	2017-10-12	L3P MACH1040 (GE)	Trying to enable IP source routing when it is already enabled leads to a misleading error message.	-	Fixed in release 09.0.13.
569	01.0.00	09.0.13	2017-10-17	RS20/30/40	In specific conditions the login process through SSH can fail randomly even if the correct credentials were supplied.	-	Fixed in release 09.0.13.
570	07.1.03	09.0.13	2017-07-27	MACH4002-24G/48 G (XG)	When VLAN ingress filtering is enabled it interferes with LAG port operation. This can lead to link flapping.	-	Fixed in release 09.0.13.
571	08.0.00	09.0.14	2018-01-26	L2P L3E L3P	IEC61850 sometimes stops working at a IED Scout(4.20) discovery operation.	-	Fixed in release 09.0.14.
572	08.0.00	09.0.14	2017-03-22	L2P L3E L3P	IEC61850 information report fails to be triggered periodically when setting the trigger option "Integrity" to true.	-	Fixed in release 09.0.14.
573	05.0.00	09.0.14	2017-09-21	L2P	If the Radius server is not set to use MD5, the MAC Authentication Bypass feature of 802.1X does not work.	-	Fixed in release 09.0.14.
574	01.0.00	09.0.14	2017-09-27	MACH102 MACH1020/1030 MS20/30 Octopus 8M/16M/24M Octopus OS20/30 RS20/30/40 RSR	The device does not update its ARP table when receiving a Gratuitous ARP packet. This can lead to temporary loss of connectivity in some scenarios.	-	Fixed in release 09.0.14.
575	01.0.00		2018-02-09	Octopus OS20/30	Twisted pair cable diagnosis is not operational on the POE ports of Octopus devices.	-	No fix planned.
576	01.0.01	09.0.15	2017-07-06	MACH104 (GE) MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	In some scenarios the device management is no longer reachable.	-	Fixed in release 09.0.15.
577	09.0.06	09.0.15	2017-07-06	L3P	In some scenarios VLAN based router interfaces get active even if there is no link present.	-	Fixed in release 09.0.15.
578	01.0.00	09.0.15	2017-12-11	All	Radius authentication list configuration is not displayed in "show running-config" and not saved in a cli script.	-	Fixed in release 09.0.15.
579	01.0.00	09.0.15	2018-03-19	MACH1020/1030 MACH4002-24G/48 G (XG) RS20/30/40	Show running-config displays "unknown" for maximum number of configured link-aggregation interfaces.	-	Fixed in release 09.0.15.
580	01.0.00	09.0.15	2018-04-12	All	Ring coupling without dedicated control link takes long time to find its partner if a big number of couplings terminate at the same ring.	-	Fixed in release 09.0.15.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
581	04.0.00	09.0.16	2016-10-28	MACH1020/1030 RSR	In some scenarios Fast HIPER-Ring manager becomes unreachable after a long period of time.	-	Fixed in release 09.0.16.
582	09.0.00	09.0.16	2018-04-24	All	A login banner text containing a string "\n" could lead to a unusable web interface.	-	Fixed in release 09.0.16.
583	09.0.10	09.0.16	2018-02-12	All	SNMPv3 credentials might be lost in some scenarios after updating to new firmware version.	-	Fixed in release 09.0.16.
584	01.0.01	09.0.16	2018-05-25	L2P L3E L3P	Uploading a script configuration might fail if a link-aggregation is configured.	-	Fixed in Release 09.0.16.
585	01.0.01	09.0.16	2018-06-28	All	The value for snmpEngineBoots always remains 1.	-	Fixed in release 09.0.16.
586	07.0.00	09.0.16	2018-04-06	All	Port Monitor active condition "speed-duplex" trap is only sent once.	-	Fixed in release 09.0.16.
587	01.0.01	09.0.16	2018-07-16	L2P L3E L3P	Multiple use of "tcpdump -w" command results in the error message: "tcpdump: cannot write capture file".	-	Fixed in release 09.0.16.
588	01.0.01	09.0.16	2018-04-17	L3P	In some topologies with PIM-DM an unexpected prune message is sent.	-	Fixed in release 09.0.16.
589	09.0.15	09.0.16	2019-02-21	RS20/30/40 RSR	In some scenarios unexpected link flapping may occur on copper ports.	-	Fixed in release 09.0.16.
590	09.0.00	09.0.17	2018-09-19	L2P L3E L3P	The length of the radius shared secret was extended to 25 printable characters.	-	Fixed in release 09.0.17.
591	00.1.00	09.0.17	2018-12-14	L2P L3E L3P	VLAN table shown in WEB-Interface does not contain VLANs learned by 802.1x.	-	Fixed in release 09.0.17.
592	09.0.13	09.0.17	2018-12-17	L3P	In some scenarios a VLAN routing interface containing active MRP and SRM ports might not get active after reboot if relevant subring interface is in blocking state.	-	Fixed in release 09.0.17.
593	09.0.12	09.0.17	2018-04-17	L3P	In some topologies with PIM-DM a wrong RPF neighbor could be learnt.	-	Fixed in release 09.0.17.
594	09.0.17	09.0.18	2019-05-13	MACH104 (GE) MACH1040 (GE)	In certain scenarios when unplugging a fiber link from a port also the neighbor port is going down.	-	Fixed in release 09.0.18.
595	09.0.16	09.0.19	2019-05-15	L3P	In some scenarios OSPF redistribution of static routes and route summarization are not working as expected.	-	Fixed in release 09.0.19.
596	09.0.00	09.0.19	2019-05-20	L3P MACH1040 (GE)	Configuring a LAG member port as source or destination port in a port mirroring setup via the Web Interface and applying the settings (saving and loading the configuration) will lead to a continuous reboot of the device.	-	Fixed in release 09.0.19.
597	01.0.01	09.1.04	2019-05-28	All	ACD (Address Conflict Detection) probes are sent in all available VLANs, not only in the management VLAN.	-	Fixed in release 09.1.04.
598	01.0.00	09.0.19	2019-06-13	L2E L2P RS20/30/40	Under FDB stress conditions an MRP ring manager can get unstable.	-	Fixed in release 09.0.19.
599	06.0.00	09.1.00	2018-05-03	All	If a custom CLI banner is configured, each connection to the CLI will lead to memory loss. If this is done frequently, the device will be out of memory and perform a reboot.	-	Fixed in release 09.1.00.
600	09.0.19	09.1.01	2019-12-02	L2P L3E L3P	The MMS server cannot be activated if a technical key with 32 characters is used.	-	Fixed in release 09.1.01.
601	01.0.00	09.1.01	2019-08-23	All	If the egress broadcast limiter is globally enabled and a LAG is configured, then multiple S_bcl_SEMA_TAKE_FAILED error messages appear in the log.	-	Fixed in release 09.1.01.
602	01.0.00	09.1.01	2019-08-28	All	Device boot time is not reliable, sometimes it takes twice as long as usual.	-	Fixed in release 09.1.01.
603	09.0.19	09.1.01	2019-11-11	L2P L3E L3P	In some scenarios, RADIUS authentication does not work after unsuccessful login attempts.	-	Fixed in release 09.1.01.
604	01.0.00	09.1.01	2020-01-13	All	In a configuration with a high amount of VLANs, an MRP ring can get unstable if an SFP is plugged or unplugged on any port.	Configuring the MRP timeout value to 500ms solves the instability in most cases.	Fixed in release 09.1.01.
605	05.3.00	05.3.10	2017-02-13	Basic RSB20	On RSB20 some types of SFPs are not recognized.	-	Fixed in release 05.3.10.
606	01.0.00	09.1.02	2020-02-18	All	In rare cases, a device with RADIUS MAC Authentication Bypass option enabled reboots with a dot1xTask suspended error message.	-	Fixed in release 09.1.02.
607	-		2019-07-05	All	Port Security Dynamic Limit count is not a reliable solution against the mac flooding attack if the mac addresses are different.	-	No fix planned.
608	01.0.01	09.1.02	2020-01-15	L3E L3P	In some scenarios, after reboot, some of the access control lists from a link aggregation group might not persist.	-	Fixed in release 09.1.02.
609	00.1.00	09.1.02	2020-01-27	L2P L3E L3P	Switch sends duplicated RADIUS Access-Requests for SSH using the same username/password when connecting via SSH.	-	Fixed in release 09.1.02.
610	00.0.00	09.1.02	2020-06-25	MS20/30	In some scenarios, the Precision Time Protocol connection might be lost on the MM23 modules.	-	Fixed in release 09.1.02.
611	01.0.00	09.1.03	2020-10-27	All	In some scenarios, the Port Monitor takes action before the threshold being reached.	-	Fixed in release 09.1.03.
612	09.1.00	09.1.03	2020-09-24	All	In some scenarios, in case of an unsuccessful login attempt, the failure message is not displayed.	-	Fixed in release 09.1.03.
613	09.1.03	09.1.04	2021-05-20	Octopus 8M/16M/24M	Sporadic reboots of OCTOPUS PoE.	-	Fixed in release 09.1.04.
614	01.0.00	09.1.04	2020-09-16	MACH1020/1030 MACH1040 (GE) MACH4002-24G/48G (XG) MACH4002-48+4G MS4128 (PowerMICE) RSR	Sub-Ring manager opens blocked ports sporadically.	-	Fixed in release 09.1.04.
615	01.0.00	09.1.04	2020-05-13	All	RSTP port priorities are not saved permanently if configured via web interface.	-	Fixed in release 09.1.04.
616	09.1.01	09.1.04	2021-03-12	All	SSL/TLS: Deprecated protocols and ciphers.	-	TLS 1.0 and RC4 removed Fixed in release 09.1.04.
617	08.0.00	09.1.04	2020-10-06	L2P L3E L3P	DHCP server loses entries from the lease table, resulting sometimes in end devices not getting an IP-address.	-	Fixed in release 09.1.04.
618	01.0.00	09.1.04	2021-02-12	All	SNTP server sends out packets with stratum 0.	-	Fixed in release 09.1.04.
619	01.0.00	09.1.04	2020-12-14	L2P	Device sporadically reports 100% network load on 10 GBit/s ports.	-	Fixed in release 09.1.04.



ID	Since	Fixed in	Date	Variant	Description	Workaround	Correction
620	09.1.01	09.1.04	2020-09-02	MS4128 (PowerMICE)	Powermice modules are not working after updating.	-	Fixed in release 09.1.04.
621	09.1.03	09.1.04	2020-11-12	All	Denial of service vulnerability in Profinet software stack.	Disable Profinet support.	Fixed in release 09.1.04.
622	07.1.00	09.1.05	2021-09-16	MACH104 (GE)	In some scenarios the 10G ports utilization is 100% but the real traffic is very low.	-	Fixed in release 09.1.05.
623	01.0.00	09.1.05	2022-01-25	MS20/30 Octopus OS20/30 RS20/30/40	If the power fails during bootup, it is possible that the firmware and the configuration are lost, so the device has to be updated via USB or serial port.	Make sure power supply is stable during bootup.	Fixed in release 09.1.05.
624	09.0.17	09.1.06	2022-01-17	L2P	Packet size parameter was not configurable from CLI.	-	Fixed in release 09.1.06.
626	08.0.04	09.1.06	2020-12-22	L2P	Devices are not taking time from netdirected NTP BCs.	-	Fixed in release 09.1.06.
627	09.1.06	09.1.07	2022-04-13	All	Not possible to log in to the web interface using HiView versions before 4.2 and all Industrial HiVision versions.	-	Fixed in release 09.1.07.
627	01.0.00	09.1.08	2021-04-22	MACH1020/1030	FEFI doesn't work on MACH1030 with GE-LX SFPs.	-	Fixed in release 09.1.08.
628	09.1.04	09.1.07	2021-11-15	All	MRP Ringrecovery cannot be configured as 1000ms in the web interface.	-	Fixed in release 09.1.07.
629	09.1.03	09.1.08	2022-06-23	All	SnmpEngineBoots is not incremented in case of snmpEngineTime overflow.	-	Fixed in release 09.1.08.
630	01.0.00	09.1.08	2022-06-24	MACH4002-24G/48 G (XG)	Unexpected reboot in case of long password hashes when downloading show running-config or support info.	-	Fixed in release 09.1.08.
631	09.1.06	09.1.08	2022-04-12	All	Loading device generated script file fails with escape characters in banner.	-	Fixed in release 09.1.08.
632	09.1.03	09.1.08	2022-04-14	All	In rare cases low temperature alert with -1 was reported.	-	Fixed in release 09.1.08.
633	09.1.00	09.1.08	2022-01-14	AFS650/670 (ABB)	Upload of pem certificate failed in some cases.	-	Fixed in release 09.1.08.
634	01.0.00	09.1.08	2022-04-25	MACH104 (GE) MACH1040 (GE) MACH4002-24G/48 G (XG) MACH4002-48+4G MS4128 (PowerMICE)	ACLs are not able to filter on PN_PTCP packets.	-	Fixed in release 09.1.08.
635	09.1.06	09.1.08	2022-10-26	All	ENIP bit25 does not change if ACA is removed.	-	Fixed in release 09.1.08.
636	01.0.00	09.1.08	2022-09-13	L3P	In some cases routed traffic is lost for some VLANs when frames are addressed to a virtual mac address.	-	Fixed in release 09.1.08.
637	1.0.0	09.1.08	2022-09-13	L3P	Sporadically VLAN settings lost after reboot.	-	Fixed in release 09.1.08.
638	09.0.06	09.1.08	2022-03-29	L3P	In some cases PIMDM setting lost when doing a direct sw upgrade from 06.0.09 to 09.1.01.	-	Fixed in release 09.1.08.
639	09.0.19	09.1.08	2022-11-08	All	Some scenarios lead to a precedence of SNTP over PTP.	-	Fixed in release 09.1.08.
640	01.0.00	09.1.07	2021-08-03	All	Security fixes: VxWorks	-	Fixed in release 09.1.08.
641	09.1.06	09.1.08	2022-11-04	L2P L3E L3P	Security fixes: expat	-	Fixed in release 09.1.08.
642	09.1.00	09.1.10	2023-01-17	L2P L3E L3P	Device with configured radius server reboots with S_watson_TRIGGER_EMWEBTASK in the system log.	-	Fixed in release 09.1.10.
643	09.1.07	09.1.10	2023-07-13	All	Device reboots with S_platform_OUT_OF_MEMORY in the system log after frequently reading hmNetPTP2ConfigurationData via SNMP.	-	Fixed in release 09.1.10.
644	05.0.03	09.1.10	2021-11-09	L2P L3E L3P	A "clear config" command in a cli config script does not work when applied via DHCP.	-	Fixed in release 09.1.10.
645	09.0.00	09.1.10	2020-07-14	All	The % character cannot be used when configuring a CLI banner.	-	Fixed in release 09.1.10.
646	09.0.19	09.1.10	2023-06-05	L2P L3E L3P	Frequent SSH logins over long period could cause the device to reboot.	-	Fixed in release 09.1.10.
647	09.0.00	09.1.10	2022-12-12	L2P	The device sporadically reboots when files are downloaded via the web server. E.g. saving the support info via HiVision.	-	Fixed in release 09.1.10.
648	01.0.00	09.1.10	2023-03-13	L2P L3E L3P	Several vulnerabilities were fixed by updating openSSL to version 1.0.2zj.	-	Fixed in release 09.1.10.
649	01.0.00	09.1.11	2023-12-01	L2P L3E L3P	IEC61850 communication can not be established again after a connection loss.	-	Fixed in release 09.1.11.
650	09.1.00	09.1.11	2023-08-24	All	Device reboots with S_platform_OUT_OF_MEMORY in the system log after frequently reading hmEthernetIPConfigGroup or hmEthernetIPStatisticsGroup via SNMP.	-	Fixed in release 09.1.11.
651	01.0.00	09.1.11	2024-03-01	L2P L3E L3P	A vulnerability was fixed by updating openSSL to version 1.0.2zj.	-	Fixed in release 09.1.11.
653	01.0.00	09.1.12	2024-02-08	MACH4002-24G/48 G (XG)	Using TX port mirroring on several ports can lead to high CPU load.	-	Fixed in release 09.1.12.
654	09.1.10	09.1.12	2024-05-15	All	Port Mirroring does not work after rebooting the device.	-	Fixed in release 09.1.12.
655	01.0.00	09.1.15	2024-05-21	MACH4002-24G/48 G (XG) MACH4002-48+4G	In rare cases VLAN settings are lost during operation.	-	Fixed in release 09.1.15
656	09.1.12	09.1.13	2024-07-30	MACH4002-24G/48 G (XG)	Device stops working after update to Classic 09.1.12 version.	-	Fixed in release 09.1.13.
657	01.0.00	09.1.14	2024-08-13	All	IEC61850 Server does not close TCP session under certain conditions when disconnecting from the client.	-	Fixed in release 09.1.14
659	09.0.13	09.1.14	2024-09-13		A vulnerability was fixed by updating openSSL to version 1.0.2zk	-	Fixed in release 09.1.14
660	01.0.00	09.1.14	2024-08-19	AFS650/670 (ABB)	AFS675 - IEC61850 device can not be discovered	-	Fixed in Classic 09.1.14
661	09.1.12	09.1.16	2024-07-30	RS20/30/40	In some scenarios device is not responding to PN_DCP ident requests.	-	Fixed in Classic 09.1.16
662	9.1.12	9.1.16	2024-09-16		"Topology discovery" WebIF dialog displays in rare cases 0.0.0.0 as neighbour IP address	In CLI it is properly displayed.	Fixed in Classic 09.1.16
663	09.1.06	09.1.16	2024-11-08		CLI command "show running-config" causing in some scenarios a crash	-	Fixed in Classic 09.1.16
664	04.4.0	09.1.16	2024-11-13		Temperature traps are sent unintentionally.	-	Fixed in Classic 09.1.16
665	09.1.13	09.1.16	2024-11-18	RS20/30/40	Missing characters if copy-and-paste in password in CLI commands.	-	Fixed in Classic 09.1.16