

## List of Issues Industrial HiVision

ID	Since Release	Fix Release	Date	Description	Workaround	Correction
1	06.0.00	06.0.02	3/30/2015	Security Status Screen: Rule Status isn't shown correctly for Eagle20/One.	-	Fixed
2	4.00	04.1.00	8/27/2010	Topology window disappears without message and topology is unfinished.	-	Fixed
5	06.0.00	07.1.02	4/25/2018	Industrial HiVision displayed the load for connections between two devices, such a switch-to-switch or a switch-to-PC as 100%, even when the load could not be 100%.	-	Fixed in 06.0.09, 7.0.05 and 7.1.02.
6	1.0	08.0.01	4/17/2019	Industrial HiVision does not detect Siemens Scalance devices correctly.	Manually enter the IP address, user name, password and access parameters in the Device Credentials dialog. (Preferences> Advanced> Device Credentials> New)	No fix
7			1/25/2018	Refresh of property folder protocols for Classic Software is using SNMPv1 credentials even if in Industrial HiVision the device credentials are configured to SNMPv3.	Switch off SNMPv1 on the device to avoid authentication traps.	No fix
8	4.00	04.3.00	1/16/2012	Devices configured as routers: during a reboot of the router it was possible that the device was discovered with one of its other IP addresses and after that the new and the old device were removed from the map.  Conditions: - After the coldstart trap other traps had to be sent. - Not all IP interfaces were up directly after the reboot.	-	Fixed
9	03.00	04.1.00	9/22/2010	Auto topology with BAT54-F Single and BAT54-Rail Single does not work properly.	-	Fixed
10	06.0.02	06.0.03	10/6/2015	Sending E-mails without encryption doesn't work.	Use encryption	Fixed
11	04.1.00	04.2.01	7/19/2011	HiDiscovery Scan with multiple 0.0.0.0 Devices: only one device is discovered. Database cannot be read after problem occurred.	-	Fixed
12	06.0.00	06.0.06	2/1/2016	Security Status HiDiscovery wrong for Eagle, Eagle20, OpenRail, Mach 4000, Octopus devices.	-	Fixed
13	04.3.00	04.4.01	11/5/2012	SNMP V3 reachability not updated reliably. In some special cases it was observed that the SNMP v3 reachability was not updated correctly.	-	Fixed
14	06.0.00	07.0.00	9/16/2016	MultiConfig: Network - Global: Setting the Gateway does not work.	-	Fixed
15	06.0.00	08.0.01	8/14/2015	Custom PSMs are not included in the automatic data migration from an existing version to a new version of the same release during installation.	Custom PSMs must be added manually to the new version, e.g. using the PSM manager	No fix for 06.X and 07.X. Please use workaround Fixed in 08.0.01 The PSM is saved on a backup file which can be loaded on a new version of the Ind.HiVision version 8.X keeping its properties and devices after loading the backup.
16	05.0.00	06.0.07	3/27/2017	MultiConfig Load/Save (SCP) pulls the wrong value as SCP server address. It's using the TFTP-server address instead of the SCP server address.	-	Fixed in 6.0.07, 7.0.02 and 7.1.00.
17			3/13/2015	The Security Status for a device is not displayed correctly in the OPC Client. After you set the Security Status for the device in IHV to either "OK" or "Not Available" the status is still displayed as "0" for "no status" in the OPC Client.	-	No fix planned
18	3.10 Update1	08.0.00	8/3/2018	Frequently disconnecting the kernel while the GUI is running causes a memory leak in the GUI which will eventually lead to a GUI freeze or the loss of functionality (e.g. device configuration).	Restart the GUI	Fixed in 06.0.10, 07.0.06, 07.1.03 and 08.0.00
19	08.0.00	08.0.01	4/24/2019	The device configuration does not work because special characters for example, '<' or '&', are not allowed in the password.	Don't use special characters in the password	Fixed
20	04.4.00	04.4.00	7/27/2012	The root folder of the product CD contains the executable "start.exe" which can be used to launch the Cd menu if autoplay is disabled. This file was created using the free software bat2exe.  Starting with virus definitions of 20. July 2012, Symantec Endpoint protection reports this file as possibly being infected by trojan.gen.2 (risk level: very low). Other virus protection software (Avira) does not detect a threat.  At this point it cannot be verified whether this file is infected or not, so it will be replaced with a new file, compiled from sources with a commercial compiler.	Enable autoplay or start start\windows\cdmenu.exe.	Fixed with new CD. Number on the CDs (below bar code): new: 8360900120712. old: 8360900110612.
21	06.0.02	06.0.03	10/7/2015	In some cases an incorrect self-diagnostic event is displayed.	Ignore this event.	Fixed
22	05.1.00	05.1.02	11/7/2014	MultiConfig EAGLE: adding several address entries with the same name leads to error message	Patch 'Patch1_MultiConfigEagleAddressTemplates' available for Ind. HiVision 05.1.01	Fixed
23			12/13/2018	Availability Calculation tool is not working on Red Hat Enterprise Linux 7.6 with mono version 4.6.2	Use Windows version of Industrial HiVision to calculate the availability	No fix
24	01.00	04.2.01	7/26/2011	Telnet does not start on Windows 64 Bit OS.	-	Fixed
25	04.3.00	04.4.00	3/29/2012	If a name was given to the project folder (on top level of the project) the map cannot be printed/exported.	Delete the name of the project folder.	Fixed
26	04.4.00	05.0.00	12/10/2012	The icon for the GarrettCom 6K25e is not displayed correctly. All other properties of the device are correct.	Manually set the product icon (right click -> Properties).	Fixed
27	06.0.04	06.0.05	6/21/2016	Security Status Screen: Sort by column does not work for all columns	-	Fixed
28	1.0	06.0.06	12/13/2016	No command line parameter available to disable GUI logging	-	Start GUI with an additional command line parameter -Dihv.gui.suppressFileLog=true  Windows Example: "C:\Program Files\Hirschmann\Industrial HiVision 6.0\bin\HiVision.exe -Dihv.gui.suppressFileLog=true"
29	05.0.00	05.1.03	1/13/2015	Default SNMP timeout is 5s. It was 2s until version 4.4.	The default value can not be changed. With MultiConfig the values can be changed.	Fixed
31	05.0.00	no fix	4/29/2014	Ind. HiVision does not run on RedHat Linux 5.5.	Update to RedHat 5.8.	No fix
32	05.1.00	06.0.02	3/16/2015	External Applications: Mail-Server: Authentication can't be configured.	-	Fixed
34	1.0	06.0.07	7/6/2017	The JRE-versions installed with all Industrial HiVision applications are affected by a sideloading vulnerability in the Windows version of Oracle Java. It allows any local user to inject code in Java processes of other users. The detailed information is available in the CVE 2017-3511 ( <a href="https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-3511">https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-3511</a> )	-	Fixed in 06.0.07 and 07.0.03. An update is strongly recommended.
35	07.1.01	07.1.02	5/18/2018	Scheduler: PoE ports are not shown in the task configuration	-	Fixed

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36	07.0.00	08.0.01	12/19/2018	Dashboard: Numeric Property widget: all properties can be added.	Add only numeric properties.	Only numeric properties will be shown as values, all other properties are shown as a value of 0. No further fix planned.
38	05.0.00	06.0.00	4/30/2014	Changed SNMP passwords for HiOS devices are not changed in Ind. HiVision.	Has to be changed manually in MultiConfig 'SNMP Configuration'.	Fixed: Changed SNMP passwords for HiOS devices are also changed in Ind. HiVision
39	1.0	07.1.00	5/26/2014	Media type shown in link end symbols are unclear while endpoints can overlap.	-	Media type was added to the tooltip.
40	4.00	04.10	3/21/2011	OPC service blocks the system after a few days. No GUI is able to connect to the kernel.	Restart kernel.	Fixed
41	1.0	08.0.02	12/16/2019	MultiConfig software update fails if the path to the firmware image contains white spaces	The path is automatically put in quotes by the file selection box. If the path to the file contains white spaces, then either remove the quotes from the path manually or choose a path without white spaces.	Fixed in 08.1.01 and 08.0.02
43			2/15/2017	The device configuration freezes if you create or delete LAG instances	Kill the device configuration process and restart it, if required. Alternatively, use the web interface in a browser or in HiView.	No fix planned
44		07.0.00	6/27/2016	Security Status: Sort by column does not work for all columns.	-	Fixed
45	06.0.00	08.0.02	8/27/2019	Sporadically, it was not possible to open the "Device Configuration" dialog. The following error was displayed: "Device Configuration cannot be started"	Restart Industrial HiVision kernel	Fixed
46	4.00	04.4.01	10/5/2012	With Chinese Windows operating systems, some devices are not recognized correctly after being discovered. The event log contains the messages "PSM Error".	-	Fixed
47	04.4.00	04.4.02	12/12/2012	On RSP, EES, EAGLE20-04, EAGLE30: power supply traps are not displayed correctly and the power supply status is not updated after trap.	Poll power supply status.	Fixed
48	07.0.00	07.0.04	9/26/2016	After importing a project from IHV6 to IHV7, redundant connections are not displayed correctly.	-	Fixed in 07.0.04 and 07.1.01.
49	05.0.01	07.0.00	10/13/2015	Port Security traps are not translated	-	Fixed
50	01.00	04.3.00	12/20/2011	Memory problem with project containing cyclic links: project not loadable any more.	Do not generate cyclic links.	Fixed
51	05.1.00	05.1.03	4/27/2015	In some cases the Device Configuration can not be started.	-	Fixed
52	06.0.00	07.1.00	2/16/2017	Scheduler / execution of a script on a BAT doesn't work	A work around has been added to the manual. "To work around this behavior, you can schedule Industrial HiVision to open a command-line tool for example, Putty and then run your script."	No fix
53	01.00	04.1.00	5/26/2010	Scan of devices behind EAGLE (1:1 NAT) discovers only 1 device per scan.	Restart the scan until all devices are detected.	Fixed: In Preferences - Advanced - 1:1 NAT it is possible to add the MAC addresses of the 1:1 NAT devices.
54	06.0.00	06.0.04	2/8/2016	Tab 'Security Status': 'HiDiscovery' always shows 'secure' for BAT devices.	-	Fixed
55	05.0.00	07.1.03	6/4/2018	In some rare cases the polling did not request the correct values from the devices.	-	Fixed in 06.0.10, 07.0.06, 07.1.03
56	3.10 Update1	04.1.00	6/23/2010	OPC application frozen for lots of OPC tags which are often changing their value.	-	Fixed. Note: There is a limit of 3000 OPC tags in the OPC server.
57	08.0.00	08.0.02	10/23/2019	Auto-topology doesn't work for SNMPv3 HILCOS devices	-	Fixed
58	04.4.00	05.0.00	11/23/2012	Menu entry 'Device Configuration' cannot be used with RSP/EES software release 02.0.xx. Industrial HiVision 04.4.01 does not support this function for software release 02.0.xx.	Use menu entry 'Web Interface' instead of 'Device Configuration'	Fixed
59	05.0.00	05.1.00	2/24/2014	Ind. HiVision ActiveX Control does not work in version 05.0.00 and 05.0.01.	Instead of Ind. HiVision ActiveX Control use Web Browser functionality to integrate Ind. HiVision Web Applet.	Fixed
60	08.0.00	08.0.01	5/14/2019	A read-only user without "Edit Mode" rights has security related options available after right-clicking a device.	-	Fixed
61	04.4.00	04.4.01	7/18/2012	Topology is not drawn correctly, because the MAC address of ping devices behind routers is not discovered.	-	Fixed
62	06.0.03	07.1.00	5/9/2016	When you restart a subdomain service that does not have a local license, the Web service settings are overwritten.	-	Fixed in version 7.0 and following
65	01.00	04.1.00	11/22/2010	Alcatel-Lucent MIBs cannot be loaded in SNMP Browser and User defined Properties of Ind. HiVision.	-	Fixed
66	03.00	04.1.00	11/22/2010	Log file handling not described in manual.	-	Fixed: Described in manual.
67	06.0.00	07.0.04	11/29/2017	MultiConfig "Save Support info" is not working for the following HiOS software versions: 2A 05.0.06 2A 06.1.04 07.0.00 - Saving the support info to the default path is successful, but when you specify a path the save fails. To save the files in a specific folder, click the write button a second time.	-	Fixed in 07.1.00
68	1.0	08.0.01	7/8/2019	HiVisionMasterService: The service was vulnerable to attack due to the path to the executable file. The path contains blanks and should have been quoted. This issue was detected by Nessus.	-	Fixed: the path is now in quotation marks.
69		05.1.03	1/16/2015	Web server with https allows insecure SSL3 connections.	Disable SSL3 connection in your browser.	Fixed
70	06.0.00		10/11/2017	The OPC UA server does not use a secure protocol by default	-	OPC UA requires mutual certificate exchange of server and client. In order to enable secure communication copy the certificate of the client to the trusted folder of the IHV UA server <ihv-install>\services\PKI\certs. You can then use the opc.tcp protocol with authentication and encryption as recommended by the OPC Foundation.

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71	06.0.00	07.0.02	2/22/2017	MultiConfig "Device Security -> Authentication -> Authentication List" is not possible, error message "Data is not accepted. Please modify the input and retry the operation" is displayed on devices running HIOS 06.1.02.	-	Issue was fixed but devices only allow setting "reject" multiple times per entry.
72	4.00	no fix	7/19/2017	A deleted device continues to generate events as long as the delete operation can be undone.	switch to run mode and back to edit mode or restart the GUI	No fix
73	04.4.03	05.1.00	12/4/2013	BAT R: some SNMP V2 traps are interpreted as cold start traps. The BAT is then reloaded.	Configure the BAT to send SNMP V1 traps.	Fixed: SNMP V2 traps are ignored. Configure the BAT to send SNMP V1 traps.
74		07.0.00	7/7/2016	BAT traps are not translated.	-	Fixed
75	06.0.00	06.0.02	7/30/2015	Security status Default Password isn't polled by default. If polling is enabled the polling interval is 60 sec. This can cause a lot of authentication traps.	Change polling interval for security status Default Password manually.	Fixed: By default security status Default Password will be polled once a day. For 06.0.00 projects updated to 06.0.02 the polling interval will be set to 1 day (if it was 1 hour or smaller).
76	2.0	07.0.00	8/19/2016	Default Status Configuration: changes are not stored in the database.	-	Fixed
77	04.2.01	06.0.07	2/23/2017	Unknown switch with identical port MAC addresses: after a reload of the device ports disappeared.	-	Fixed in 06.0.07, 07.0.02 and 07.1.00
78	1.0	07.1.00	10/16/2017	MultiConfig - Basics - Software: In http(s)-Software-Update dialog, no file selection on local machine available using remote GUI	Copy file to the system, where the GUI is located	Fixed in 07.0.04 and 07.1.00
79	05.0.00	05.0.01	7/23/2013	HTTP(S) software update may fail for devices with HIOS Firmware at first attempt	Repeat HTTP(S) update or use TFTP	Fixed
80	08.0.00	08.0.01	3/18/2019	The Industrial HiVision event log receives an error when a user without edit permission logs in.	-	Fixed
83	06.0.00	06.0.09	3/6/2018	Security: Java vulnerability CVE-2017-7525, Jackson-databind: deserialization vulnerability via readValue method of ObjectMapper.	Workaround communicated by Belden Security Bulletin	The Jackson libraries have been replaced and the vulnerability is corrected in version 06.0.09, 07.0.05 and 07.1.02
84	01.00	05.1.03	1/19/2015	Port order of Linux servers is different for identical configured servers.	-	Fixed: New PSM for devices that support NetSNMP (e.g. Linux and Unix). Ports are numbered in the order of their MAC addresses.
85		06.0.04	10/19/2015	MultiConfig Save via PC creates empty file for MACH-XG with FW 09.X	-	Fixed
86	06.0.04	06.0.05	7/8/2016	Password change via MultiConfig takes effect but device configuration still uses old password	-	Fixed
87	05.0.00	07.0.02	11/23/2016	For end devices behind VRRP routers no MAC address could be determined. It was not possible to set user defined icons for these devices. It was not possible for the auto topology to connect end devices without LLDP correctly.	-	Fixed
88	06.0.04	06.0.05	7/8/2016	Device configuration cannot be started after changing web interface protocol	-	Fixed
89	05.0.00		11/23/2016	A HiFusion generated PSM is used in Ind. HiVision. It contains a default status configuration for a property. Then a new version of the PSM with a changed default status configuration is used in Ind. HiVision. In this case the default status configuration does not change.	Delete the device and rediscover it.	No fix planned
90	07.0.00	08.0.02	11/4/2019	Device configuration files for Classic Switch firmware, cannot be loaded on the device after the files were saved via scheduler.	Save device configuration manually	Fixed in 08.0.02 and 08.1.00
91	4.00	06.0.06	11/23/2016	Write access credentials of a device are stored in the database of the application. These credentials can be read via MultiConfig by a user with "Login" permission.	Grant access only for administrators	Fixed: If the user has "Login" permission via User Management, the MultiConfig dialog "Device Credentials" is not shown. This behaviour is also implemented for the Run Mode even if no access role is assigned to the Run Mode. Fixed in version 06.0.06 and 07.0.01
92	07.1.00		3/7/2018	Dashboard: Numeric Property widget: when a property was added in some cases a "?" appears in the legend.	Save, close and reopen the Dashboard.	No fix planned
93	07.1.03	08.0.01	3/19/2019	A vulnerable "Putty" version is used.	Don't use the installed Putty version.	Update to latest 'Putty' version 0.71 done. Fixed in 08.0.01.
95	06.0.07	06.0.07	7/21/2017	Multiple vulnerabilities published by Oracle. See <a href="http://www.oracle.com/technetwork/security-advisory/cpujul2017-3236622.html">http://www.oracle.com/technetwork/security-advisory/cpujul2017-3236622.html</a> for details.  CVE-2017-10110 CVE-2017-10089 CVE-2017-10086 CVE-2017-10096 CVE-2017-10101 CVE-2017-10087 CVE-2017-10090 CVE-2017-10111 CVE-2017-10107 CVE-2017-10102 CVE-2017-10114 CVE-2017-10074 CVE-2017-10116 CVE-2017-10078 CVE-2017-10067 CVE-2017-10115 CVE-2017-10118 CVE-2017-10176 CVE-2017-10104 CVE-2017-10145 CVE-2017-10125 CVE-2017-10198 CVE-2017-10243 CVE-2017-10121 CVE-2017-10135 CVE-2017-10117 CVE-2017-10053 CVE-2017-10108 CVE-2017-10109 CVE-2017-10105 CVE-2017-10081 CVE-2017-10193	-	JRE was updated to Java 8 Update 141 in release 06.0.07 and 07.0.03
96	01.00	04.1.00	8/3/2010	HiDiscovery Reachability cannot be updated with F5 if device is unreachable.	Polling works.	Fixed
97	06.0.00	07.1.00	5/5/2017	The web interface of a ping device cannot be opened if it uses a port other than 443	Configure the device to use port 443	Fixed: Port 443 is checked first with a timeout of 10 seconds. After the timeout port 80 will be used.
98	01.00	04.1.00	8/3/2010	Missing SNMP V2 support.	Use SNMP V1/V3.	No changes planned in future versions. SNMP V2 can not be configured in Ind. HiVision 04.1.00. Described in manual.
99	04.1.00	04.2.00	12/1/2010	Cosmetic problem: There is a Project icon in the Project folder's upper left corner when a project is loaded. The problem does not occur in new projects.	-	Fixed

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100	1.0	no fix	1/12/2017	There is a known performance problem with some CPUs, e.g. the Xeon CPU, when used in kgroups. When exceeding 64 processors on a Windows Server 2012, the Windows Server operating system divides the logical processors into so called "kgroups". Dividing the processors can lead to performance problems for applications which rely on older kernel APIs for relating threads inside a process. If Industrial HiVision is installed on a server which contains this type of CPU, then the application runs into performance issues.	See <a href="https://hirschmann-support.belden.eu.com/link/porta/15045/15054/Article/686">https://hirschmann-support.belden.eu.com/link/porta/15045/15054/Article/686</a> for details	This issue cannot be fixed by the application software
102	06.0.08	06.0.08	10/19/2017	Device Configuration function does not work with HIOS v7.0	Open in a separate Browser window	Fixed in 06.0.08, 07.0.04 and 07.1.00
103	4.00	04.2.00	12/2/2010	Wrong Topology on PCs with redundant network card.	The topology can be drawn manually	Note added to the manual. Redundantly connected terminal devices can corrupt the result of the discovery
104	1.0	07.0.02	2/27/2017	F5 on device level did not update the MAC address.	-	Fixed
105	07.1.01	07.1.02	3/14/2018	The Event Actions no longer work after upgrading to version 07.1.01 if the "Component" text field is empty in the "Preferences - Basics - Event Actions - Alarms" dialog.	-	Fixed
106	05.0.01	no fix	3/18/2014	Snapshot Function of HIOS 03.0.00 does not work in "Device Configuration"	User Web Browser or HiView to use Snapshot Function.	No fix
107		04.2.00	1/20/2010	MultiConfig "Save Support Info" does not work for Hirschmann devices with LxE firmware.	-	Fixed
108	04.4.00	04.4.01	11/13/2012	On RSP, EES, EAGLE20-04 and EAGLE30 trap destination could not be set.	Set trap destination with Web interface. Note: after having set trap destination with Ind. HiVision, all these entries have to be removed and set again in the Web interface.	Fixed
109	05.0.00	05.1.01	6/4/2014	Default polling of properties other than reachability did not work properly after device is detected. Sporadically polling was not working for some properties (when reloading a unreachable device)	Kernel restart or change of polling parameter required.	Fixed
110		04.2.00	2/9/2011	In previous versions of Ind. HiVision, ports of Cisco Switches were created, if a physical link was available. All other ports were ignored. For Cisco Switches (SysOID starting with "1.3.6.1.4.1.9.") a port is generated for each interface now. This includes internal and router interfaces.	-	Fixed
111	06.0.07	no fix	7/31/2017	If multiple instances of the ActiveX control are run inside a single container the controls may influence each others' permissions.	Run only one ActiveX control in the container or abandon ActiveX technology completely as suggested by Microsoft	No fix planned. The ActiveX control will be discontinued.
112	07.1.00	07.1.01	12/6/2017	Event Actions no longer work after upgrading to version 7.1 if "Component" field is empty in the "Preferences - Basics - Event Actions - Alarms" dialog.	Add a "" to the Filter "Component" in "Preferences - Basics - Event Actions - Alarms - Filter - Component"	Fixed
113	06.0.00	06.0.06	11/25/2016	MultiConfig: Network - Global: Setting the Gateway does not work.	-	Fixed
114	06.0.00	08.0.01	3/14/2018	The backup files were only able to be restored to the same software version, e.g. from 8.0.0 to 8.0.0.	-	The backup files can now be restored to a later version of the same release, e.g. from 8.0.0 to 8.0.1.
115	06.0.02	06.0.04	8/4/2015	Tab 'Security Status': 'Default Password' always shows 'Secure' for SNMP V1 devices.	-	Fixed
116	07.1.03	08.0.01	1/28/2019	When the "Flash after Status Change" function is enabled and a device status changes, the device does not flash.	-	Fixed
118	05.0.00	05.1.03	12/18/2014	In some cases the application gets slow and inoperable.	-	Fixed
120	04.4.00	05.0.00	11/13/2012	On RSP, EES, EAGLE20-04, EAGLE30: Web interface cannot be opened if access is limited to HTTPS.	Set access to HTTP or edit URL manually to https.	Fixed
121	05.0.00	07.0.02	3/1/2017	After grace period expired, leased licenses are not reissued after Subdomain reconnects to the Superdomain	Licenses have to be leased manually	Fixed: After grace period expires, the Superdomain reserves leased licenses for a disconnected subdomain
122	4.00	06.0.04	1/19/2016	Memory Leak after Device Reload (F5 or Coldstart Trap)	-	Fixed
123	05.0.00	05.1.03	4/10/2014	F5 on connections leads to frozen GUI for several minutes if the devices of the connections are not reachable.	Do not perform F5 on a lot of connections.	Fixed in 05.1.03 and 06.0.00
124		no fix	4/10/2014	The OPC Server has a memory leak if it is used with the OPC client PCVue. Depending on the number of requested tags after some time the OPC server loses the connection to Ind. HiVision. Then HiVisionOpServer has to be restarted.	Request the OPC tags in parallel with the Softing client.	No fix
125	05.1.00	07.1.00	10/8/2014	Service settings (e.g. remote access) are not persistently saved if the service is running on Linux	-	Fixed in 07.0.01
126	04.1.00	04.2.00	12/15/2010	MultiConfig Dialog for Hirschmann Devices software rel. 5.x or 6.x "Load from PC (binary)" shows an error but the load of the configuration was successful.	Not needed. Configuration load works.	Fixed
127	07.0.00	07.0.02	1/19/2017	The dashboard may freeze while displaying the widget "Kernel Status Info"	Do not use the widget "Kernel Status Info"	Fixed
129	06.0.00	08.0.02	11/21/2019	Garretcom Magnum 6K device: The port properties for InLoad and OutLoad are not available	-	Fixed in 08.0.02 and 08.1.00
130	06.0.00	08.0.00	7/5/2018	It is not possible to use a HiFusion PSM for a device that is handled by a generic HiVision build-in PSM (e.g. Switch).	-	Fixed: HiFusion PSMs have a higher priority than the built-in generic PSMs.
131	05.0.00	05.1.03	4/15/2015	In some cases Ind. HiVision does not start after 'forward events to syslog server' was enabled.	-	Fixed
132	06.0.04	07.0.00	5/30/2016	Device configuration does not start after changing Web credentials.	-	Fixed: uses SNMP credentials instead of Web credentials.
133	05.0.00	no fix	5/15/2013	Device Configuration menu is not available with devices running HIOS 1.0.08	Use Browser to open Webbased Interface or update firmware to HIOS 2.x or higher	No fix planned
134	06.0.05	06.0.08	8/15/2017	Devices with a leased license in subdomains no longer could request SNMP data after restarting the service.	-	Fixed in 6.0.08 and 7.0.04.
136	06.0.05	07.1.00	8/15/2017	Devices with a leased license in subdomains no longer could request SNMP data after restarting the service.	-	Fixed

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ID	Since Release	Fix Release	Date	Description	Workaround	Correction
137	01.00	04.2.01	2/15/2011	Unknown SNMP devices (e.g. Linux PC with multiple network interfaces): after a reboot and reload of the device the port statuses and connections could be wrong.	-	As of Industrial HiVision 04.2.00 the port MAC address is a port property. For unknown SNMP devices the port MAC address is used as port identification after a reload. The problem was caused because after a reboot the sequence of the interface table was changed. In 04.2.01
138	04.1.00	04.2.00	2/15/2011	Using the menu entry 'File - Save as ...' on a remote GUI, the file name was always the same and the project file was overwritten.	Save the project on the local machine.	Fixed
139	05.0.00	08.0.01	4/2/2019	The Industrial HiVision OPC DA server is not discovered by Win10 version 1809, build 17763.379, because Win10 no longer contain .NET 2.0	-	Fixed in 08.0.01: Industrial HiVision no longer requires .NET 2.0.
140		06.0.00	1/23/2015	Running Industrial HiVision on a virtual machine can lead to performance issues.	-	Described in Readme
141	06.0.00	08.0.01	6/7/2019	The Java vulnerability CVE-2018-14718, for FasterXML jackson-databind 2.x; Versions before 2.9.7 might allow remote attackers to execute arbitrary code.	-	Fixed in version 08.0.01 The jackson-databind version has been updated to 2.9.9.
142	04.4.01	05.0.00	11/15/2012	It is possible that Rail BATs are not initialized, because the SNMP guessing did not succeed.	Workaround 1. Reduce the entries in the SNMP guess list and try to initialize the device with F5. Workaround 2: Configure the BAT so that it can handle more than 5 wrong password attempts.	Read access fixed in 05.0.00. Write access fixed in 05.1.00. ('Lock configuration after' should be set to 10 on the device)
143	06.0.00	07.0.04	8/20/2017	SNMP Timeouts occur with HiOS devices when SHA authentication and AES encryption is used.	-	Fixed in 06.0.08 and 07.0.04
145	4.00	08.0.00	4/6/2018	MultiConfig "Save Support Info" is not working properly without Telnet activated on the target device	Activate 'Telnet' (which is an insecure protocol)	Fixed in 08.0.00. MultiConfig "Save Support Info" uses the secure "ssh" instead of "Telnet".
146	04.4.00	04.4.02	1/24/2013	Performance issues compared to 04.3.00 if multiple GUIs are connected to a kernel	-	Fixed
147	4.00	04.1.00	8/19/2010	After start of Ind. HiVision service the status reason is only displayed for properties. The reason is not forwarded up.	-	Fixed: The reason was not determined after reading the database.
148		04.3.00	4/27/2011	Device configuration: SNMP V3: encryption password was passed to device configuration instead of authentication password. Error occurred on L2E devices. Also when encryption password and authentication password were different.	Configure in Ind HiVision the device like a L2P device. Configuration: 'SNMP V3 complete' with the encryption password.	Fixed
149	05.1.00	05.1.01	3/4/2014	Device Configuration for RSP, MSP and EES: open Device Configuration, wait some time (10m) and close Device Configuration. After that it is not possible to reopen Device Configuration again.	Restart GUI. updated 6/23/14: apply patch "device config in separate process" from Produkte\Industrial HiVision\_inofficial\05100\2014-04-22 - Final\DevConInSeparateProcess_ready4test	Fixed
150		07.0.00	4/12/2016	MultiConfig: Changing the device passwords does not work.	-	Fixed
152	4.00	04.3.00	9/5/2011	GUI freeze during start of 'Device Configuration' on Router/Switches with Software 07.0.00 - 07.0.02	Please update Router/Switches with Software 07.0.00 - 07.0.02 to 07.0.03 also for usage with older versions of the NMS (04.1.00, 04.2.01)	Fixed. Please update Router/Switches with Software 07.0.00 - 07.0.02 to 07.0.03
154	07.1.00	08.0.02	7/29/2019	Event "Components were added or removed on this device" without changing device components	-	Fixed
155	06.0.01	06.0.06	7/29/2016	Frequent disconnect and reconnect of subdomains on some installations.	-	Fixed
156	04.2.00	04.3.00	11/15/2011	Text and color of connection labels were sometimes missing (Windows 7 only)	Restart GUI.	Fixed
157	01.00	4.00	10/14/2009	The progress of the Network Scan is not visible.	-	Fixed: There is a progress bar below the detail display.
158	04.4.00	05.1.02	11/27/2014	Java code signing certificate expires at 20.02.2015	-	Fixed
159	04.1.00	04.2.01	6/28/2011	Starting a remote session from a web browser via https is not possible although it is enabled in the preferences.	-	Fixed
161	4.00	07.0.02	1/25/2017	The system does not poll when there are no licenses available at Kernel startup. The system still does not poll even after licenses are added later.	Restart Services.	Fixed
162	01.00	4.00	10/14/2009	It is not possible to set advanced options in the property dialog of a device (Properties - Protocols - SNMP V3).	Use the Preferences dialog: Preferences - Advanced - SNMP Configuration.	Fixed
163	05.1.00	05.1.01	9/19/2014	Industrial HiVision 5.1.00 + FW 8.0.05: in some case: launching "device configuration" displays the login page (with right login info) then the switch system info page but with no data displayed (continuous flashing yellow led on bottom right).	Close Industrial HiVision GUI (without stopping server) and restart. The system page is displayed correctly for a few times.	Fixed
164	03.00	4.00	2/23/2010	Port out load 100% for devices with 64 bit statistics counters.	-	Fixed. Also requires device firmware 6.0 or newer for RS2, (Power)MICE and MACH.
165	05.1.03	06.0.03	9/3/2015	In some cases the serial number displayed in the 'Properties'- tab is different from the serial number displayed in the web interface.	-	Fixed
166	4.00	06.0.00	12/12/2011	License dialog: the number of 'remaining licenses' is not correct after deleting a device	-	Fixed: remaining licences
167	05.1.00	05.1.02	11/28/2014	No Push Notifications for iOS devices since 27.11.2014	Patch 'Patch2_PushNotificationsUpdateCert' available for Ind. HiVision 05.1.01	Fixed
169	1.0	08.0.01	12/11/2018	Vulnerability in Java JNDI component (CVE 2018-3149) used by different APIs like LDAP, DNS or Corba. It is a difficult to exploit vulnerability which allows an unauthenticated attacker with network access via multiple protocols to compromise this JNDI component of Java SE.	Protect the network applications against unauthorized access	Fixed
172	05.0.00		8/23/2021	In Industrial HiVision TLSv1 and TLSv1.1 protocols are enabled by default.	see FAQs: <a href="https://hirschmann-support.belden.com/kb/articles/1285">https://hirschmann-support.belden.com/kb/articles/1285</a>	No fix planned.
174	08.2.00	08.2.01	10/27/2021	Devices that do not have the TLSv1.2 and TLSv1.3 protocols cannot be configured using the "Device Configuration" function.	To use the "Device Configuration" function, delete the TLSv1 and TLSv1.1 protocol entries from the <code>jdk.tls.disabledAlgorithms</code> section of the <code>security.java</code> file.	Fixed
175	05.0.00	08.1.01	1/23/2020	Industrial HiVision was not able to display interface speeds greater than 4Gbit/s.	The interface speed is now displayed correctly.	Fixed in 08.0.02 and 08.1.01

## List of Issues Industrial HiVision

ID	Since Release	Fix Release	Date	Description	Workaround	Correction
176	08.1.00	08.1.02	3/10/2020	After a Subdomain is disconnected and then reconnected, the subdomain remains in the down state.	-	Fixed
177	06.0.00	08.1.03	9/10/2020	SFP Port properties (power and temperature) are not determined correctly when the SFP is located in a module with slot number > 1	-	Fixed
178	08.1.02	08.1.03	10/1/2020	The subdomain remote interface opens in browser instead of a new GUI.	-	Fixed
179	07.0.00	08.1.03	8/31/2020	RSPEs that support TSN are not discovered. A PSM error is shown.	-	Fixed
180	08.1.00	08.1.03	9/7/2020	Multiconfig does not allow the user to delete the logfile of the HiOS devices.	-	Fixed
181	05.1.00	08.1.04	4/23/2018	In some cases the Vlan Consistency Check found an error, but the configuration was OK.	-	Fixed in 08.1.04 and 08.2.00.
183	05.0.00	08.1.04	6/3/2021	The Syslog message format only displayed which device has a link down. The message was missing the port information.	-	Fixed in 08.1.04 and 08.2.00: The new message format identifies the following columns: ID, Category, Source, Component, and Message
184	04.2.00	08.1.04	7/14/2020	The firmware version of the BAT WLC is not displayed.	-	Fixed in 08.1.04 and 08.2.00.
185	08.0.00	08.1.04	6/24/2021	If a LAG is configured on a BRS the ports of this LAG are not detected by Ind. HiVision.	-	Fixed in 08.1.04 & 08.2.01.
186	05.0.00	08.1.04	6/30/2021	When using the "Find" function to find the MAC addresses of the devices in the network, the function returned the first address that matched the query. The MAC address found could have been either a device or an interface.	-	Fixed in 08.1.04 and 08.2.00: The "Find" function now returns the MAC address of the device.
187	05.0.00	08.1.04	7/19/2021	The Multiconfig "Save to PC" function does not work.	-	Fixed in 08.1.04 and 08.2.00
188	05.1.00	08.2.00	8/30/2021	The serial numbers were not displayed properly in the 'Properties' tab, with the 'Serial Number (device)' option selected.	-	Fixed in 08.1.04 and 08.2.00.
189	05.1.00	08.1.04	3/25/2021	When attempting to view the readmes or release notes on a PC using a Windows 8/10 OS, with multiple versions of Industrial HiVision installed, the user cannot identify the documents that belong to a particular version in the Windows Start menu.	-	Fixed in 08.1.04 and 08.2.00. The Windows Start menu now contains a menu entry for each installed version of Industrial HiVision: Start > Hirschmann - Industrial HiVision X.Y
190	08.1.03	08.2.00	11/23/2020	When an administrator installs Industrial HiVision as a client, another windows 10 user, without admin privileges, cannot start Industrial HiVision.	Give the user read permission to the <Installation directory>\lib folder	No fix planned.
191	04.2.00	08.2.00	1/27/2021	On the kernel, starting a third-party library contacts an external URL (www.terracotta.org) to check for updates. The request contains statistical information such as the operating system, JVM version, and library version, but no customer information. No executable code is actually retrieved, independent of the result of the update check.	In <INSTALL-DIR>\config\service.xml add this line in the <Service Name="HiVisionKernelDb" block:  <arg Value="-Dorg.terracotta.quartz.skipUpdateCheck=true"/>	Fixed
192	01.1.00	08.2.00	8/31/2021	Event actions that run executable files can be triggered by configured "Alarm" Events. Thus if a project having configured chains of Alarms and Event Actions that point to a malicious executable is loaded by CNM, it could harm the CNM server integrity.	-	Fixed
193	1.0	08.2.00	9/6/2021	A maximum number of entries for SNMP tables can be configured in order to avoid problems with a faulty SNMP implementation on a device. The new parameter is not documented in the manual.	The parameter "Max. Size of SNMP Tables" can be configured in the preferences dialog "Advanced->Service Parameters" under the section "Device Availability". A service restart is required after changing this parameter.	Documentation will be updated in the next release
195	05.0.00		9/27/2021	The Multiconfig 'Load from PC' and 'Firmware Upgrade' not working for all BATs/firmware version.	Use web interface or LAN config.	Fix planned
196	08.0.00	08.2.01	8/18/2021	BAT devices with HILCOS versions 10 or later may report the Telnet security status as "Unsecure" in the "Security Status" tab even though it was disabled globally.	-	Fixed
198	1.0	08.2.01	4/20/2022	Multiple vulnerabilities published by Oracle. See <a href="https://www.oracle.com/security-alerts/cpuapr2022.html#AppendixJAVA">https://www.oracle.com/security-alerts/cpuapr2022.html#AppendixJAVA</a> for details. CVE-2022-21449 CVE-2022-21476 CVE-2022-21426 CVE-2022-21496 CVE-2022-21434 CVE-2022-21443	-	Fixed: JRE was updated to Java 8 Update 332.
199	06.0.00	08.2.01	1/14/2022	If a LAG is configured on a modular HiOS device the ports of this LAG are not detected by Ind. HiVision.	-	Fixed
200	06.0.00	08.2.01	4/12/2022	MultiConfig HiOS Authentication Server and Accounting Server: if a new entry is created, the shared secret is ignored.	After creating the entry, edit the entry and add the shared secret.	Fixed
201	05.0.00	08.2.01	1/24/2022	Autoconfig Adapter status does not show out-of-sync status for HiOS devices.	-	Fixed
202	05.0.00	08.2.01	2/3/2022	Connections to subdomains and license leasing causes issues when a lot of sub domains are not reachable.	Remove unreachable sub domains from the configuration of the super domain.	Fixed
203	08.1.00	08.1.01	12/19/2019	After checking the "SNMP Reachability" in the Event Auto Acknowledge dialog in preference, the check box does not remain checked after closing and reopening the Event Auto Acknowledge dialog box if there is only one checkbox selected.	Select "Ping Reachability" and "SNMP Reachability" to preserve selection of "SNMP Reachability".	Fixed
204	08.0.00	08.2.01	8/16/2021	HILCOS device can not be configured to be secure for SNMP V1/V2 security property.	-	Fixed
205	06.0.00	08.3.00	8/5/2022	RMA Security Status insecure if defining network ranges	-	Fixed
206	08.2.00	08.3.00	7/1/2022	Multiple vulnerabilities published. CVE-2017-1000028 CVE-2016-2141 CVE-2021-0341 CVE-2012-0881, CVE-2013-4002, CVE-2017-10355, CVE-2022-23437	-	Fixed
207	08.2.00	08.3.00	7/7/2022	The VLAN Consistency check was not correct in every case.	-	Fixed
208	08.2.01	08.3.00	10/19/2022	Multiple vulnerabilities published by Oracle. See <a href="https://www.oracle.com/security-alerts/cpuoct2022.html#AppendixJAVA">https://www.oracle.com/security-alerts/cpuoct2022.html#AppendixJAVA</a> for details. CVE-2022-21626 CVE-2022-21624 CVE-2022-21619	-	Fixed
209	1.0	08.3.00	7/20/2022	Multiple vulnerabilities published by Oracle. See <a href="https://www.oracle.com/security-alerts/cpujul2022.html#AppendixJAVA">https://www.oracle.com/security-alerts/cpujul2022.html#AppendixJAVA</a> for details. CVE-2022-21541 CVE-2022-21540	-	Fixed
210	05.1.00	08.3.00	10/27/2022	Multiple vulnerabilities published. See <a href="http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2022-42003">http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2022-42003</a> <a href="http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2022-42004">http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2022-42004</a> for details. CVE-2022-42003 CVE-2022-42004	-	Fixed