



ID	Since	Fixed in	Variant	Description	Workaround	Correction
1	05.0.00	05.0.01	2A 3A 3S	The operator for TCP/UDP Ports of an existing ACL rule cannot be changed to "eq".	Delete the rule and recreate it with the operator "eq".	Fixed in release 05.0.01.
2		04.0.02	EES RSP RSPE RSPS	PRP dialog is missing in web interface.	-	Fixed in release 04.0.02.
3	01.0.00	No fix	EES EESX GRS1020_1030 RED RSPL RSPS	The management agent is reachable with untagged packets, even the VLAN acceptable frametype is set to tagged frames only (admitOnlyVlan).	-	Hardware related limitation.
4	01.0.00	05.0.00	All	In the port mirroring webinterface dialog it is not possible to remove an interface from the source port list.	Click on the button "Reset config" to delete the port mirroring configuration completely or use CLI.	Fix in release 05.0.00.
5	04.0.00		3A	DVMRP does not work with devices belonging to the IP network of a configured secondary IP address.	-	No fix planned.
6	01.0.00		All	When IGMP snooping is enabled the data traffic, with a destination IP address in the 224.0.0.0-224.0.0.255 range, is handled as unknown multicast. With the IGMP snooping option "Unknown Multicasts" set to "Discard" or "Send to Query Ports" the unregistered multicast traffic may not be forwarded to the respective destination address.	Set the option "Unknown Multicasts" to "Send to All Ports".	Fix planned in future release.
7	04.0.00	04.0.04	2S EES RSPS	After reinserting the power supply connector into the device, the device conducts 2 reboot processes.	-	Fixed in release 04.0.06 and 05.0.00.
8	01.0.00	No fix	EES RED RSPS	If the configured QoS port priority for forwarding frames is used, the default Queue-Mapping will always take precedence over the configured Queue-Mapping. This is only relevant for untagged frames.	-	No change planned.
9	01.0.00	No fix	EES EESX GRS1020_1030 GRS103 RSPL RSPS	The packet-based ingress storm control is internally realized as byte-based storm control for a normalized packet size of 512 Byte.	-	Hardware related limitation.
10	04.0.00	04.0.01	3A MSP30	The maximum number of OSPF areas that you can configure is 30. If you attempt to configure a router interface in a non-existing area, e.g. area 31 and above, then the device may malfunction.	You can configure up to 30 OSPF areas only. To avoid the accumulation of unusable areas, e.g. area 31 and above, after you complete the reconfiguration, save the configuration and reboot the device.	Fixed in release 04.0.01.
11	04.0.00	04.0.04	3A 3S	The name of the application, that is linked to a tracking object, is not visible.	-	Fixed in release 04.0.04 and 05.0.00.
12	01.0.00	02.0.00	All	The device forwards frames from non-source ports to the probe port (destination port) when vlan-unaware mode is active.	-	Fixed in release 02.0.00.
13	02.0.00	02.0.04	EES RSP RSPL RSPS	The Auto-Disable reason list shows the unavailable options DHCP-Snooping and ARP-Rate.	-	Fixed in release 02.0.04.
14	04.0.00	04.0.01	3A 3S MSP30 RSP RSPE	When receiving malformed IGMP packets the packets will not leave the Rx buffer. The receive buffer is limited. If the number of packet exceed the limit, then the device will reboot.	-	Fixed in release 04.0.01.
15	05.0.00	05.0.01	3A 3S GRS1040 MSP30 MSP40 OS2 RSPE	An IP ACL containing one of 'gt/lt/neq' as the operator for TCP/UDP ports can not be assigned on an interface in outbound direction.	-	No fix planned.
16	02.0.00	02.0.04	RSP RSPL	The webinterface shows an unavailable option "multi-client" in the port-control column in the 802.1X port configuration dialogue.	-	Fixed in release 02.0.04.
17	04.0.00	04.0.03	3A MSP30	It is not possible to configure OSPF MD5 authentication secrets in the webinterface and also in the CLI if they are longer than 8 characters.	Use CLI for configuration and use less than 8 characters.	Fixed in release 04.0.03
18	01.0.00	01.1.00	EES RSP	The root folder of the product CD contains the executable "start.exe" which can be used to launch the CD menu if auto play is disabled. The free software bat2exe was used for creating this file. Starting with virus definitions identified on 20. July 2012, Symantec Endpoint protection reports a possible infection of this file by trojan.gen.2 (risk level: very low). Other virus protection software (Avira) does not detect a threat. At this point, it has not been determined whether this file is infected. A new file will replace this one, compiled from sources with a commercial compiler.	-	Fixed in release 01.1.00.
19	04.0.00	05.0.00	All	A MMS Write operation on the RCB (Report Control Block) RptId object deletes this object's value.	-	Fixed in release 04.0.04 and 05.0.00.
20	03.0.00	05.0.00	All	If several MMS Clients are registered for a report control block (RCB), a re-registration of one MMS Client on this instance of the RCB might fail after an interruption of the client's connection.	-	Fixed in release 04.0.04 and 05.0.00.
21	01.0.00	03.0.00	All	In RTSP is following dependency between the Bridge Max Age value and the Bridge Forward Delay: 2 x (Bridge_Forward_Delay ? 1.0 seconds) >= Bridge_Max_Age. Dependend on the values that are used, the configuration can not be cleared completely at one time.	Clear the configuration twice or set the value manually to default.	Fixed in release 03.0.00 and 02.0.04.
22	01.0.00	02.0.04	All	The configuration is displayed as 'InSync' after saving, even the SD card is write protected or is removed.	-	Fixed in release 02.0.04.
23	04.0.00	05.0.00	3A 3S	Since release 05.0.00, the default value for the redistribution of subnetted routes into OSPF has changed. The subnetted routes are now redistributed by default. The behaviour will change if a cli script is applied without an explicit configuration for this feature.	To enable the old behaviour, use the cli command 'ip ospf re-distribute (static connected rip) subnets disable', or disable the subnet option in the Routing->OSPF->Global->Redistribution dialog.	No change planned.
24	01.0.00	01.1.00	EES RSP	In rare cases, it is possible that after a software update the device is still in the update mode. In this mode, it is not possible to start a further update and a reboot is delayed by 20 minutes.	Restart the device by removing the power supply.	Fixed in release 01.1.00.



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25	01.0.00	01.1.02	All	During a configuration save a device reboot can be started (e.g. via a different interface web/cli/mib). This results in a damaged configuration and therefore the device will restart with default settings.	After saving the configuration please wait 5 seconds before initiating a reboot.	Fixed in release 01.1.02 and 02.0.00.
26	04.0.00	04.0.02	MSP30	OSPF auto-cost value is not saved to non volatile memory.	-	Fixed in release 04.0.02.
27	02.0.00	03.0.00	RSPL	The RSPL DHCP L2 relay floods DHCP packets if RSTP is disabled.	Save and reboot the device.	Fixed in release 03.0.00.
28	01.0.00	03.0.00	All	It is not possible to change the SNMP port number at runtime.	Change SNMP port, save the configuration and reboot the device.	Fixed in release 03.0.00.
29	02.0.00	03.0.00	RSP	If a Gigabit SFP is plugged in to ports 1 or 2 on a running RSP, the SFP is disabled. After rebooting the RSP, the Gigabit SFP is set to 100Mbit/s full duplex and can establish a link. Data transfer may be possible. Hirschmann does not guarantee for Gigabit SFPs, that data transmission works in Fast Ethernet mode. PRP or HSR mode does not support Gigabit speed on ports 1 or 2.	Do not use Gigabit SFPs in port 1 or 2 in PRP or HSR mode.	Fixed in release 03.0.00.
30	01.0.00	No fix	All	It is not possible for users with role 'operator' to configure dot1x from the web interface after a software update from 01.0.0x/ 01.1.0x to 02.0.00 and higher.	Issue a 'clear config' or manually delete the following entry as 'administrator' using a SNMP tool e.g. Hirschmann SNMP browser: vacmViewTreeFamilyStatus.15.111.112.101.114.97.116.111.114.95.118.105.101.119.95.119.9.1.3.6.1.4.1.248.12.36 set to '6' (destroy).	No change planned.
31	02.0.00	No fix	All	Voice VLAN works together with DHCP Option 176 only if Voice VLAN authentication is disabled on that interface.	-	No change planned.
32	04.0.00	04.0.04	3A 3S	In some cases, flush packets are mirrored back to the port on which the packets were originally received. Mirroring the packets back to the original port causes an extra flushing of the mac address table.	-	Fixed in release 04.0.04 and 05.0.01.
33	01.0.00	07.0.00	All	If the Java security settings are set to very high, the HTTPS connection cannot be established to a device as long as the default certificate is used.	Exchange the web server certificate on the device with one that contains an OSCP and/or CRL URL (preferred). Alternatively, weaker Java security settings can be used.	Fixed in release 07.0.00.
34	04.0.00	04.0.01	3A 3S MSP30 RSP RSPE	When creating a script on a device with loopback or vlan routing interfaces, some commands will be included that are not suitable for these ports. This will lead to error messages when the script is reapplied.	The script can be edited manually if needed.	Fixed in release 04.0.01.
35	04.0.00	04.0.01	3A 3S MSP30 RSP RSPE	If multiple router interfaces with VRRP instances become active simultaneously the router can become unreachable and you must rebooted the device for recovery.	-	Fixed in release 04.0.03
36	01.0.00	No fix	All	If the admin state of a port is disabled and the power state option is also disabled (default), the port LED will not blink green if a remote port is available. (Because the local port is physically turned off by the power state option.)	If a possible remote connection shall be signalled by the green port LED although the admin state is disabled, enable the power state option. In this case the local port will then be physically turned on.	System characteristic.
37	03.0.00	03.0.03	MSP30	The MSP does not start after a reboot, if it is equipped with MSM20 fiber module(s).	Remove MSM20 module(s) until device has booted.	Fixed in release 03.0.03.
38	02.0.00	No fix	GRS1040 MSP30 MSP40	The dot1x policy is always applied to the ingress direction even when the policy-map is egress.	-	No change planned.
39	01.0.00	05.0.00	All	In case of high network load the PTP time synchronization is sometimes lost.	-	Fixed in release 05.0.00
40	01.0.00	02.0.04	All	The spanning-tree forward-time value is not set to default after clearing the configuration.	-	Fixed in release 02.0.04.
41	04.0.00	04.0.02	3A 3S MSP30 RSP RSPE	If the number of VRRP instances and router interfaces exceeds 12, ARP requests cannot be resolved any more.	-	Fixed in release 04.0.02
42	01.0.00	02.0.04	All	Radius client sends "state" attribute in the access-request packet to radius server. Some radius servers cannot deal with this and reject access.	-	Fixed in release 02.0.04.
43	02.0.02	02.0.03	All EES RSP RSPS	If HSR is configured in HSR-PRP mode, frame loss can occur at the Interlink between HSR and PRP LAN in full duplex mode. The frame loss rate depends on the network load. Therefore HSR-PRP mode is not a recommended mode when the application does not accept frame loss.	-	Fixed in release 02.0.03.
44	01.0.00	02.0.03	EES RSPS	In some cases the serial line can enter a locked state and sends only one character for each received keyboard input.	-	Fixed in release 02.0.03.
45	01.0.00	02.0.06	All	The ICMP echo request packet sent by the CLI command "ping" wrongly uses the router alert option.	-	Fixed in release 02.0.06 and 03.0.01.
46	02.0.00	03.0.00	All	Dynamically created VLAN settings by Voice VLAN or dot1x are overwritten by static settings in the same VLAN.	Configure static VLAN settings before activating Voice VLAN or dot1x, or reboot after reconfiguration.	Fixed in release 03.0.00.
47	04.0.01	05.0.00	EES OS2 RED RSP RSPE RSPS	On a device with the PRP or HSR function enabled, the QoS port settings are not visible.	-	Fixed in release 04.0.04 and 05.0.00.
48	01.1.00	03.0.00	EES RSPS	When an SFP is installed in ports 1/1 and 1/2, the ports sometimes display link activity even if there is no cable plugged into the port.	-	Fixed in release 03.0.00.
49	02.0.00	02.0.04	MSP30	It is not possible to configure an ACL which disregards DSCP or TOS values.	-	Fixed in release 02.0.04.
50	03.0.00	04.0.02	MSP30	Assigning multiple classes to the same DiffServ policy creates an error in the web interface.	Use CLI for configuration.	Fixed in release 04.0.02.
51	01.0.00	02.0.05	All	Due to a change in the Java requirements the web interface does not open anymore since Java version 7 (Update 51) with the standard configuration.	Change in the Java Control Panel (Under Windows: Control panel/Java): - Security level to medium - Or add the device address to the exception site list (e.g.: https://192.168.99.1) - Or use HiView	Fixed in release 02.0.05 and 03.0.00.
52	01.0.00	01.1.00	EES RSP	The device displays the hardware revision as "0065" instead of "0101".	-	Fixed in release 01.1.00.



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53	04.1.00	05.0.04	EES EESX GRS1020_1030 RED RSPL RSPS	The data in the NVM may become corrupted sporadically. This also affects a software update which might fail.	Update to 05.0.04 or 04.0.06 and verify in the Event/System Log that the update was successful, before a reboot is performed.	Fixed in release 05.0.04 and 04.0.06.
54	04.0.02	04.0.02	MSP30	MSM M12 module is not supported on a Gigabit capable slot.	-	Fixed in release 04.0.02.
55	01.0.00	02.0.03	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 02.0.03.
56	02.0.00	No fix	All	If the scp copy command is used in combination with OpenSSH server, an OpenSSH version 5.6 or newer should be used.	-	No change planned.
57	03.1.00	04.0.03	RSPE	Link on MRP ringport may not be restored when fiber cable is disconnected and connected on SFP LX/LC ports.	-	Fixed in release 04.0.03
58	01.0.00	02.0.03	All	Some types of SFP transceivers report that their receive power state is OK even there is no link established.	-	Fixed in release 02.0.03.
59	02.0.00	02.0.06	All	CLI scripting could not apply a script, if the file extension ".cli" is written in capital letters, for e.g. ".CLI".	Use script names with with lower letters in the file extension.	Fixed in release 02.0.06 and 03.0.02.
60	01.0.00	05.0.00	All	The device status alarm, caused by an MRP ring failure, is not removed after the protocol is disabled.	-	Fixed in release 04.0.04 and 05.0.00.
61	03.0.00	No fix	2A RSP	After updating an RSP-2A device to release HiOS 04.0.00, the LAG, HSR and PRP settings on the ports will be lost.	Please save the configuration as a script first before performing the software update, then upload the script after the device is running with release HiOS 04.0.00.	No change planned.
62	04.0.02	04.0.02	All	SSL vulnerability known as POODLE (CVE-2014-3566).	-	Fixed in release 04.0.02 and 04.1.00.
63	01.0.00	02.0.00	EES RSP	In some cases the audit trail and the system log dialog becomes temporally unresponsive because of a long-term operation during the download of the HTML pages. This behavior just occurs with Java 7.	Download the HTML pages directly with the web browser: <ip-address>/download.html?filetype=audittrail <ip-address>/download.html?filetype=systeminfo	Fixed in release 02.0.00.
64	01.0.00	No fix	EES RED RSPS	In VLAN unaware mode double-tagged frames are only forwarded if the outer tag belongs to VLAN 1. In this case the frame is forwarded but the outer tag is removed on egress.	Disable VLAN unaware mode to forward double-tagged frames.	Hardware related limitation.
65	01.0.00	01.1.01	All	If the BOOTP protocol is activated, it is not possible to set the management IP address via the HiDiscovery protocol.	-	Fixed in release 01.1.01.
66	02.0.00	02.0.05	RSP	The rate limiter table displays the PRP interface name with "noName" if PRP is disabled.	-	Fixed in release 02.0.05 and 03.0.00.
67	01.0.00	No fix	All	The link status does not switch to the correct speed when a mismatch occurs. For example, if a port is manually set to 10 Mbit/s and the peer is set to 100 Mbit/s.	Use auto negotiation or configure the port speed properly.	Hardware related limitation.
68	01.0.00	02.0.00	EES RSP	The standalone web interface just accepts changes in the preferences after a restart.	Restart the standalone WEB interface.	Fixed in release 02.0.00.
69			RSP	When using gigabit optical SFPs on the RSP35/37, the device does not correctly detect if one of the two optical fibers of a link is broken (Remote Fault). Since the device does not correctly detected the broken fiber, the port status remains "up". However, the device changes the port status to the "down" if both fibers are broken. "Remote fault" is part of the Auto-negotiation process for Gigabit and should recognize one sided link interruptions. However, the fiber on which the device receives data must be broken in order for the fault to be detected.	-	No fix planned.
70	04.0.00	04.0.02	3A MSP30	If an ACL is used to filter redistributions in OSPF or RIP, all routes that do not match any of the rules in the ACL are accepted. They should be denied instead.	Add a rule that denies everything to the end of the ACL so the default case is not reached.	Fixed in release 04.0.02. If only some routes shall be denied and all others accepted, a rule that permits everything has to be added at the end of the ACL.
71	03.0.00	03.0.02	All	The device may run out of memory resources and reboot if the CLI command "show port all" is executed periodically.	-	Fixed in release 03.0.02.
73	01.0.00	03.0.00	All	If the Spanning Tree BPDU rate on a given interface exceeds 15pps for three consecutive seconds the port is disabled.	-	Fixed in release 03.0.00.
74	01.0.00	05.0.01	All	If a configuration file is loaded while the device is in operation, then the VLAN settings can be incomplete.	Reboot the device after the configuration is saved to the device.	Fixed in release 05.0.01.
75	01.0.00	02.0.04	RSP	On boot up the MRP ports sporadically remain in blocking state.	-	Fixed in release 02.0.04.
76	03.0.00	03.0.04	All	IEC61850-MMS server may enter a state were "object-access" on BRCB objects is denied.	-	Fixed in release 03.0.04.
77	04.0.01	05.0.00	EES	Ring ports of an MRP client may not forward traffic after link up.	-	Fixed in release 04.0.04 and 05.0.00.
78	02.0.00	03.0.00	MSP30	The HiOS DNS client and the HiSecOS DNS caching server are using the same MIB objects for the DNS cache.	-	Fixed in release 03.0.00.
79	03.0.00	03.0.02	All	The management agent is not reachable, if Address Conflict Detection is disabled.	Do not disable Address Conflict Detection.	Fixed in release 03.0.02.
80	01.1.00	01.1.01	EES RSP	VRRP and PRP - master router election fails if transfer network is a PRP network.	-	Fixed in release 01.1.01.
81	01.0.00	04.0.02	MSP30	Disabling authentication traps has no effect.	-	Fixed in release 04.0.02.
82	03.1.00		OS2 RSPE	The TP cable diagnosis function is not available on the RSPE35/37 for the ports 1/1, 1/2, 1/3 and 1/4. If this function is performed on one of these ports an error message is displayed.	-	No fix planned.
83	04.0.00	05.0.00	MSP30 RSPE	The PoE module does not support hotplugging.	Reboot the device after the module is installed.	Fixed in release 04.0.04 and 05.0.00.
85	01.0.00	05.0.00	All	The Graphical User Interface does not upload configuration files when the file name contains spaces.	-	Fixed in release 04.0.04 and 05.0.00.
86	03.0.00	04.0.00	All	The device has the Auto Disable and Port Monitor functions configured to detect CRC Errors. When the device detects a CRC error, it doesn't disable the port automatically.	Configure the device, then save the configuration and reboot the device. After the reboot the device functions properly.	Fixed in release 04.0.00.
87	02.0.00	02.0.02	MSP30	If a cable test is performed on ports 1/1 to 1/4, the link does not come up again.	To establish the link again, first enable and then disable the power-state on this port.	Fixed in release 02.0.02.
88	01.0.00	02.0.00	EES RSP	If RSTP is globally set to disable the port states are shown as disabled instead of manual forwarding. The device still forwards the data correctly.	After a reboot, the device shows the port state correctly.	Fixed in release 02.0.00.



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89	01.0.00	No fix	OS2 RDD RSP RSPE	While using 10 Mbit/s half-duplex connections in shared networks, in rare cases, the link can be interrupted temporarily.	-	No change planned.
90	01.0.00	02.0.00	EES RSP	Actions that interrupt the connection on the device port, to which the web interface is currently connected, will cause the web interface to remain in "Writing data" mode indefinitely, i.e. when changing the port configuration or the RSTP states.	Restart the web interface.	Fixed in release 02.0.00.
91	04.0.00	05.0.00	All	Use of RMON alarms sporadically leads to a reboot.	-	Fixed in release 04.0.04 and 05.0.00.
92	02.0.00	02.0.05	MSP30	If a media module is plugged in slot 7, port mirroring is not configurable with the web interface.	Alternatively port mirroring can be configured with the CLI command "monitor".	Fixed in release 02.0.05 and 03.0.00.
93	03.0.00	03.0.02	EES RSP	The copy command does not validate the FTP password if entered in URL format, e.g. CLI command "copy eventlog buffered remote ftp://<user>:<password>@<ip address>/file.txt". As a result the command will fail.	-	Fixed in release 03.0.02.
94	04.0.00	05.0.00	3A 3S	The virtual IP address of a VRRP instance cannot be pinged from all subnets.	-	Fixed in release 04.0.04 and 05.0.00.
95	01.0.00	04.0.02	All	The communication to the device can be blocked by a high amount of fragmented IP packages sent to the management interface.	-	Fixed in release 04.0.02 and 04.1.00
96	02.0.00	05.0.00	All	After an attempt to update the software fails, a subsequent attempt to update the software results in the failure message, "already in process".	-	Fixed in release 05.0.00.
97	01.0.00	No fix	All	The devices snoop only IGMP packets with the IP router alert option enabled.	Set the IP router alert option for IGMP packets. This is mandatory for IGMPv2/v3 packets (see RFC3376).	No change planned.
98	03.0.00	05.0.00	All	The device will reboot, if a server entry of an SNTP client configuration with a DNS address type is removed.	-	Fixed in release 05.0.00.
99	02.0.00	02.0.01	EES RSP RSPL RSPS	The CLI command "no monitor session 1 mode" is not functional.	Use the WEB interface to disable Port Mirroring globally.	Fixed in release 02.0.01.
100	04.0.00	05.0.00	3A 3S	PTP is not working on port-based router interfaces.	-	Fixed in release 05.0.00
101	03.0.00	04.0.03	All	Link backup fallback times may be too high if fallback timer is set to 0 or partner is a RSPL or GRS device.	Set fallback to disabled or fallback timer greater than 2 seconds.	Fixed in release 04.0.03
102	01.0.00	No fix	All	Changing the HTTP or HTTPS port number or operation state will close all active HTTP and HTTPS sessions.	Restart the web interface. Restart the web server.	No change planned.
103	01.0.00	01.1.00	RSP	When connecting port 1 or port 2 of RSP25 or RSP35 in Fast Ethernet Mode to a MICE media module or M4-FAST 8SFP via a fiber port it might happen that the link toggles. This means that the link state goes up and down periodically. In this case, the RSP25 or RSP35 shows no link change behavior but sees corrupted frames.	-	Fixed in release 01.1.00.
104	01.0.00	02.0.06	All	The port utilization shown in the webinterface are two dimensions too low. For e.g. instead of 20% a value of 0,2 % is shown.	Use CLI or HiVision to monitor the utilization.	Fixed in release 02.0.06 and 03.0.00.
105	01.0.00	02.0.00	EES RSP	If a datagram is lost during a TFTP file transfer to the device the transfer will fail.	Use SFTP or HTTP file transfer instead.	Fixed in release 02.0.00.
106	04.0.00	04.0.02	MSP30 RSP RSPE	A SNMP MIB walk could lead to a reboot of devices using software level 2A and 2S.	-	Fixed in release 04.0.02. For 2S fixed in 04.0.03.
107	03.0.00	04.0.02	All	Source and Destination MAC Addresses in ACLs cannot be configured using masks.	Use inverted masks (known as wildcard notation) when specifying source or destination MAC Address masks. Configured masks are displayed incorrectly in the web interface; use the CLI to display the actual configuration.	Fixed in release 04.0.02. Please note that scripts containing inverted masks need to be changed by hand.
108	04.0.04	05.0.03	EES EESX GRS1020_1030 RED RSPL RSPS	If the flash filesystem of the device gets corrupted, the integrated recovery method does not work correctly and the device reboots continuously.	Enter into System Monitor 1 on the serial console.	Fixed in release 04.0.06 and 05.0.03.
109	04.0.00	05.0.03	3A 3S	The VLAN based Router Interface names used for tracking may be truncated when displayed in the "show running-config" output.	-	Fixed in release 05.0.03.
110	05.0.00	05.0.03	RSP	On the prp/1 and hsr/1 interfaces, the Port VLAN (PVID) settings that are different from the VLAN 1 default settings have no effect.	-	Fixed in release 05.0.03.
111	04.1.00	05.0.03	GRS1020_1030 MSP30 RSPE	Modular devices lose RAM over time. This can lead to a reboot after a couple of weeks.	-	Fixed in release 05.0.03.
112	05.0.00	05.0.03	All	Several issues regarding the PROFINET protocol were fixed.	-	Fixed in release 05.0.03.
113	01.0.00	05.0.03	All	After 49 days of operation the multicast filter, established by IGMP snooping, DVMRP or PIM, ages and has to be relearned. This can cause a temporary communication issue.	-	Fixed in release 05.0.03.
114	05.0.00	05.0.04	RSP	If the software is updated from major release 2 to major release 5, the VLAN settings of the PRP or HSR interface may not be applied.	-	Fixed in release 05.0.04.
115	05.0.03	05.0.04	All	White-list on ACA is not applied during boot phase.	Copy white-list to NVM and remove ACA.	Fixed in release 05.0.04.
116	05.0.00	05.0.04	OS2 RSP RSPE	DLR SignOn packets may be send with the wrong IP address information.	-	Fixed in release 05.0.04.
117	05.0.00	05.0.04	OS2 RSP RSPE	Double VLAN tagged frames are sent if the DLR VLAN ID is not 0 and the VLAN unaware mode is active.	Configure the DLR VLAN ID to 0 if the VLAN unaware mode is active.	Fixed in release 05.0.04.
118		05.0.04	RSP	An empty SFP slot of a PRP or HSR port may result in data loss.	Plug in a SFP or disable this port.	Fixed in release 05.0.04.
119	04.0.00	05.0.04	MSP30	In the HiVRRP configuration, the combination of HiVRRP domains and link-down notifications does not work correctly. If a notification packet is received, only the supervisor is switched to master state, but not the other members of the domain.	Do not use link-down notifications together with domains or enable redundancy check per member for the domain.	Fixed in release 05.0.04
120	05.0.00	05.0.04	MSP30	In some cases the ACLs are not completely applied after a reboot.	-	Fixed in release 05.0.04.
121	05.0.03	05.0.04	RSPE	If a SFP is plugged during a reboot, the port speed is displayed wrong.	-	Fixed in release 05.0.04.
122	05.0.04		All	The web based interface of devices with HiOS from release 05.0.04 upwards can't be opened with HiView.	-	Fixed with HiView 03.0.00



ID	Since	Fixed in	Variant	Description	Workaround	Correction
123		06.0.00	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 06.0.00.
124	01.0.00	06.0.00	All	Traps are being sent for SNMPv1 authentication failure even if SNMPv1 is disabled.	-	Fixed in release 06.0.00.
125		06.0.00	All	The management VLAN ID may not be changed when cli script is applied.	-	Fixed in release 05.0.05 and 06.0.00.
126	04.0.00	06.0.00	MSP30	Links can be unstable on MSM20 modules with mixed fiber and copper port configuration.	-	Fixed in release 06.0.00.
127	02.0.00	06.0.00	MSP30 OS2 RSPE	The PoE power might be switched off too soon if the device operates close to its boundaries (low supply voltage, long cable, high PoE load).	-	Fixed in release 06.0.00.
128	03.0.00	06.0.00	All	When changing the vlan unaware mode or modifying a value in the GUIs Network dialog the management vlan is changed back to default (1).	Change the management vlan back to the desired value using the CLI.	Fixed in release 06.0.00.
129	06.0.01	06.1.00	GRS1040	The RJ45 copper SFPs (M-SFP-TX/RJ45, M-FAST-SFP-TX/RJ45) are not supported.	-	Support for RJ45 copper SFPs included in release HiOS 06.1.
130	03.0.00	06.0.02	All	The DHCP server doesn't reply to DHCP discover messages after a reboot of the DHCP client if the DHCP pool only has one entry. Also the configured Default Gateway might get lost after a reboot.	-	Fixed in release 06.0.02 and 06.1.00.
131	04.0.00	06.0.01	All	For some configurations a -fingerprint mismatch- is logged at each boot although the configuration fingerprint is correct.	-	Fixed in release 06.0.01.
132	04.0.00	06.0.01	3S OS2 RSP RSPE	PRP/HSR used together with routing on the same device is not working for some VLAN configurations.	-	Fixed in release 06.0.01.
133	06.0.00	06.0.01	MSP30 RSPE	Enabling PoE fast-startup could cause an endless reboot.	Clear the configuration using System Monitor 1 or boot a configuration from ACA where PoE fast-startup is disabled.	Fixed in release 06.0.01.
134	01.0.00	06.0.01	All	If the VLAN configuration is changed using the web based interface new values are only shown after a reload of the dialog.	-	Fixed in release 06.0.01.
135	06.0.00	06.0.01	EESX GRS1020_1030 RSPL	Configured management VLAN and ACL VLAN assignments are not cleared with the "clear config" command.	-	Fixed in release 06.0.01.
136	06.0.00	06.0.01	GRS1040 MSP30	The cos-queue min/max-bandwidth settings are not reflected correctly in the "show running-config script" output.	-	Fixed in release 06.0.01.
137	06.0.00	06.0.01	2A 3A 3S	The Redundant Coupling Protocol (RCP) slave might become unreachable sporadically or could cause loops depending on the network topology.	-	Fixed in release 06.0.01
138	05.0.00	06.0.01	2S RSP	MTU values greater than 4096 bytes are not configurable.	-	Fixed in release 05.0.05 and 06.0.01.
139	01.0.00	06.0.02	EES RED RSP RSPS	On ports 1/1 and 1/2 IPv6 frames are dropped if PRP, DLR or FastMRP software is loaded. The following device and software combinations are affected: EES: FastMRP, PRP RSP: PRP RSPS: FastMRP, PRP, DLR RED: FastMRP, PRP, DLR	-	Fixed in release 06.1.00 and 06.0.02.
140	05.0.04	06.0.02	OS2	Some device variants do not respond to PROFINET DCP requests.	-	Fixed in 06.1.00 and 06.0.02.
141	04.1.01	06.0.02	OS2 RSP	On OS2x and RSP2x the connector type in the PROFINET GSDML file is displayed as 1Gbit instead of 100Mbit for fiber ports.	-	Fixed in release 06.1.00 and 06.0.02.
142	04.0.00	06.0.02	3S MSP30 RSPE	In some cases the VRRP backup does not become active when the VRRP master is powered down.	-	Fixed in release 06.1.00 and 06.0.02.
143	06.0.00	06.0.02	OS2	On some Octopus PoE variants PoE power is not delivered on ports 1/1 to 1/4 and 1/9 to 1/11.	-	Fixed in release 06.1.00 and 06.0.02.
144	05.0.00	06.0.02	2A 3S	In some scenarios, the Subring Manager does not send Topology Change notifications when the Subring redundancy is lost.	-	Fixed in release 05.0.06, 06.0.02 and 06.1.00.
145	03.0.00	06.0.02	2A 3S OS2 RSP RSPE	It is not possible to create a DiffServ policy which does a "mark Cos value" and a "assign to queue" at the same time.	-	Fixed in release 06.1.00 and 06.0.02.
146	06.0.01	06.0.02	All	Removing or inserting an SFP on a MRP port causes a short link down on the other MRP port.	-	Fixed in 06.1.00 and 06.0.02.
147	03.0.00	06.0.02	All	A network loop can occur if a cable is connected to a port which is member of a link aggregation.	-	Fixed in 06.1.00 and 06.0.02.
148	05.0.00	06.1.00	All	The IEC61850-MMS ASO-context-name object identifier is encoded as an octet string.	-	Fixed in release 06.1.00.
149	04.0.00	06.0.02	3A 3S	If a router is connected to a layer 2 redundancy like MRP the recovery time for routed traffic is in the range of seconds.	-	Fixed in release 06.1.00 and 06.0.02.
150	06.0.01	06.1.00	RSP	If no SFP is plugged into Port 1/1 with PRP or HSR enabled, data loss will occur.	Plug in a SFP on port 1/1	Fixed in release 06.1.00 and 06.0.02.
151	06.0.02	06.0.03	All	Depending on the MAC address of the device, the ports or router interfaces may have wrong MAC addresses. In rare cases this can lead to a reboot.	-	Fixed in 06.1.01 and 06.0.03.
152	06.1.00	06.1.02	2A 3A 3S	Web based interface throws error message when enabling RSTP.	Use CLI to enable RSTP.	Fixed in release 06.1.02.
153	06.0.00	06.1.02	All	IP forwarding is enabled although the device is not configured as a router.	-	Fixed in release 06.1.02.
154	06.0.00	06.1.02	GRS1020_1030	Sometimes the ACA is not detected correctly during startup of the device.	-	Fixed in release 06.1.02.
155	04.0.00	06.1.02	All	Applying a script from remote using SNMP is not working.	-	Fixed in release 06.1.02.
156	04.0.00	06.1.02	3A 3S	Stress on dynamic routing protocols (e.g. OSPF) can lead to lockup of the routing functionality.	-	Fixed in release 05.0.06 and 06.1.02.
157	04.0.00	06.1.02	3A 3S	The DHCP server is not offering IP addresses for clients connected to VLAN based router interfaces.	-	Fixed in release 06.1.02.
158	06.0.00	06.1.02	All	Communication between ports with port security enabled is blocked.	-	Fixed in release 06.1.02.
159	01.1.02	06.1.02	All	In some cases IGMP snooping is not working if more than 20 multicasts are used.	-	Fixed in release 05.0.06 and 06.1.02.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
160	01.0.00	06.1.02	EES RED RSPS	If Port Security is enabled packet loss can occur.	-	Fixed in release 06.1.02.
161	06.0.00	06.1.02	OS2 RSP RSPE	IGMP snooping is not working in combination with ACLs.	-	Fixed in release 06.1.02
162	06.0.00	06.1.02	GRS1040 MSP30 MSP40	Changing from fiber to copper modules can lead to single-side data loss.	After plugging the copper module a device cold start is required.	Fixed in release 06.1.02.
163	01.0.00	06.1.02	All	It is not possible to configure a ACL with the broadcast address (255.255.255.255) via the CLI.	Use Web based interface to configure ACL.	Fixed in release 06.1.02.
164	05.0.00	06.1.02	RSP	A Sub-Ring is unstable if used together with MRP on devices with Fast-MRP support.	-	Fixed in release 05.0.06 and 06.1.02.
165	04.0.00	06.1.02	3A 3S	In some configurations Tracking does not correctly handle multiple routes with different preferences.	-	Fixed in release 06.1.02.
166	01.0.00	07.0.00	All	Globally disabled traps can't be enabled any more.	Enabling the traps may work within the first 50 minutes after a reboot. If this is not successful, a configuration with enabled traps can be loaded.	Fixed in release 07.0.00.
167	02.0.00	06.1.03	All	In the dialog "Network Security->Overview" not all access lists are shown.	-	Fixed in release 06.1.03
168	06.0.01	06.1.03	RSP RSPE	If the master switch of a redundant ring coupling pair reboots, some of its ports may stay in disabled state.	-	Fixed in release 06.1.03.
169	05.0.00	06.1.03	2A 3A 3S	LDAP via SSL tries to connect to the wrong server in some scenarios.	-	Fixed in release 06.1.03.
170	06.1.00	06.1.03	All	After a reboot, link aggregations may not forward any data.	-	Fixed in release 06.1.03.
171	02.0.05	06.1.03	All	Sometimes scripts created with "show running-config script" cannot be applied completely depending on the configuration.	-	Fixed in release 06.1.03.
172	03.0.00	06.1.03	All	If the option "min. active links" is used on a LAG, loosing one link in the LAG can lead to a packet loop in the network.	-	Fixed in release 06.1.03.
173	06.1.00	06.1.03	GRS1040 MSP40	When ip routes are changed, the device may still use the old gateways for its own management communication.	-	Fixed in release 06.1.03.
174	04.1.02	06.1.04	OS2 RSP RSPE	In rare cases the firmware of the device can get corrupted after some time.	-	Fixed in release 06.1.04, 05.0.07 and 07.0.05.
175	02.0.00	06.1.04	RSPS	On some device variants a continuous reboot can occur.	-	Fixed in release 06.1.04.
176	01.0.00	06.1.04	All	A storm of ARPs or packets with TTL=1 can lead to reachability problems to the switch agent.	-	Fixed in release 06.1.04.
177	06.0.00	07.0.00	RED	Sporadically port monitor overload detection does not work.	-	Fixed in release 07.0.00.
178	06.1.00	07.0.00	GRS1040 MSP40	Sometimes SNMP packets are answered with the wrong interface IP address.	-	Fixed in releases 07.0.00 and 06.1.05.
179	01.0.00	07.0.00	All	The DHCP server answeres requests from VLANs that do not have a pool configured.	-	Fixed in release 07.0.00. NOTE: Requests will now only be answered in the management VLAN, on port routing interfaces or if a pool is explicitly configured to that VLAN.
180	01.0.00	07.0.00	All	In configurations with multiple VLANs IEEE1588 (PTP) packets forwarded by a transparent clock can be corrupted.	-	Fixed in releases 07.0.00 and 06.1.05.
181	06.0.00	07.0.00	OS2 RSPE	If an interface with NAT rules configured changes its speed, certain packets are no longer forwarded. Sometimes this can happen at bootup when ports with different speeds are connected.	-	Fixed in releases 07.0.00 and 06.1.05.
182	01.0.00	07.0.00	All	The spanning-tree topology change trap cannot be disabled.	-	Fixed in release 07.0.00.
183	06.1.00	07.0.00	All	The VLAN-unaware-mode is not loaded correctly from the configuration.	-	Fixed in releases 07.0.00 and 06.1.05.
184	02.0.00	07.0.00	RSPS	Some devices reboot continuously depending on the environmental temperature.	-	Fixed in release 07.0.00.
185	06.1.00	07.0.00	EES OS2 RED RSP RSPE RSPS	PROFINET DCP packets are not forwarded on an HSR ring.	-	Fixed in release 07.0.00.
186	04.0.00	07.0.00	3A 3S	If IGMP Snooping is used on vlan routing interfaces, the multicast packets are not forwarded as expected.	-	Fixed in releases 07.0.00 and 06.1.05.
187	04.0.00	07.0.00	3A 3S	Management of a router can become unreachable if a path of an ECMP route fails.	-	Fixed in releases 07.0.00 and 06.1.05.
188	06.0.00	07.0.00	EES RED RSPS	IEEE1588 (PTP) synchronization between the first two ports and other ports on the device sometimes has a static offset.	-	Fixed in releases 07.0.00 and 06.1.05.
189	05.0.00	07.0.00	All	After clearing the configuration HiDiscovery v2 does not work.	-	Fixed in releases 07.0.00 and 06.1.05.
190	03.0.00	07.0.00	All	Device sometimes reboots at a IED Scout(4.20) discovery operation.	-	Fixed in releases 07.0.00 and 06.1.05.
191	04.0.00	07.0.00	3A 3S	VLAN routing interfaces can be lost when loading a configuration file during operation or by the automatic config undo feature.	-	Fixed in releases 07.0.00 and 06.1.05.
192	05.0.03	07.0.00	All	If PROFINET is enabled while a port is disabled, the next higher port became disabled instead.	-	Fixed in releases 07.0.00 and 06.1.05.
193	05.0.00	07.0.00	2A 3A 3S	Show running-config script shows wrong ports for MRP over link-aggregation.	-	Fixed in releases 07.0.00 and 06.1.05.
194	06.0.00	07.0.00	2A 3A 3S	In some cases the recovery time between subbrings exceed 500ms if a subring manager reboots.	-	Fixed in releases 07.0.00 and 06.1.05.
195	07.0.00	07.0.01	All	The DHCP server does not answeres untagged requests if the port VLAN id is not the management VLAN or the VLAN of a configured DHCP VLAN pool.	-	Fixed in release 07.0.01.
196	06.0.00	07.0.01	3S	Sending a multicast stream with TTL=1 while IGMP proxy is enabled could cause a reboot of the device.	-	Fixed in release 07.0.01.
197	02.0.00	07.0.01	All	The Security Status element "User account password policy check deactivated" sometimes displays a wrong warning based on the settings of the first user in the user management table.	-	Fixed in release 07.0.01.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
198	00.0.00	07.0.01	All	If a port based DHCP Pool with only one IP address is used for device replacement no IP is offered to the replacement device as long the lease for the replaced device is not timed out.	-	Fixed in release 07.0.01.
199	01.0.00	07.0.01	All	With IGMP snooping enabled Profinet DCP multicasts are treated as unknown multicasts.	-	Fixed in release 07.0.01.
200	01.0.00	07.0.02	All	In certain scenarios when all modules are populated or a lot of link changes occur, the devices might show false connection errors.	-	Fixed in release 07.0.02.
201	01.0.01	07.0.02	All	Automated frequently monitoring of devices using Telnet or SSH might lead to a reboot in certain situations.	-	Fixed in release 07.0.02.
202	06.1.04	07.0.02	All	Changes made in HiOS 06.1.04 interfere with the Industrial HiVision MultiConfig feature when downloading the audit trail of the device.	-	Fixed in release 07.0.02.
203	03.0.00	07.0.02	All	Using "show running-config script" frequently the device loses memory which can lead to a reboot.	-	Fixed in release 07.0.02.
204	01.0.00	07.0.02	GRS1040 MSP40	Creating DiffServ classes from the Command Line Interface might fail on certain devices.	Use the Web Interface to create the DiffServ classes.	Fixed in release 07.0.02.
205	06.0.00	07.2.01	DRAGON	In some cases the firmware update over out-of-band management port fails for TCP connections.	Use TFTP for the firmware update.	Fixed in release 07.2.01.
206	07.2.00	07.2.01	DRAGON	In some scenarios the port where a DOT1x client is authenticated is not assigned to the corresponding VLAN.	-	Fixed in release 07.2.01.
207	07.2.00	07.2.01	DRAGON	The authenticated DOT1x clients do not timeout.	-	Fixed in release 07.2.01.
208	01.1.01	07.0.03	3A 3S	The unicast ARP requests are ignored.	-	Fixed in release 07.0.03.
209	00.0.00	07.0.03	3A 3S	In some scenarios a short network loop may occur if routing is enabled on a port or VLAN.	-	Fixed in release 07.0.03.
210	01.0.00	07.0.03	All	In configurations with multiple SNMP servers the information is not loaded correctly after reboot.	-	Fixed in release 07.0.03.
211	01.0.00	07.0.03	All	HTTPS server supports unsecure ciphers like RC4.	-	Fixed in release 07.0.03. RC4 and TLS1v0 are disabled by default.
212	06.0.02	07.0.03	3A 3S	If a router is disconnected from a redundancy like MRP the recovery time for routed traffic might be exceeded.	-	Fixed in release 07.0.03.
213	01.0.00	07.0.04	All	IEC61850 information report fails to be triggered periodically when setting the trigger option "Integrity" to true.	-	Fixed in release 07.0.04.
214	01.0.00	07.0.04	EES OS2 RED RSP RSPE RSPE	PRP is not padding small VLAN tagged packets to at least 74 bytes.	-	Fixed in release 07.0.04 for RSP, RSPE and OS2.
215	01.0.00	07.0.04	All	In certain scenarios port-security does not detect a violation.	-	Fixed in release 07.0.04.
216	07.2.00	07.2.01	DRAGON	The link state may not be consistent to the cable-crossing settings if the interface speed is set.	-	Fixed in release 07.2.01.
217	07.0.00	07.0.04	2A 3A 3S	With Redundant Coupling Protocol (RCP) and IGMP snooping enabled loops can occur.	-	Fixed in release 07.0.04.
219	01.0.01	07.0.04	All	It is not possible to configure the Differentiated Services Code Point (DSCP) value for voice VLAN. The default value 0 is always used.	-	Fixed in release 07.0.04.
220	02.0.00	07.0.04	GRS1040 MSP40	In an IP/UDP helper setup the DHCP Offer message is incorrectly forwarded to the DHCP client.	-	Fixed in release 07.0.04.
221	01.0.00	07.0.04	GRS1020_1030 GRS1040 MSP30 MSP40 RSPE	If the configured global PoE threshold is reached, no trap notification is send.	-	Fixed in release 07.0.04.
222	07.0.00	07.0.04	OS2 RSP RSPE	The HSR / PRP coupling only forwards traffic for up to 160 devices. In addition, the HSR tagged link local frames are forwarded in the HSR ring.	-	Fixed in release 07.0.04.
223	07.0.00	07.0.04	2A 3A 3S	In certain scenarios MRP ring ports could not be configured using the web based interface.	-	Fixed in release 07.0.04.
224	07.0.00	07.0.04	All	CRC and align errors counter in port-monitor are not incremented when setting a condition/conditions to CRC/fragments.	-	Fixed in release 07.0.04.
225	01.0.01	07.0.04	All	If a permanent entry from the forwarding database table is deleted, the entry will not appear as dynamic as long as the devices is still connected.	-	Fixed in release 07.0.04.
226	01.0.01	07.0.04	2A 3A 3S	The Sub-Ring Manager does not accept any MRP frames tagged with VLAN 0.	-	Fixed in release 07.0.04.
227	05.0.00	07.0.04	2A 3A 3S	If a device is disconnected from a Sub-Ring redundancy, the recovery time for forwarded traffic might be exceeded.	-	Fixed in release 07.0.04.
228	07.3.00		RSPE	A TSN traffic class can be indefinitely blocked. When the time interval of all gate control list entries for this traffic class is shorter than the maximum transmission time defined by the maximum SDU and a larger frame is received.	- Configure maximum SDU according to configured time interval. - If the problem already occurred, stop the current cycle and start it again. - It is advised to always add a GCL entry with a longer time interval for each traffic class.	No fix planned.
230	07.4.00	10.0.00	BRS	Unable to re-enable flow control after being disabled, whilst using TP-SFPs.	Save the desired setting and reboot the device.	To be fixed in future release.
232			All	SSH does not work with compression enabled.		To be fixed in future release.
233	07.4.00	08.5.00	BRS	IP packets sent out by the device do not have the configured DSCP value.	-	Fixed in release 08.5.00.
234	07.2.02		BRS DRAGON	Under some conditions, RCP is not working, depending on the secondary interfaces that were chosen. This only happens if the secondary inner interface is chosen from ports of slot 1, slot 2, slot 3, slot 4 or ports 6/5-6/8 and the secondary outer interface is chosen from ports 5/1-5/32 or 6/1-6/4. Another scenario when this issue is occurring is when secondary inner interface is chosen from ports 5/1-5/32 or 6/1-6/4 and secondary outer is chosen from ports of slot 1, slot 2, slot 3, slot 4 or ports 6/5-6/8.	Both secondary inner and outer interfaces must be chosen from ports out of slot 1, slot 2, slot 3, slot 4, ports 6/5-6/8 or ports out of 5/1-5/32, 6/1-6/4.	No fix planned.
235	07.2.02		DRAGON	In topologies with a lot of redundant links, the RSTP "count to infinity" problem may appear and by changing the root bridge multiple times the device might reboot.	Tune the topology by reducing the Max-Age and increasing the txHoldCount options in order to reduce the "count to infinity" effect.	Reboot fixed in release 07.2.03.



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236	07.2.02	07.2.04	DRAGON	Under some conditions IP traffic is not forwarded between VLAN routing interfaces if static ARPs are used and the target physical interface is unknown by the router (port on which hosts L2 address is present). This only happens if the member ports of the first VLAN routing interface are ports out of 1/1-1/12, 2/1-2/12, 3/1-3/12, 4/1-4/12 or 6/5-6/8, and those from the second VLAN routing interface ports out of 5/1-5/32 or 6/1-6/4.	-	Fixed in release 07.2.04.
237	07.0.00		All	In complex OSPF topologies using a big number of redundant lines the device might reboot multiple times during configuration of static route redistribution.	-	To be fixed in future release.
238	06.0.01	07.0.06	GRS1040 MSP40	If a routing interface IP address conflicts with the out-of-band IP address, the IP address is set anyway and the management address is deleted.	-	Fixed in release 07.0.06.
239	01.0.00	07.0.04	3A 3S	After a cold start with OSPF default route origination enabled, the OSPF default route is not redistributed anymore.	-	Fixed in release 07.0.06.
240	07.0.02	07.0.06	All	Device crashes may occur when an ssh connection is performed with an older ssh client.	-	Fixed in release 07.0.06.
241	07.0.02	07.0.06	All	In some MRP ring topologies loops may occur.	-	Fixed in release 07.0.06.
242	07.0.04	07.0.06	All	Sending malformed packets to the ssh server can lead to a crash.	-	Fixed in release 07.0.06.
243	01.0.01	07.0.06	MSP30	Improperly inserting a module could lock up the device.	-	Fixed in release 07.0.06.
244	03.0.00	07.0.04	3A 3S	When using the L3-Relay to forward broadcasts from one VLAN based router interface to another, reboots can occur.	-	Fixed in release 07.0.06.
245	06.1.03	07.0.06	All	In some link aggregation setups when a port is released due to inactivity the device might not be reachable any more.	-	Fixed in release 07.0.06.
246	07.0.00	07.0.06	All	Web interface issues in dialogs for 802.1X, DHCP-Snooping and RSPAN.	-	Fixed in release 07.0.06.
247	01.0.01	07.0.04	GRS1040 MSP40	When activating a configuration with different VLAN settings than the running configuration, the newly applied VLAN setting can be wrong.	-	Fixed in release 07.0.06.
248	01.0.01	07.0.04	All	Multiple use of "tcpdump -w" command results in the error message: "tcpdump: cannot write capture file".	-	Fixed in release 07.0.06.
249	07.0.06	07.0.06	GRS1040 MSP30 MSP40	Sometimes "configuration not saved" messages are triggered without making any changes to the device configuration.	-	Fixed in release 07.0.06.
250	01.0.01	07.0.06	All	In scenarios with more than one DHCP L2 relay, the reply from the DHCP server is not forwarded correctly.	-	Fixed in release 07.0.06.
251	01.0.01	07.0.06	3A 3S	In a VRRP instance, the backup router answers to ARP requests with its physical interface MAC address if proxy-arp is enabled.	-	Fixed in release 07.0.06.
252	07.5.00	07.5.01	OS3	In certain conditions the device does not correctly detect that ACA22 was removed.	-	Fixed release 08.0.01.
253	07.4.00	07.4.02	BRS	A port could lock up when transmitting certain invalid ip packets.	-	Fixed in release 07.4.02. Packets containing short ipv4 headers or short tcp headers and packets that are too short for their ip headers are now dropped by the switch.
254	07.2.02	07.2.04	DRAGON	The devices connected to the fixed ports of the DRAGON device are not discovered by the HiView application.	-	Fixed in release 07.2.04.
255	07.2.02		DRAGON	A configuration file generated with HiOS versions 07.2.00 or 07.2.01 cannot be loaded with HiOS 07.2.02 or newer.	Generate a CLI script using HiOS 07.2.00 or 07.2.01 and apply it to the device running HiOS 07.2.02 or newer.	No fix planned.
256	07.5.01		MSP40	MSM60 modules with 1G SFPs still signal a link even if the transmitting fiber is broken.	-	To be fixed in future release.
257	01.0.00	07.0.07	RSP RSPS	HSR Supervision frames forwarded into PRP networks now have the PRP TLV type to improve interoperability.	-	Fixed in release 07.0.07.
258	01.0.00	07.0.08	DRAGON GRS1040	In scenarios with a high amount of syslog messages, reboots can occur which can also lead to a "watchdog reset" entry in the event log.	-	Fixed in release 07.0.08 and 07.2.05.
259	06.2.00	07.0.07	GRS1040 MSP40	2.5G fiber links are not established with certain other devices.	-	Fixed in release 07.0.07.
260	06.1.00	07.0.07	All	CLI scripts with dhcp-l2relay parameters could not be applied.	-	Fixed in release 07.0.07.
261	01.0.00	07.0.07	GRS1020_1030 GRS1040 MSP30 MSP40 RSPE	If pluggable modules are changed while the device is powered off, the ports sometimes have no VLANs configured.	-	Fixed in release 07.0.07.
262	07.0.00	07.0.07	OS2	1:1 NAT rules are not applied after reboot or when loading a configuration file.	-	Fixed in release 07.0.07.
263	07.0.06	07.0.07	All	SSH clients using older cyphers could cause a crash of the SSH Server and a reboot of the device.	-	Fixed in release 07.0.07.
264	07.0.00	07.0.07	RSP	IGMP message loops can occur with RCP under certain conditions.	-	Fixed in release 07.0.07.
265	01.0.00	07.0.07	EES EESX GRS1020_1030 RED RSPL RSPS	A high amount of traffic could lead to loops in MRP controlled networks.	-	Fixed in release 07.0.07.
266	01.0.01	07.0.07	All	In some cases, DHCP server doesn't reply to DHCP requests with option 82.	-	Fixed in release 07.0.07.
267	07.0.06	07.0.07	OS2	In some cases, SSH access is not possible after update to HiOS 07.0.06.	Clear the configuration and reapply the saved configuration as CLI script.	Fixed in release 07.0.07.
268	01.0.00	07.0.08	All	Multiple vulnerabilities in our third-party IP stack. See https://www.belden.com/security (BSECV-2019-05) for details.	-	Fixed in releases 07.0.08, 07.2.05 and 07.5.02.
269	04.0.00	07.0.07	3A MSP30	During the internal refresh of the flash, packet forwarding could be interrupted for some time in certain configurations.	-	Fixed in release 07.0.08.
270	04.0.00	07.0.08	MSP40	In some scenarios a DVMRP router might reboot if the connected neighbor is powered down.	-	Fixed in releases 07.0.08, 07.2.05 and 07.5.02.
272	01.0.00	07.0.08	All	SNMPv3 username with special character "." are not allowed.	-	Fixed in release 07.0.08.
273	01.0.00	08.0.00	All	The DHCP server only provides the configured SNTP server using dhcp option 4 but not option 42.	-	Fixed in release 08.0.00.
274	07.4.02	08.0.00	BRS	It is not possible to set the time using the SNTP broadcast option.	-	Fixed in release 08.0.00.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
275	07.4.00	08.0.00	BRS	It is possible that the firmware on the device could deteriorate over time.	-	Fixed in release 08.0.00.
276	07.4.00	08.0.00	BRS	In some cases the device gets unresponsive if an active link aggregation is deleted.	-	Fixed in release 08.0.00.
277	07.4.00	08.0.00	BRS	Enabling SNMP logging for get-requests could cause a reboot of the device.	-	Fixed in release 08.0.00.
278	07.0.08	08.0.00	All	Usernames with space characters are not correctly stored in a script file.	Add quotation marks to the user name in the script file.	Fixed in release 08.0.00.
279	08.0.00		BRS	If the file system is formatted with HiOS 08.0.00 software release or newer, a downgrade to release 07.4.xx is not working.	-	No fix planned.
280	07.0.00	08.0.01	3A	In broadcast traffic conditions, the VRRP IP address is not reachable anymore.	-	Fixed in release 08.0.01.
281	00.0.00	08.0.01	GRS1040 MSP30 MSP40 OS2 OS3 RDD RSP RSPE	The fix for the vulnerabilities in third-party IP stack (issue ID 268) could in some cases lead to a deadlock.	-	Fixed in release 08.0.01.
282	07.0.08	08.0.01	All	DLR ring fault counter cannot be reset to 0.	-	Fixed in release 07.1.00 and 08.0.01.
283	07.2.00	08.0.01	DRAGON	Long ICMP response times can occur.	-	Fixed in release 08.0.01.
284	01.0.00	08.0.01	All	ACL configuration saved as CLI script cannot be applied since the "proto" parameter is missing.	-	Fixed in release 08.0.01 and 07.1.04.
285	07.2.00	08.0.01	DRAGON	Configuring multiple routing VLANs and specific LLDP timers can cause high CPU load on the device.	-	Fixed in release 08.0.01.
286	07.4.00	08.0.01	BRS	HiDiscovery v2 packets are discarded if IGMP-Snooping is enabled on the device.	-	Fixed in release 08.0.01.
287	07.2.02	08.0.01	DRAGON	In some scenarios involving a multi-client DOT1X configuration, the port state is set to forward by the first authenticated client on that port, allowing unauthenticated traffic to flow through the device.	-	Fixed in release 08.0.01.
288	07.4.00	08.0.01	BRS	Setting the system clock to a time in past can cause SNMPv3 communication to stop.	-	Fixed in release 08.0.01.
289	07.5.01	08.0.01	MSP40	If an MSM60 module with an active 1 Gigabit link is removed, the device is rebooted.	-	Fixed in release 08.0.01.
290	07.2.03	08.0.01	DRAGON	Communication issues can occur in topologies where the DRAGON device is connected to different vendor devices on 1G copper ports.	Connect the devices using the fiber ports.	Fixed in release 08.0.01.
291		08.0.01	RSPE	Ports on module 3 are not shown on the RSTP port page in the web based interface, if HSR is enabled.	-	Fixed in release 08.0.01.
292	07.4.00	08.0.01	BRS	HiDiscovery does not detect devices if they are connected on a tagged interface.	-	Fixed in release 08.0.01.
293	01.0.00	08.0.01	GRS1040	Sometimes the OOB port does not answer ARP requests after several reboots of the device.	-	Fixed in release 08.0.01.
294	07.4.00	08.0.01	BRS	Inconsistent display of the system temperature after a reboot.	-	Fixed in release 08.0.01.
295	01.0.00	08.0.01	All	If STP is switched off, port-monitor auto-disable feature does not work for port-based routing interfaces.	-	Fixed in release 08.0.01 and 07.1.01.
296	04.0.00	08.0.01	All	Devices with an up time of more than 248 days and port monitor speed/duplex detection enabled, will freeze and reboot the next time a link is connected or disconnected.	-	Fixed in release 08.0.01 and 07.1.01.
297	07.0.00	08.0.01	3A 3S All	HiDiscovery relay feature is not forwarding packets.	-	Fixed in release 07.1.00 and 08.0.01.
298	07.0.00	08.0.01	All	While displaying large ARP tables in the web interface, a timeout error message can occur.	Display the ARP table using the CLI.	Fixed in release 08.0.01.
299	07.2.05	08.0.01	DRAGON	CPU utilization sometimes displays negative integer values.	-	Fixed in release 08.0.01.
300	07.4.00	08.0.01	BRS	When MRP is configured on VLAN 1, long recovery may occur.	Configure MRP on VLAN 0 (untagged).	Fixed in release 08.0.01.
301	07.4.00	08.0.01	BRS	Changing the management priority has no effect.	-	Fixed in release 08.0.01.
302		08.0.01	All	Connectivity issues can occur due to incorrect prioritization of management traffic.	-	Fixed in release 08.0.01.
303	07.2.04	08.0.01	All DRAGON	The TCP connection can get interrupted while downloading support info or the running-config through the web interface.	-	Fixed in release 08.0.01.
304	01.0.00	08.1.00	BRS DRAGON EES EESX GRS1020_1030 GRS1040 MSP40 OS3 RED RSPL RSPS	In rare cases, an error in the IP stack of the device can occur which will lead to a reboot of the device. In some cases, this can also lead to a "watchdog reset" entry in the event log.	-	Fixed in release 07.1.00 and 08.1.00.
305	01.0.00	08.1.00	DRAGON	The IP connectivity can be lost when injecting high amount of broadcast traffic on the DRAGON MACH4500-80G+8X ports 5/1-5/32 and 6/1-6/4.	-	Fixed in release 08.1.00.
306	07.0.00	08.1.00	3A 3S	It is not possible to create a VLAN based router interface using the web interface if a link-aggregation is configured.	-	Fixed in release 08.1.00.
307	07.0.00	08.1.00	All	The online help in the web interface tells multiple formats how a MAC address can be specified. But only the format with colons as separators is supported, for example 00:11:22:33:44:55.	Use colons as separators when entering a MAC address.	Fixed in manuals for release 08.1.00.
308	05.0.00	08.1.00	All	A malformed EtherNet/IP packet can cause a reboot of the device.	-	Fixed in release 08.1.00 and 07.1.01.
309	08.0.00	08.1.00	BRS	Windows USB-C drivers need to be reinstalled for every new device connected.	-	Fixed in release 08.1.00.
310	07.4.00	08.1.00	BRS	After swapping the firmware with the backup firmware, clearing the configuration is not possible until the device is rebooted.	-	Fixed in release 08.1.00.
311	08.0.00	08.1.00	All	Vulnerability within tcpdump ICMP parser component (CVE-2018-14462). Devices are only affected if tcpdump is currently used on the device.	-	Fixed in release 08.1.00.
312	07.3.00	08.1.00	OS2 RSPE	When 802.1Qbv (TSN) is activated, time synchronization using PTP or 802.1AS does not work reliably on interface 1/3.	-	Fixed in release 08.1.00.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
313	07.0.00	08.1.00	DRAGON GRS1040 MSP30 MSP40 RSPE	If on a pluggable module an SFP is swapped with an SFP of a different speed, a link might not be established.	Reboot the device after new SFP was inserted.	Fixed in release 08.1.00.
314	07.2.00	07.5.01	All	Auto-negotiation settings for FX ports are not restored after reboot.	-	Fixed in release 07.5.01 and 08.0.01.
315	04.1.00	07.0.09	GRS1020_1030	The SNMP MIB hm2ModuleFirstIfIndex returns 0 instead of 1.	-	Fixed in release 07.1.00.
316	01.0.00	07.0.09	GRS1020_1030 RSPL	If the device receives a high amount of packets from different source MAC addresses in a short time, some of the addresses might not be removed again from the forwarding database.	-	Fixed in release 07.1.00.
317	01.0.00	07.0.09	All	Setting the PTP UTC offset to a negative value may cause the device to restart.	-	Fixed in release 07.1.00 and 08.0.00.
318	05.0.00	07.0.09	RED RSPS	After boot up of the device with an configured DLR ring, the DLR active supervisor IP address is displayed as "192.168.1.1".	-	Fixed in release 07.1.00.
319	01.0.00	07.0.09	EES RSPL RSPS	If you download the device configuration as script using the web based interface, this will lead to memory loss. If this is done very frequently the device will be out of memory and perform a reboot.	-	Fixed in release 07.1.00.
320	01.0.00	07.0.09	GRS1020_1030 RSPL	If you configure the Class of Service Trust mode to Untrusted, the device is restarted in a loop.	-	Fixed in release 07.1.00.
321	08.0.01	08.3.00	All	PTPv2 (IEEE1588) with network protocol set to UDP is not working due to wrong calculation of UDP/IP checksum.	-	Fixed in release 08.1.02, 08.3.00, 08.4.01.
322	07.4.00	08.3.00	BRS	It is not possible to configure the management IP address to a subnet overlapping the out-of-band IP address, even if the out-of-band interface is disabled.	Change the IP of the out-of-band interface.	Fixed in release 08.3.00.
323	03.0.00	08.3.00	All	The CLI script generated by the device contained several errors.	-	Fixed in release 08.4.00, 08.4.01 and 07.1.01.
324	08.3.00	08.4.00	BRS	Mirrored packets from TX direction will have additional 6 bytes at the beginning of the packet as soon as PTP or 802.1AS is enabled.	-	No fix planned.
325	08.0.01		MSP30	After update to HiOS 08.x.x the USB compatibility mode setting is lost.	Manually set the USB compatibility mode again.	No fix planned.
326	07.0.02	08.3.00	All	In some cases the DHCP server stopped providing IP addresses to DHCP clients.	-	Fixed in release 08.1.02, 08.3.00 and 08.4.01.
327	06.0.01	08.1.03	DRAGON GRS1040 MSP40 OS3	In some setups a reboot occurred after the device was running for about 31.2 days. After the reboot the log displays an entry with "Reset cause status: Watchdog reset occurred".	-	Fixed in release 08.4.01 and 08.1.03.
328	00.0.00	08.1.02	3A 3S	In some scenarios VRRP recovery times are longer than expected.	-	Fixed in release 08.1.02 and 08.4.01.
329	01.0.01	08.1.01		In some topologies with cascaded subrings long recovery times can occur. In case of a link or device failure not all FDBs are flushed.	-	Fixed in release 08.1.02 and 08.3.00.
330	06.1.02	08.3.00	RSP	Sometimes an error message is displayed when saving the configuration, although the configuration is saved correctly.	-	Fixed in release 08.3.00 and 07.1.01.
331	01.0.00	08.4.00	All	IEC61850: LPHD.PhyHealth.stVal always reports the value warning(2).	-	Fixed in release 08.4.01 and 07.1.01.
332	07.0.04	08.3.00	OS2 RSP RSPE	By forging a specific packet, an attacker that is placed on one of the two redundant links of an HSR network can cause a denial of service on the other link (CVE-2020-9307).	-	Fixed in release 08.4.01 and 07.1.01.
333	01.0.00	07.1.01	All	Sporadically the device status or signal contact wrongly reports a temperature warning.	-	Fixed in release 07.1.01, 07.1.04 and 08.4.01.
334	01.1.00	08.3.00	OS2 RSP RSPE	PRP supervision frames are always sent in VLAN 1 even though the corresponding MAC address was learned in another VLAN.	-	Fixed in release 07.1.01 and 08.4.01.
335	07.0.00	08.3.00	GRS1040	Sporadically some interfaces wrongly report an interface utilization of 100%.	-	Fixed in release 08.4.01 and 07.1.03.
336	02.0.03	07.1.01	GRS103	MRP ring manager could create a loop when IGMP Snooping is enabled and many PIM assert packets are received.	-	Fixed in release 07.1.01 and 09.1.00.
337	03.0.00	08.3.00	All	IEC61850: Buffer overflow field not included in reports when requested.	-	Fixed in release 08.3.00 and 07.1.01.
338	08.3.00	08.4.01	All	The web based interface is missing the option to monitor "Ring redundancy" for device status or signal contacts.	-	Fixed in release 08.4.01.
339	07.0.00	08.3.00	All	When enabling SNMP traps, a burst of old buffered traps is sent.	-	Fixed in release 08.4.01.
340	07.2.05	08.3.00	3A All	In some IGMP multicast routing scenarios, the local multicast address 224.0.1.x range is erroneously learned causing high CPU load and reachability issues.	-	Fixed in release 08.4.01.
341	03.0.00	08.3.00	All	Copying the running-config script to remote via the web interface creates a cli script with option "all".	-	Fixed in release 08.4.01.
342	08.1.00	08.4.00	All	If a configured LDAP server is not reachable, login attempts with a local user are not possible.	-	Fixed in release 08.4.01.
343	02.0.00	08.3.00	2A BRS OS2	Device reboots may occur if multiple DNS servers with the same IP address are created and activated from the web interface.	-	Fixed in release 08.3.00.
344	07.0.02	08.4.00	DRAGON	In some network setups including DRAGON808 ports 5/1-5/32 and 6/1-6/4 the MAC address of the connected end device is not displayed in the MAC address table after a period of time.	-	Fixed in release 08.4.01.
345	07.0.08	08.4.00	All	In an LDAP configuration with multiple redundant servers, SSH and web interface login fails if the first server is not responding.	-	Fixed in release 08.4.01.
346	08.0.01	08.4.01	RSP RSPE	Device with PRP configuration does not boot properly after updating from HiOS 07.x to HiOS 08.1.	-	Fixed in release 08.4.01.
347	08.3.00	08.4.00	BRS	In some cases the device will reboot if a DHCP offer with Option 42 (NTP Server) is received.	-	Fixed in release 08.4.01.
348	01.0.00	08.4.01	All	After device startup, SNTP synchronizes only after the configured request interval expired once.	-	Fixed in release 08.4.01.
349	01.0.00	08.4.01	DRAGON GRS1040 MSP40 OS3	A configured management priority has no effect on routing interfaces.	-	Fixed in release 08.4.01.
350	03.0.00	08.4.00	All	Only 22 out of 64 possible DSCP values can be used with DiffServ policies.	-	Fixed in release 08.4.01.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
351	08.0.00	08.1.01	OS2 RSP RSPE	The "Snooping Enhancements" dialog in the web-based interface is not available any more.	-	Fixed in release 08.4.01.
352	01.0.00	08.4.01	All	Executing the "port-monitor condition speed-duplex speed" command for a port with active link leads to an error state, even if the port has the configured speed.	Use the web-based interface for configuration.	Fixed in release 08.4.01.
353	08.0.01	08.4.01	DRAGON GRS1040 MSP30 MSP40 OS2 OS3 RSP RSPE	Packets with EAPoL destination address and LLDP ether type can cause network loops.	-	Fixed in release 08.4.01.
354	07.0.00	08.4.00	RSP RSPE	Disabling and enabling HSR results in loss of the VLAN settings on the HSR interface.	-	Fixed in release 08.4.01.
355	01.0.00	07.1.02	GRS1020_1030	In some scenarios, management access is very slow.	-	Fixed in release 07.1.02.
356	02.0.02	07.1.02	All	The report ID from the ICD file is always 0.	-	Fixed in release 07.1.02 and 8.6.00.
357	03.0.00	08.3.00	All	Default authentication lists with modified policies are not included in show running-config script output.	-	Fixed in release 08.3.00 and 07.1.02.
358	07.4.00	08.5.00	BRS	Under certain conditions the MRP Ring Manager fills the log with reports "MRP frames received only at one ring port".	-	Fixed in release 08.5.00.
359	08.2.00	08.5.00	BRS	A storm of RRK packets sporadically leads to a reboot.	-	Fixed in release 08.5.00.
360	07.4.00	08.5.00	BRS	The USB-C management cannot be installed with Windows 10 Build 2004 or later.	-	Fixed in release 08.5.00.
361	07.4.00	08.5.00	BRS	Some egress limiter settings are not respected.	-	Fixed in release 08.5.00.
362	08.0.01	08.6.00	DRAGON GRS1040 MSP30 MSP40 OS2 OS3 RSP RSPE	Specific packets can cause a loop in the MRP and subring.	-	Fixed in release 08.6.00.
363	08.3.00	08.6.00	All	After a reboot Port security blocks traffic from the configured MAC address.	-	Fixed in release 08.6.00.
364	08.1.03	08.6.00	DRAGON	Specific events can cause instability of MRP ring.	-	Fixed in release 08.6.00.
365	08.0.00	08.6.00	DRAGON GRS1040 MSP30 MSP40 OS2 OS3 RDD RSP RSPE	It is not possible to configure a subnet based VLAN for subnet 192.168.64.0-255.255.224.0.	-	Fixed in release 08.6.00.
366	08.1.00	08.6.00		Improved traffic rate for subnet directed broadcast.	-	Fixed in release 08.6.00.
367	08.4.00	08.6.00		PRP is not configurable with WEB-Interface	-	Fixed in release 08.6.00.
368	08.1.00	08.6.00	All	security improvements	-	Fixed in release 08.6.00 and 07.1.03.
369	01.0.00	08.6.00	MSP30 RSPE	Web interface shows error messages when importing XML configuration file.	-	Fixed in release 08.6.00.
370	01.0.00	08.6.00	DRAGON GRS1040 MSP40	In rare cases and very specific setups the watchdog reset can occur.	-	Fixed in release 08.6.00.
371	03.0.00	08.6.00		MRP ring can get unstable after link down of first LAG port.	-	Fixed in release 08.6.00.
372	08.4.01	08.6.00		RSP-2A device falls back to software level 2S after update	-	Fixed in release 08.6.00.
373		08.6.00	All	DHCP request with empty options field is not processed.	-	Fixed in release 08.6.00.
374	07.0.00	08.5.00	MSP30	Port name is displayed incorrectly in web interface.	-	Fixed in release 08.6.00.
375	01.0.00	08.5.00	RSP RSPE	Static route with preference 2 is not saved permanent.	-	Fixed in release 08.6.00.
376	08.5.00	08.6.01		Security improvements.	-	Fixed in release 08.6.01.
377	08.0.00	08.6.01	RSP	Not all ports are displayed in RSTP Port table if PRP is enabled.	-	Fixed in release 08.6.01.
378	07.0.08	09.4.00	BRS	LAG settings are lost when "Undo configuration modifications" occurs.	-	Fixed in release 08.0.01 and 07.1.04 and 09.4.00.
379	08.0.00	08.6.01	BRS	Several DHCP issues.	-	Fixed in release 08.6.01.
380	08.5.00	08.6.01	All	Restricted Management Access cannot be configured in CLI	-	Fixed in release 08.6.01.
381	01.0.00	08.6.01	GRS1040	Flow control cannot be disabled at port with TP-SFP	-	Fixed in release 08.6.01.
382	06.0.00	08.6.01	All	Cascaded RCP topology gets unstable in failure condition.	-	Fixed in release 08.6.01.
383	07.0.00	08.6.01		PTP does not synchronize under specific configuration.	-	Fixed in release 08.6.01.
384	08.4.00	08.6.01		RSTP BPDUs are sporadically processed with wrong priority.	-	Fixed in release 08.6.01.
385	01.0.00	08.6.02	GRS1040	In some scenarios the temperature is not displayed in the web interface.	-	Fixed in release 08.6.02.
386	02.0.00	08.7.00	2A 3A 3S	GUI for time based ACL improved	-	Fixed in release 08.7.00.
387	08.6.00	08.7.00	3S OS2 RSP RSPE	1:1 NAT cannot be configured in webif	-	Fixed in release 08.7.00.
388	08.6.00	08.7.00	BRS	BRS: 2.5G SFP doesn't show speed in GUI	-	Fixed in release 08.7.00.
389	08.3.00	08.7.00		DNS: A DNS client doesn't contact the next active DNS server if an inactive DNS server is in between.	-	Fixed in release 08.7.00.
390	04.0.00	08.7.00	DRAGON GRS1040 MSP30 MSP40 OS3	PIM-SM improvements	-	Fixed in release 08.7.00.
391	08.6.00	08.7.00	BRS	MRP: sporadically BRS port number shown as (unknown) in CLI	-	Fixed in release 08.7.00.
392	01.0.00	08.7.00	GRS1020_1030	lldp tlv ptp can be enabled/disabled in CLI on devices which do not support PTP.	-	Fixed in release 08.7.00 and 07.1.04.
393	08.1.00	08.7.00	All	Sporadically ARP entries for static routes get lost	-	Fixed in release 08.7.00.
394	08.0.01	08.7.00		Routing interface IP 192.168.1.x/24 gets erased after an upgrade	-	Fixed in release 08.7.00.



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395	07.2.00	08.7.00	GRS1040	Temperature is sporadically not displayed in Webif	-	Fixed in release 08.7.00.
396	01.0.00	07.1.04		Sporadically temperature value shown incorrectly (128 °C).	-	Fixed in release 07.1.04.
397	07.1.00	07.1.04		EES shows PTP clock as synchronized even if GM clock is switched off.	-	Fixed in release 07.1.04.
398	06.0.00	08.6.01		Ring/Network coupling and Redundant-Coupling (RCP) are not working properly if enabled on the same device.	-	Fixed in release 08.6.01.
399	01.0.00	07.1.04	GRS1020_1030	Frequent PS OK events even if nothing has changed.	-	Fixed in release 07.1.04.
400	08.1.03	08.7.01	GRS1040	PoE in Firmware 08.x does not work on all ports at GMM42.	-	Fixed in release 08.7.01
401	08.1.00	08.7.01		Interface ranges in CLI, result in values not expected.	-	Fixed in release 08.7.01
402	06.0.00	08.7.01	RSP	Counter for oversized packets counts non-oversized packets on VLAN-tagged interfaces.	-	Fixed in release 07.1.08 and 08.7.01.
403	08.6.00	08.7.01	All	Hiper Ring with LAG stops working as soon as IGMP with option "Unknown Multicast Send to Query ports" is activated.	-	Fixed in release 08.7.01
404	8.6.01	08.7.01	All	IP source and destination addresses of ACLs are not contained in show running config script.	-	Fixed in release 08.7.01
405	08.6.00	08.7.02		In rare cases and very specific setups with MRP and PTP configured, a watchdog reset can occur.	-	Fixed in release 08.7.02
406	BRS 07.4.00	08.7.02	BRS	1Gbit 4TX uplink ports sometimes do not detect links after reboot	-	Fixed in release 08.7.02
407	07.4.00	08.7.02	BRS	Port security on BRS does not block ports for statically configured addresses.	-	Fixed in release 08.7.02
408	05.0.00	08.4.00	All	Denial of service vulnerability in Profinet software stack.	Disable Profinet support.	Fixed in release 08.4.00.
409	08.1.00	08.7.04	All	Loading a script with a changed password when booting, requires a password change when logging in for the first time.	-	Fixed in release 08.7.04 and 07.1.11.
410	07.1.00	08.7.03	RSP RSPL	Saved script files of HiOS 07.1.01 are loaded with errors in webif.	-	Fixed in release 08.7.03.
411	Legacy	08.7.03	BRS GRS1020_1030 MSP40 RSPE	Device executes automatic firmware update though the function "Software autoupdate" is disabled.	-	Fixed in release 08.7.03.
412	08.1.00	08.7.03		Wrong and inconsistent VLAN membership information is provided LLDP.	-	Fixed in release 08.7.03.
413	01.0.00	08.7.03	All	After a reboot the switch does not forward PROFINET DCP if IGMP snooping is enabled.	-	Fixed in release 08.7.03.
414	08.6.00	08.7.03		MRP configuration not displayed anymore when SFP is removed.	-	Fixed in release 08.7.03.
415	02.0.00	07.5.00	OS2	GSDML files for OS-30 and OS-34 devices with two uplinks are incorrect.	-	Fixed in release 08.7.03.
416	06.0.00	08.7.03		In some very specific cases HSR discards frames.	-	Fixed in release 08.7.03 and 07.1.05.
417	Legacy	08.7.03		Security improvements.	-	Fixed in release 08.7.03.
418	08.3.00	08.7.03	BRS	BRS has to be rebooted to resolve blocking STP state in some cases	-	Fixed in release 08.7.03.
419	07.1.00	08.7.03	All	Pre-login banner is not shown if a client connects with SSH.	-	Fixed in release 08.7.03.
420	08.0.00	08.7.03	DRAGON	Routing issues after restart in big multicast routing topologies.	-	Fixed in release 09.0.07.
421	01.0.00	08.7.03	All	L2 DHCP relay with option82 does not allow cascaded relays if switch is also DHCP client.	-	Fixed in release 08.7.03 and 09.0.01.
422	07.1.00	08.7.03	DRAGON	Reboot due to heap memory corruption with specific configuration.	-	Fixed in release 08.7.03.
423	08.6.00	08.7.03	DRAGON GRS1040 MSP40	Sporadic unexpected reboot event.	-	Fixed in release 08.7.03.
424	07.2.02	08.7.03	DRAGON	Configuration lost after upgrading to v08.6.01	-	Fixed in release 08.7.03.
425	07.0.00	08.7.03	All	IGMPv3 membership reports with multiple group records are ignored.	-	Fixed in release 08.7.03.
426	08.6.00	08.7.03	All	As soon as MSTP is globally enabled in combination with MRP and subring the error message "concurrent redundancy" is displayed in the subring menu.	-	Fixed in release 08.7.03.
427	06.1.02	08.7.03		High CPU load in RCP environment with IGMP snooping enabled	-	Fixed in release 08.7.03.
428	07.0.00	07.1.05	GRS1020_1030	Learning bit is lost on some ports.	-	Fixed in release 07.1.05.
429	07.1.01	07.1.05	RSP RSPL	Errors in web interface occurring when a saved script file from version 07.1.01 is loaded.	-	Fixed in release 07.1.05.
430	01.0.00	07.1.05		GRS1030 opens blocked MRP port when receiving too many broadcasts.	-	Fixed in release 07.1.05.
431	07.1.00	07.1.05	RSPS	Switch is not forwarding PROFINET DCP packets with an IGMPsnooping config after reboot.	-	Fixed in release 07.1.05.
432	08.3.00	09.0.00	BRS	BRS has to be rebooted to resolve blocking STP state in some cases	-	Fixed in release 08.7.03.
433	08.6.00	08.7.04	All	Device can freeze after a reboot, when having port-security mac-address configured for non existing vlan's	Do not configure port-security with not existing vlan's.	Fixed in release 08.7.04.
434	08.9.00		BXP GRS105_106	Data traffic is not forwarded when forced cable crossing settings are used (100M forced speed on 2.5TX ports).	Use the auto mode for cable crossing settings.	Fix planned in future release.
435	08.9.00	09.0.00	GRS105_106	In some scenarios ACL flow based limiting counters are not reliable.	-	Fixed in release 09.0.00.
436	08.1.00	09.0.03	OS2	Disabling PoE on selected ports doesn't disable PoE negotiation completely.	-	Fixed in release 08.7.04, in 09.0.03 also fixed during boot.
437	08.7.03	08.7.04	BRS DRAGON GRS1040 MSP30 MSP40 RDD RSP RSPE	As soon as a SFP plugged or unplugged on a device running 08.7.03, the management might get inaccessible.	Reboot the device.	Fixed in release 08.7.04.
438	08.3.00	08.7.04	DRAGON GRS1040 MSP30 MSP40 OS2 OS3 RDD RSP RSPE	Show running config output does not show source and destination addresses of DiffServ class map.	-	Fixed in release 08.7.04.
439	08.7.02	09.0.00	GRS1040 MSP30	Device reboots if storm control rate limit is set to 1pps.	-	Fixed in release 09.0.00.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
440	09.0.00	09.0.00	DRAGON	Improved Dragon CPU utilization.	-	Fixed in release 09.0.00.
441	01.0.00	09.0.00	RSPE	Negative PDelay values on Copper SFPs when using PTP.	-	Fixed in release 09.0.00.
442	08.7.00	09.0.00	BRS	ACA not detected after reboot in v08.7.02.	-	Fixed in release 09.0.00.
443	05.0.00	09.0.00		DHCP server does not offer IP address if received discover contains padding != 0x00.	-	Fixed in release 09.0.00.
444	08.7.00	09.0.00	BRS	Switching from 2-slot to 3-slot template or vice versa requires toggling TSN to apply Gate Control List changes.	-	Fixed in release 09.0.00.
445	08.7.01	09.0.00		Portsecurity shows large number of MAC addresses and ports get blocked permanently.	-	Fixed in release 09.0.00.
446	08.7.02	09.0.00		Inconsistent handling of "protocol" in "show running config" for ACL rules.	-	Fixed in release 09.0.00.
447	06.1.02	08.7.03	DRAGON	Dragon MACH learns MAC-addresses on wrong port in rare cases.	-	Fixed in release 09.0.00.
448	08.2.00	08.7.00	BRS	Security improvements.	-	Fixed in release 08.7.00.
449	08.6.00	09.0.00		BRS uses UTC as a time base instead of TAI when using 802.1AS.	-	Fixed in release 09.0.00.
450		09.0.00	GRS1040 MSP40 OS3	Multicast routing devices might reboot when doing a multicast boundary config.	-	Fixed in release 09.0.00.
451	01.0.00	09.0.00		SNTP server do not have a configurable interface.	-	Fixed in release 09.0.00.
452	07.2.00	09.0.00	DRAGON	PTP is not supported on base unit of the big Dragon 808.	-	Fixed in release 09.0.00.
453	01.0.00	09.0.01	RSP	Lower prioritized BoundaryClock sends PTP announce and sync frames to HSR ring when ring is opened.	-	Fixed in release 09.0.01
454	01.0.00	09.0.01	RSP	PTP peer delay messages sent without HSR tag.	-	Fixed in release 09.0.01
455	09.0.00	09.0.01	All	Depending on the configuration some web interface dialogs are showing up very slow. For specific dialogs with a lot of displayed information the loading can still take up to 30 seconds.	-	Fixed in release 09.0.01 and further improved in 09.1.00 and 09.0.04.
456			GRS1040	Loop after inserting SFP with fiber plugged in a disabled port.	-	Fixed in release 08.7.03.
457	08.5.00	09.0.01	BRS OS8TX	ACLs may not work correctly after the system is rebooted with saved configuration.	Do not bind multiple lists to a port. Use separate lists for each type of port instead.	Fixed in release 09.0.01
458	08.1.00	09.0.01		ACA31 not recognised when plugged in.	-	Fixed in release 09.0.01
459			BRS	BRS reboots in seldom cases in a Profinet environment.	-	Fixed in release 09.0.02.
460	07.5.00 (since OS3)	09.0.02	OS3	PoE devices sporadically fail after a few hours of operation.	-	Fixed in release 09.0.02.
461	08.7.00	09.0.02	All	DHCP Server does not offer option 4 and 42 if SNTP server is not reachable.	-	Fixed in release 09.0.02.
462	08.7.01	09.0.02	BRS	BRS Layer 2 DHCP Relay forwards original requests in some scenarios.	-	Fixed in release 09.0.02.
463	08.7.02	09.0.02	GRS1040	Ring Coupling Partner information was not correctly displayed.	-	Fixed in release 09.0.02.
464	08.3.00	09.0.02	BRS	BRS is getting port stalls in combination of PTP, TSN and MRP.	-	Fixed in release 09.0.02.
465	01.0.00	09.1.00	All	SSL vulnerability CVE-2022-0778.	-	Fixed in release 09.1.00.
466	08.0.00	09.0.02		GRS1040 rebooted due to task suspended.	-	Fixed in release 09.0.02.
467	08.7.02	09.0.02	RSP	Gateway address cannot be set in webif.	-	Fixed in release 09.0.02.
468	08.7.02	09.0.02	BRS	PTP is displayed as "not in sync" as soon as VLAN is not set to none.	-	Fixed in release 09.0.02.
469	first giga PRP release	09.0.03/07.1.06	OS2 RED RSP RSPE	In some HSR-PRP scenarios duplicate traffic packets can be detected.	-	Fixed in releases 07.1.06 and 09.0.03.
470	03.0.00	07.1.06	EESX GRS1020_1030 GRS103 RSPL	In SNTP broadcast traffic conditions, the MRP ring manager can open one blocked port.	-	Fixed in release 07.1.06 and 09.1.00.
471	08.7.00			DHCP Server does not offer option 4 and 42 if SNTP server is not reachable.	-	Fixed in release 09.0.02.
472	07.0.00	07.1.06	GRS1020_1030	Learning bit is lost on some ports if port state is changed or learning moves to another port because of movement of source to a different location.	-	Fixed in release 07.1.06.
473	06.1.04	07.0.02	All	RSTP packets with port ID 0 are ignored by the switch.	-	Fixed in release 07.0.02.
474	09.0.00	09.0.03		SNTP broadcast VLAN cannot be configured from the web interface.	-	Fixed in release 09.0.03.
475	09.0.00	09.0.03	BRS	The GSDML file for BRS is not supported in TIA Portal v17.	-	Fixed in release 09.0.03.
476	07.6.00	09.0.03	3S OS2 RSPE	On some devices, Ethernet/IP connections are handled only on the management interface.	-	Fixed in release 09.0.03.
477	first giga PRP release	09.0.03		In some PRP networks, duplicate frames would not be discarded.	-	Fixed in release 09.0.03.
478	09.0.00	09.0.03	MSP40	Routing interfaces cannot be deleted from the web interface.	-	Fixed in release 09.0.03.
479	09.0.00	09.0.03		Resetting the statistics in the Auto-Disable page from the web interface freezes the connection until a timeout occurs.	-	Fixed in release 09.0.03.
480	07.0.00	09.0.03	MSP30	MRP ports disabled by the port monitor do not recover.	-	Fixed in release 09.0.03.
481	08.6.01	09.0.03		Packets get duplicated in a network with RSTP over HSR.	-	Fixed in release 09.0.03.
482	09.0.00	09.4.00	All	Unusual memory consumption may be encountered while operating large table dialogues via the device web interface.	Restart web interface browser session.	Fixed in release 09.4.00.
483	01.0.00	09.1.00	All	Multiple vulnerabilities in libexpat.	-	Fixed in release 09.1.00.
484	09.1.00	09.1.00	All	The configured non-default IEC61850 TCP port value does not appear in running-config script.	-	Fixed in release 07.1.08 and 09.1.00.
485	09.1.00	09.2.00	OS2 RSPE	In some rare scenarios, DLR recovery times are higher than expected and up to 20ms.	-	Fix planned in future release.
486	08.1.00	09.1.00	OS2	In some HSR/PRP scenarios after saving the configuration and resetting the device, this may reboot continuously.	-	Fixed in release 09.1.00.
487	08.7.02	09.1.00	All	An existing custom MAC ACL ethertype rule cannot be reset to default value.	-	Fixed in release 09.1.00 and 09.0.04.
488	08.7.02	09.1.00	All	No SNMP trap is sent in the case of an address conflict detection.	-	Fixed in release 09.1.00.
489	08.7.00	09.1.00	All	Using a non-default SNMP port configuration could cause a reboot of the device.	-	Fixed in release 09.1.00.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
490	07.0.08	09.1.00	All	When rebooting the master of a redundant ring coupling setup the recovery times are longer than expected.	-	Fixed in release 09.1.00.
491	08.0.00	09.1.00	BRS	A high amount of traffic could lead to a reboot of the BRS device.	-	Fixed in release 09.1.00.
492	08.6.01	09.1.00	All	DHCP server pool cannot be activated if Remote ID and Circuit ID are both present in the configuration.	-	Fixed in release 09.1.00 and 09.0.04.
493	09.0.00	09.1.00		In some scenarios the SNTP client cannot be enabled anymore.	-	Fixed in release 09.1.00.
494		09.1.00	All	PROFINET GSDML file does not reflect the correct MAU type of the plugged SFP module.	-	Fixed in release 09.1.00.
495	07.4.00	09.1.00	BRS	DOT1x VLAN assignment is not working.	-	Fixed in release 09.1.00.
496	07.4.00	09.1.00	All	Multiple vulnerabilities in BusyBox.	-	Fixed in release 09.1.00.
497	09.1.00		BRS GRS103	In rare scenarios, the ethernet connection over USB-C is not reliable.	Reconnect the USB-C cable.	No fix planned.
498	09.0.00	09.1.00	All	A DHCP client may load the configuration from a TFTP server even if the DHCP config-load functionality is disabled.	-	Fixed in release 09.1.00.
499	00.0.00	09.1.00	All	Excluding all ports from the management VLAN will cause the device to not respond anymore.	-	Fixed in release 09.1.00.
500	09.0.00	09.1.00	All	The configuration of a DHCP server pool with infinite lease time entries is not possible via the web interface.	-	Fixed in release 09.1.00 and 09.0.04.
502			GRS103	When manually shutting down a port of the module M1-8MM-SC or M1-8SM-SC the partner port still shows a link.	-	No fix planned
503	09.1.00	09.2.00	GRS103	After manually shutting down a port of the module M1-8MM-SC or M1-8SM-SC. The port link LED start blinking after the configuration was saved and the device was rebooted.	-	Fixed in release 09.2.00.
504	09.0.03	09.0.04	All	When the power limit configured is exceeded, the port will be switched off completely and never switched on again.	-	Fixed in release 09.0.04.
505	01.0.00	09.0.04	DRAGON	After a long period of operation, it can happen that both VRRP candidates become backup.	-	Fixed in release 09.0.04.
506	09.0.00	09.0.04	RSPE	Incorrect display of TSN Gates in GUI.	-	Fixed in releases 09.0.04 and 09.2.00.
507	08.7.02	09.0.04	All	Specific scenario is leading to a precedence of SNTP over PTP.	-	Fixed in release 07.1.08, 09.0.04 and 09.2.00.
508	09.0.00	09.0.04	All	Web interface improvement: Save config option via floppy disc icon is hidden behind information text.	-	Fixed in release 09.0.04.
509	09.0.00	09.0.04	GRS1040	Not properly closed SSH connections can lead to a reboot in some specific circumstances (osapitimer_task suspended).	-	Fixed in release 09.0.04.
510	08.6.00	09.0.04		Filesystem may get corrupted after many power down / power up cycles.	-	Fixed in release 09.0.04.
511	08.7.02	09.0.04		Unable to disassociate the WebInterface from the defaultLoginAuthList in CLI.	-	Fixed in release 09.0.04.
512	08.6.00	09.0.05	BRS BXS GRS1040 GRS105_106 MSP30 MSP40 OS2 OS3 OS8TX RSP RSPE	DCP communication is blocked as soon as IGMP Snooping is enabled.	-	Fixed in release 09.0.05.
524	09.1.00	09.2.00	All	ACL established parameter automatically adds "-fin".	-	Fixed in release 09.2.00.
525	09.1.00	09.2.00	All	DHCP relay IPv4 does not suppress original DHCP requests on gigabit ports.	-	Fixed in release 09.2.00.
526	09.1.00	09.2.00	BRS	SNMPv3 password changes are logged as clear text in Audit trail.	-	Fixed in release 09.2.00.
527	09.1.00	09.2.00	All	Device reboots if changing the Ring/Network Coupling mode.	-	Fixed in release 09.2.00.
528	09.1.00	09.2.00	All	RSPAN destination port is looping ipv6 neighbor advertisements.	-	Fixed in release 09.2.00.
529	08.7.03	09.2.00	BRS	Device reboot if the link is lost on BRS.	-	Fixed in release 09.2.00.
530	09.1.00	09.2.00	BRS	IGMP loop on BRS in HiOS 09.1.00.	-	Fixed in release 09.2.00.
531	08.5.00	09.2.00	BRS	Storm control on BRS does not work on ports > 13.	-	Fixed in release 09.2.00.
532	09.0.01	09.2.00	All	PTP transparent clock creates corrupted packets when a PTP port is VLAN tagged.	-	Fixed in release 09.0.06 and 09.2.00.
533	09.1.00	09.2.00	BRS GRS105_106	High recovery times in MRP Subrings with BRS.	-	Fixed in release 09.2.00.
534	09.1.00	09.2.00	MSP40	Denial of service vulnerability in OPC UA implementation.	-	Fixed in release 09.2.00.
535	01.0.00	09.2.00	All	Security improvements by updating expat to version 2.5.0.	-	Fixed in release 07.1.08 and 09.2.00.
536	06.0.00	09.2.00	BRS BXS GRS1020_1030 GRS103 GRS1040 GRS105_106 MSP40 OS3 OS8TX	The SNMP Engine ID is not formatted in accordance with RFC 3411/5343.	-	Fixed in release 09.2.00. An update to this version will change the previously used SNMP Engine ID to the correct format, which may require additional action in some network management tools.
537	09.0.00	09.0.06	All	Uploading a certificate containing an encrypted private key, causes the switch to lock up.	-	Fixed in release 09.0.06.
538	03.0.00	09.0.06	All	Device reboot (device task crash) may occur with a high management traffic load.	-	Fixed in release 09.0.06 and 09.2.01.
539	09.0.00	09.0.06, 09.2.01	All	The web interface may react slowly in case of larger configurations.	-	Fixed in release 09.0.06 and 09.2.01 and further improved in 10.3.00.
540	09.0.04	09.0.06	DRAGON	Mach4500 (Dragon-808) doubles the IGMP queries.	-	Fixed in release 09.0.06.
541	00.0.00	09.0.06		Improved HSR performance on high packet load.	-	Fixed in release 07.1.08 and 09.0.06.
542	09.1.00	09.2.01	GRS105_106	On ports 1/7-1/14 although the link state on a port is up, in rare cases there is no communication possible.	-	Fixed in release 09.2.01.
543	01.0.00	08.7.06	All	Security improvements.	-	Fixed in release 09.2.00.
544	09.1.00	09.4.00	All	SNTP Server disabled after reboot, if ipv6 was disabled.	-	Fixed in release 09.4.01.
545	09.0.00	09.4.00	2A 3A 3S	In the extended ACL rule, IP protocol becomes UDP when the rule is applied.	-	Fixed in release 09.0.07 and 09.4.01.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
546	09.1.00	09.4.00	GRS103	ports with active spanning tree and port monitoring show high inload values.	-	Fixed in release 09.4.01.
547	08.7.00	09.4.00	BRS BXS OS8TX	DOS Protection still filters packets on BRS, BXS and Octopus 8TX although it is administratively disabled.	-	Fixed in release 09.4.01.
548	03.0.00	09.4.00	All	PTP does not measure delay on the highest port number.	-	Fixed in release 09.4.01.
549	09.1.00	09.4.00	All	Wrong Radius guest user mapping.	-	Fixed in release 09.4.01.
550	09.1.00	09.0.07	RSP	The device might lose its device programming during the update to version 09.1.00 or higher and cannot be used anymore.	-	Fixed in release 09.4.02. An update to release 09.0.07 is required first!
551	09.0.02	09.0.03	All	Wrong LLDP remote data is displayed. Instead of Port ID, chassis ID was being shown.	-	Fixed in release 09.4.01.
552	09.1.00	09.4.00	OS2 RSP RSPE	Priority setting lost on HSR interface after reboot.	-	Fixed in release 09.4.01.
553	09.0.02	09.4.00	All	Misleading Error Message in Web Interface: Error: 'Entry "TestUser" contains invalid characters or has a wrong length (allowed: 1..32).'	-	Fixed in release 09.4.01.
554	09.1.00	09.4.01	GRS1040 MSP40 OS3	Some devices do not boot up any more. This sometimes also depends on environmental conditions.	-	Fixed in release 09.4.01. It is strongly recommended to update all affected devices running HiOS versions between 09.1.00 and 09.4.00.
555	09.1.00	09.4.01	All	The device does not allow firmware updates anymore and "Failed to install signed firmware infrastructure." is logged on every reboot. In case this issue occurs, please contact the support.	Make sure power is not interrupted while booting a HiOS 09.1.00 or higher the first time.	Fixed in release 09.4.01.
556	08.3.00	09.4.01	BRS BXS OS8TX	PTP is not able to send VLAN tagged packets and does not synchronize on ports where "admitOnlyVlanTagged" is enabled.	-	Fixed in release 09.4.01.
557	09.4.00	09.4.01	All	With HiOS 09.4.00, Industrial HiVision is not able to exchange files (logs, config, support info, firmware) with the device.	-	Fixed in release 09.4.01.
558	09.2.00	09.4.01	OS2 RSPE	Fast MRP recovery times on link up are in the range of 290ms instead of 10ms.	-	Fixed in release 09.4.01.
559	09.4.01	09.4.02	MSP40 OS2 OS3 OS8TX RSP RSPE	After directly updating the device from HiOS 09.0 (09.1 for MSP40 and OS3) to HiOS 09.4.01, the device does no longer allow updates.	Contact the support in order to receive instructions on how to resolve the issue.	Fixed in release 09.4.02.
560	04.0.00	09.0.07	3A 3S	VRRP does not take over the master role for the configured secondary IP addresses.	-	Fixed in release 09.0.07.
561	07.1.06	09.4.02	GRS1020_1030 GRS103	A storm of LLDP packets could cause MRP ring instabilities.	-	Fixed in release 09.4.02 and 07.1.08.
562	09.2.00	09.4.02	OS2 RSP RSPE	The device reboots with 'LED task not executed' in the system log.	-	Fixed in release 09.4.02.
563	08.0.00	09.0.07	All	In some network typologies, the switch management is not accessible for some time after a topology change.	-	Fixed in release 09.0.07.
564	01.0.00	09.0.07	OS2	Some Octopus2 devices produced after October 1st 2022 sometimes wrongly detect a bypass relay. This prevents an MRP Manager from being activated on ports 1/1-1/4. For MRP Managers configured on these ports, this could cause a network loop if the device is rebooted.	-	Fixed in release 09.0.07, 09.4.02 and 10.0.00.
565	09.0.00	09.6.00	BRS BXS OS8TX	The WEB-interface shows "LU" instead of "T" in the "VLAN -> Configuration" dialog when configuration is done after a SFP was removed and inserted again.	-	Fixed in release 09.6.00.
566	09.0.00	09.6.00	All	The "Ring/Network Coupling" dialog in the Webinterface is not usable if the partner coupling port interface index is higher than the interface range the local device supports.	-	Fixed in release 09.6.00.
567	since Linux	09.6.00	All	In the Web Interface there is a 1 or 2 seconds offset between System Time and System Time (UTC).	-	Fixed in release 09.6.00.
568	07.0.00	07.1.08	EES RED RSPS	Static MAC filters are not applied after reboot of the device.	-	Fixed in release 07.1.08.
569	08.7.02	07.1.08	All	Neighbor IP address is not shown in the cli using the command "show lldp remote-data".	-	Fixed in release 07.1.08 and 09.2.00.
570	07.1.00	07.1.08	GRS1020_1030	HiDiscovery frames are forwarded to other VLANs and could cause a loop.	-	Fixed in release 07.1.08.
571	07.1.00	07.1.08	All	The SNMP community cannot be set via a cli script.	-	Fixed in release 07.1.08 and 09.0.01.
572	07.1.00	07.1.08	All	Several vulnerabilities were fixed by updating openssl to version 1.0.2zl.	-	Fixed in release 07.1.08.
573	07.1.00	07.1.09	GRS1020_1030	For device variants with 8 fixed SFP ports, the SFPs in these ports are sometimes not recognized correctly when booting. This happens especially with TP-SFPs.	-	Fixed in release 07.1.09.
573	6.0.00	07.1.11	All	Fixed "Integer Overflow or Wraparound (BadAlloc)" vulnerability.	-	Fixed in release 07.1.10 and 09.0.10
574	08.0.00	07.1.10	All	Vulnerability within tcpdump ICMP parser component (CVE-2018-14462). Devices are only affected if tcpdump is currently used on the device.	-	Fixed in release 07.1.10.
575	09.2.00	09.4.03	GRS1040 MSP40	For some device variants Profinet Application Relation could not be established.	-	Fixed in release 09.4.03.
576	07.4.00	09.4.03	BRS BXS OS8TX	Sometimes the devices can become unreachable after changing the PTP clock-mode.	-	Fixed in release 09.4.03.
577	07.4.00	09.4.03	BRS BXS OS8TX	After some time PTP synchronization is lost and time frequently changes by one second.	-	Fixed in release 09.4.03.
578	09.4.00	09.4.03	All	Several vulnerabilities were fixed by updating openssl to version 1.1.1x.	-	Fixed in release 09.4.03 and 09.0.08.
579	07.0.00	09.4.03	All	DHCP-Relay does not forward DHCP Offers depending on the port number of the connected device.	-	Fixed in release 09.4.03.
580	09.1.00	09.4.03	RSP	General DLR instability, predominantly if used together with RCP.	-	Fixed in release 09.4.03. New default and recommended DLR "Beacon Timeout" is 10000µs.
581	07.0.00	09.0.08	MSP30 MSP40	Device cannot access the status of a remote IO module.	-	Fixed in release 09.0.08 and 10.0.00. After upgrading the software, the configuration must be cleared for the fix to take effect.
582	09.0.06	09.0.08	All	Device reboots with "Heap memory all consumed." in the log after frequently loading cli script config from the device.	-	Fixed in release 09.0.08.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
583	08.4.01	09.0.08	All	Using RSPAN with multicast traffic causes the multicast traffic to be looped in the RSPAN VLAN.	-	Fixed in release 09.0.08 and 10.0.00.
584	08.7.03	09.0.08	DRAGON	After reboot sometimes virtual VRRP interfaces are not accessible.	-	Fixed in release 09.0.08.
585	09.0.00	09.0.08	DRAGON	If multiple VLAN routing interfaces and proxy-arp are configured, the device sporadically does not boot.	-	Fixed in release 09.0.08.
586	08.0.00	09.0.08	OS3	PoE fast-startup feature is not working correctly.	-	Fixed in release 09.0.08.
587	09.0.00	09.0.08	All	CLI script with rmon-alarm settings cannot be applied correctly. Additionally rmon-alarm traps are only sent for event index 1 and 2.	-	Fixed in release 09.0.08.
588	09.0.00	09.0.08	3A 3S	Adding more than 10 virtual links to an OSPF area is not possible.	-	Fixed in release 09.0.08.
589	09.1.00	10.0.00	All	Device reboots with "Heap memory all consumed." in the log after frequently loading cli script config from the device.	-	Fixed in release 10.0.00.
590	09.3.00	09.4.04	OS2	On some device variants with PoE support management access is no longer possible. This happens especially when running CLI commands like "show inlinepower port" or "show running-config script".	-	Fixed in release 09.4.04 and 09.6.01.
591	07.4.00	09.4.04	BRS BXS OS8TX	Devices with HW Revision 4 are now available. The HW Revision can be seen in the CLI by running "show system info" command. The output will show in the CLI as Device hardware revision ... 4000.	-	HW Revision 4 devices are supported since HiOS 09.4.04, HiOS 09.6.01 and 10.0.00.
592	09.4.00	09.4.04	BRS BXS OS8TX	Connection to PTP master is lost as soon as an affected device with up to 12 ports is used as PTP Transparent Clock in the network.	-	Fixed in release 09.4.04, 09.6.01 and 10.0.00.
593	09.1.00		All	The device does not allow firmware updates anymore and "Failed to install signed firmware infrastructure." is logged on every reboot. In case this issue occurs, please contact the support.	Make sure power is not interrupted while booting a HiOS 09.1.00 or higher the first time.	Fixed in release 09.4.01.
595	08.6.01	09.5.00	All	Using sflow sampler can cause malfunction of several other protocols configured on the device.	-	Fixed in release 10.0.00.
596	01.0.00	10.0.00	All	The Config Check in the web based interface sometimes gives false warnings.	-	Fixed in release 10.0.00.
597	06.0.00	10.0.00	All	Syslog over TLS, LDAP and Email logging do only support a single ca-certificate.	-	Fixed in release 10.0.00.
598	09.0.00	10.0.00	All	Unable to create DiffServ class entry using the web based interface.	-	Fixed in release 10.0.00.
599	09.1.00	10.0.00	GRS105_106 OS2 RSP RSPE	Some RSPAN settings sometimes get lost after reboot.	-	Fixed in release 10.0.00.
600			All	busybox component was updated to fix several possible vulnerabilities.	-	Fixed in release 10.0.00.
601	09.0.00	10.0.00	GRS1040	Performance issue in web based interface when using big number of entries e.g. ACLs.	-	Fixed in release 10.0.00.
602	01.0.00	10.0.00	BRS BXS GRS103 OS8TX	Configuring more than 4 sub-rings causes a loop.	-	Fixed in release 10.0.00.
603	09.0.00	10.0.00	GRS105_106	If autoneg is disabled on 2.5G ports a link is shown even without a cable connected.	-	Fixed in release 10.0.00.
604	03.0.00	09.7.00	All	The auto-disable setting of port-security is missing in CLI scripts.	-	Fixed in release 10.0.00.
605	01.0.00	10.0.00	RSP	PRP devices with duplicate detection interval configured to a high value (e.g. 5s) can cause a high number of duplicated packets in the network.	-	Fixed in release 10.0.00.
606	07.0.07	10.0.00	OS2 RSP RSPE	Supervision frames are not flooded on regular ports in HSR to PRP coupling.	-	Fixed in release 10.0.00.
607	09.2.00	10.0.00	RSP	Port mirroring on Link aggregation does not work after reboot.	-	Fixed in release 10.0.00.
608	09.2.00	10.0.00	OS2 RSP RSPE	Error message in the web based interface when trying to configure PRP or HSR.	-	Fixed in release 10.0.00.
609	07.2.00	10.0.00	GRS1040 MSP40 OS3	Flow-control is not functioning correctly on certain devices.	-	Fixed in release 10.0.00.
610	09.0.00	10.0.00	All	Web based interface session timeout does not work if PC is locked or browser is minimized.	-	Fixed in release 10.0.00.
611	09.1.00	10.0.00	GRS1040 GRS105_106	The NAS-Identifier is no longer included in Radius Requests.	-	Fixed in release 10.0.00.
612	<=09.0.07	10.0.00	BRS BXS OS8TX	Ring/Network Coupling could cause short network loops, especially on restart of a coupling device.	-	Fixed in release 10.0.00 and 09.6.01
613	09.6.00	10.0.00	BRS	Changing a MRP port using the cli or web based interface while a Profinet application relation is active causes MRP to be disabled.	-	Fixed in release 10.0.00.
614	09.x.xx	10.0.00	All	Device vulnerable to SSH terrapin attack.	As a workaround, chacha20 can be disabled by setting hm2SshEncryptionAlgorithms to "90"	Fixed in release 10.0.00. Only the default value of hm2SshEncryptionAlgorithms is changed. For existing configurations the workaround needs to be applied.
615	09.4.00	10.0.00	BRS BXS OS8TX	Profinet DCP packets are VLAN tagged several times in some network typologies.	-	Fixed in release 10.0.00.
616	09.6.00	10.0.00	All	Sometimes the device freezes or reboots when using IEC61850.	-	Fixed in release 10.0.00.
617	09.0.00	10.0.00	GRS1040	For the IP DSCP Mapping, the DSCP value 17 was shown as 16 in the Web based interface.	-	Fixed in release 10.0.00.
618	07.4.00	10.0.00	BRS	Devices sometimes freezes if a defective SFP is plugged.	-	Fixed in release 10.0.00.
619	09.1.00	10.0.00	BRS BXS OS8TX	Using EtherNet/IP in a other than the management VLAN can cause a storm of DHCP broadcasts.	-	Fixed in release 10.0.00.
620	09.0.00	10.0.00	All	Access-Control-Allow-Origin in HTTP/S headers is set to any value.	-	Fixed in release 10.0.00.
621	01.0.00	10.0.00	All	LLDP chassis id is always logged in MAC address format even if the chassis type is not MAC.	-	Fixed in release 10.0.00.
622	01.0.00	10.0.00	All	Ring/Network Coupling does not work together with MRP using link aggregation.	-	Fixed in release 10.0.00.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
623	01.0.00	10.0.00	BRS	Setting ports to "admit only vlan tagged" causes instabilities of redundancy's under load.	-	Fixed in release 10.0.00 and 09.6.01
624	08.1.00	10.0.00	BRP BRS BRSE BXP BXS DRAGON GRS103 GRS1040 GRS105_106 GRS2000 MSP40 OS2 OS3 OS8TX RSP RSPE	Configuration might be lost if the power supply is removed within a few seconds after the save operation returned ok.	-	Fixed in release 10.0.00.
625	04.5.00	10.0.00	All	Internal component libexpat updated, as a security measure.	-	Fixed in release 10.0.00.
626	01.0.00	10.0.00	OS2 RDD RSP RSPE	A firmware with CRC errors as backup image is shown as valid.	-	Fixed in release 10.0.00.
627	07.0.00	10.0.00	BRS	DNS names starting with a number can't be configured using the web based interface.	-	Fixed in release 10.0.00.
628	01.0.00	10.0.00	GRS1040	Fiber port types are always shown as LC ports even if they are e.g. DSC ports.	-	Fixed in release 10.0.00.
629	10.0.00	10.0.00	BRS OS8TX RSP	The GSDML generated by the device has errors on some of the variants.	-	Fixed in release 10.0.00.
630	09.2.00	09.7.00	OS2 RSP RSPE	The MTU of PRP and HSR resets to 1518 after a reboot.	-	Fixed in release 10.0.00.
631	09.x.xx	09.3.01-RC02	All	Device vulnerable to SSH terrapin attack.	As a workaround, chacha20 can be disabled by setting hm2SshEncryptionAlgorithms to "90"	Fixed in Emerson branch 09.3.00 Only the default value of eas2SshEncryptionAlgorithms is changed. For existing configurations the workaround needs to be applied.
632	06.0.00	07.1.11	GRS1020_1030	After loading or clearing a configuration SFPs are recognized with wrong speed.	-	Fixed in release 07.1.11.
633	06.0.00	07.1.11	GRS1020_1030	Sometimes reading the temperature of the device via snmp, a error is returned.	-	Fixed in release 07.1.11.
634	07.0.00	07.1.11	GRS1020_1030	All NTP packets in the network reach the management CPU and cause high CPU load.	-	Fixed in HiOS 07.1.11 and HiOS 10.0.01
635	07.1.06	07.1.11	All	Topology changes, especially if all ports are down, could cause the configured gateway not working any more.	-	Fixed in release 07.1.11.
636	03.0.00	07.1.10	GRS1020_1030	Memory leak when downloading config and status information from the device. This causes malfunction e.g. ARP can not be resolved any more.	-	Fixed in release 07.1.11.
637	01.0.00	07.1.10	RSP	HSR/PRP coupling switches do not forward supervision frames to PRP when port mirroring is configured.	-	Fixed in release 07.1.11.
638	07.0.00	10.0.01	GRS103	All NTP packets in the network reach the management CPU and cause high CPU load.	-	clone of Fixed in release 07.1.11.
639	---	09.6.01		2 parallel RCP networks do not run under all conditions.	-	Fixed in releases 09.6.01.
640	09.0.03	09.6.01		BRS is no longer accessible under rare and specific conditions	-	Fixed in release 09.6.01 and HiOS 10.0.01
641	09.0.03	09.0.09	GRS1040	Port security table does not contain all MAC address entries.	-	Fixed in 09.0.09
642	01.0.00	09.0.09	GRS1040	GRS1042 module displayed wrong - LC instead of SC	-	Fixed in 09.0.09
643	09.0.00	09.0.09	3A	In some PIM-SM scenarios stucked streams are observed.	-	Fixed in 09.0.09
644	09.0.07	09.0.09	MSP30	MSP30 might crash by changing 802.1x port settings	-	Fixed in 09.0.09
645	01.0.00	09.0.09	DRAGON	If one PSU on DRAGON is detected as defect it can cause a system outage.	-	Fixed in HiOS 09.0.09 and HiOS 10.0.01
646	09.0.00	09.0.09	GRS1040	Forced Password change when configuration is loaded via USB ACA 21/22	-	Fixed in HiOS 09.0.09 and HiOS 10.0.01
647	09.0.08	09.0.09	All	DHCP-server per VLAN doesn't support "mobile" clients	-	Fixed in HiOS 09.0.09 and HiOS 10.0.01
648	09.0.08	09.0.09		Several vulnerabilities were fixed by updating openssl to version 1.1.1za.	-	Fixed in 09.0.09
649	01.0.00	10.1.00	All	Security improvements by updating expat to version 2.6.3.	-	Fixed in release 10.1.00.
650	07.x.xx	10.2.00	All	In some scenarios device is not responding to PN_DCP ident requests.	-	Fixed in HiOS 10.2.00
651	09.6.00	10.2.00	BRS	After save and reboot the link configuration in some scenarios change back to default.	-	Fixed in HiOS 10.2.00
652	09.4.02	10.0.01	All	CPU average load not calculated on the last 30 min.	-	Fixed in HiOS 10.0.01
653	9.4.02	10.0.01	RSP	SFP data temperature and power data sometimes not readable.	-	Fixed in HiOS 10.0.01
654	09.1.00	10.0.01	RSP	Sporadically MRP test frame timeout in sub-rings when SNTP is active.	-	Fixed in HiOS 10.0.01
655	09.1.00	10.0.01	OS2	Short multicast loss after booting up a device in a ring.	-	Fixed in HiOS 10.0.01
656	09.4.03	10.0.01	All	Port priority with class of service "untrusted" is not saved permanently.	-	Fixed in HiOS 10.0.01
657	09.4.00	10.0.01	RSP RSPE	VRRP master negotiation does not work under rare scenarios when unicast address is used.	-	Fixed in HiOS 10.0.01
658	10.0.01	10.0.01	MSP40	Vlan configuration missing on MSP module (T1T1T1T1XXXXX) after update to new version.	-	Fixed in HiOS 10.0.01
659	10.0.00	10.0.01	All	Device reboots when ACL with index 999 is created	-	Fixed in HiOS 10.0.01
660	09.0.00	09.0.10	All	VRRP wizard fails with tracking objects	Use VRRP wizard without tracking objects and add them manually.	Fixed in HiOS 09.0.10
661	6.0.00	09.0.10	All	Running config might be incomplete/empty when downloaded.	-	Fixed in HiOS 09.0.10 and 10.2.01
662	05.0.0	09.0.10	All	DRAGON as DHCP L3 relay does not relay some end device packets.	-	Fixed in HiOS 09.0.10
663	07.4.00	10.2.01	BRS	RSTP does not work correctly with VLAN ingress filtering.	Do not use ingress filtering	Fixed in 10.2.01
665	09.4.04	10.3.00	GRS1040	Some devices fail to boot after updating to firmware HiOS 10.0.00.	-	Fixed in release 10.3.00.
666	09.0.00	10.3.00		The web based interface does not show the right port speed capabilities for 2.5G ports.	-	Fixed in release 10.3.00.



ID	Since	Fixed in	Variant	Description	Workaround	Correction
667	10.0.00	10.3.00	All	Topology changes in a sub-ring cause unnecessary topology change-messages to be sent to connected RSTP devices.	-	Fixed in release 10.3.00.
668	10.0.00	10.3.00	3A 3S	Every time an OSPF link is disconnected and reconnected, the number of active routes increase.	-	Fixed in release 10.3.00.
669	09.1.00	10.3.00	RSP	RCP master does not respect VLAN membership in all cases.	-	Fixed in release 10.3.00
670	<10.0.00	10.3.00	All	OPC-UA Server changes the NodeId every time a switch is rebooted.	-	Fixed in release 10.3.00.
671	10.0.00	10.3.00	BRS GRS105_106	Profinet: The following device variants could not be integrated in TIA portal: BRS20-24009999,"BRS40-0020 9999",BRS41-00240000, BRS51-0020QTQT, BRS51-0024QTQT, GRS105-6F8T16T.	-	Fixed in release 10.3.00.
672	01.0.00	10.3.00	BRS	The ACA method of software autoUpdate, using startup.txt, is not working if the device no longer has any bootable firmware.	-	Fixed in release 10.3.00.
673	09.1.00	10.3.00	All	Unstable Sub-ring when configured on a MRP Ring manager.	-	Fixed in release 10.3.00.
674	09.0.00	10.3.00	GRS1040 MSP40 OS2 OS3 RSP RSPE	The vlan-unaware-mode does not work after rebooting.	-	Fixed in release 10.3.00.
675	09.1.00	10.3.00	3A 3S	Link Down notification for HivRRP is sent with errors.	-	Fixed in release 10.3.00.
676	09.1.00	10.3.00	All	SNTP Server replies with incorrect IP address.	-	Fixed in release 10.3.00.
677	10.0.00	10.3.00	OS2 RSP RSPE	PRP supervision frames are not sent in all VLANs.	-	Fixed in release 10.3.00.
678	09.0.00	10.3.00	3A 3S	Using the Routing Wizard in the web interface to create a VLAN routing interface will change the VLAN settings of this VLAN from "Forbidden" to "Tagged".	-	Fixed in release 10.3.00.
679	10.1.00	10.3.00	All	Library libexpat updated to version 2.7.1.	-	Fixed in release 10.3.00.
680	10.2.00	10.3.00	BRS	TACACS+ might expose sensitive data if used unencrypted.	-	Fixed in release 10.3.00.
681	10.0.00	10.3.00	BRS	Device reboots after service-discovery is enabled.	-	Fixed in release 10.0.02 and 10.3.00.
682			OS2	Starting with Hardware revision 2 copper cable test will not work any more on ports 1/5-1/28.	-	No fix planned.
683	09.1.00	10.0.02		Relay contact follows sporadically status configuration for about 1 second.	-	Fixed in release 10.0.02 and 10.3.01.
684	09.1.00	09.6.00	DRAGON GRS1040 MSP40 OS3	Devices perform a reboot after 388 days of uptime. Impact: Traffic interruption during reboot	Do a controlled reboot before the uptime reaches 388 days.	Fixed in release 09.6.00.