



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
41869	1	05.0.00	05.0.01	2A 3S 3A	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.
40991	2	---	04.0.02	RSPS RSP RSP EES	PRP dialog is missing in web interface.	-	Fixed in release 04.0.02.
39610	3	01.0.00	Unplanned	RSPL RSPS RED GRS1020_10 30 EES EESX	The management agent is reachable with untagged packets, even the VLAN acceptable frametype is set to tagged frames only (admitOnlyVlan).	-	Hardware related limitation.
38899	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.
41873	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.
36105	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.
40684	7	04.0.00	04.0.04	RSPS EES 2S	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.
36670	8	01.0.00	04.0.00	RSPS RED EES	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.
36671	9	01.0.00	01.1.00	RSPL RSPS GRS1020_10 30 GRS103 EES EESX	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.
40611	10	04.0.00	04.0.01	MSP30 3A	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.
41610	11	04.0.00	04.0.04	3S 3A	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.
36532	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.
38663	13	02.0.00	02.0.04	RSPL RSPS RSP EES	The Auto-Disable reason list shows the unavailable options DHCP-Snooping and ARP-Rate.	-	Fixed in release 02.0.04.
40613	14	04.0.00	04.0.01	MSP30 RSP RSP EES 3S 3A	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.
41734	15	05.0.00	05.0.01	MSP30 MSP40 RSP GRS1040 OS2 3S 3A	An IP ACL containing one of 'gt/lte/neq' as the operator for TCP/UDP ports can not be assigned on an interface in outbound direction.	-	No fix planned.
38664	16	02.0.00	02.0.04	RSPL RSP	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.
40996	17	04.0.00	04.0.03	MSP30 3A	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
36765	18	01.0.00	01.1.00	RSP EES	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.
41499	19	04.0.00	05.0.00	All	A MMS Write operation on the RCB (Report Control Block) Rptld object deletes this object's value.	-	Fixed in release 04.0.04 and 05.0.00.
41501	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.
38487	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.
38670	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.
39747	23	04.0.00	05.0.00	3S 3A	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.
36590	24	01.0.00	01.1.00	RSP EES	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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37852	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.
40742	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.
38190	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.
36018	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.
38379	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.
36981	30	01.0.00	02.0.00	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.15.111.112.101.114.9 7.116.111.114.95.118.105.101.119.95.119.9.1.3.6. 1.4.1.248.12.36 set to '6' (destroy).	No change planned.
38195	31	02.0.00	02.0.00	All	Voice VLAN works together with DHCP Option 176 only if Voice VLAN authentication is disabled on that interface.	-	No change planned.
41910	32	04.0.00	04.0.04	3S 3A	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.
41161	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.
40635	34	04.0.00	04.0.01	MSP30 RSP RSPE 3S 3A	When creating a script on a device with loopback or vian 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.
40636	35	04.0.00	04.0.01	MSP30 RSP RSPE 3S 3A	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
36298	36	01.0.00	02.0.00	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.
39954	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.
37323	38	02.0.00	02.0.00	MSP30 MSP40 GRS1040	The dot1x policy is always applied to the ingress direction even when the policy-map is egress.	-	No change planned.
41532	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
38605	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.
40700	41	04.0.00	04.0.02	MSP30 RSP RSPE 3S 3A	If the number of VRRP instances and router interfaces exceeds 12, ARP requests cannot be resolved any more.	-	Fixed in release 04.0.02
38932	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.
38362	43	02.0.02	02.0.03	All RSPS RSP EES	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.
38431	44	01.0.00	02.0.03	RSPS EES	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.
39772	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.
38066	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.
41276	47	04.0.01	05.0.00	RSPS RSP RSPE RED OS2 EES	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.
41110	48	01.1.00	03.0.00	RSPS EES	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.
38434	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.
40823	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.
39087	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):	Fixed in release 02.0.05 and 03.0.00.



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36626	52	01.0.00	01.1.00	RSP EES	The device displays the hardware revision as "0065" instead of "0101".	-	Fixed in release 01.1.00.
41664	53	04.1.00	05.0.04	RSPL RSPS RED GRS1020_10 30 EES EESX	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.
40655	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.
38621	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.
38219	56	02.0.00	02.0.00	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.
41179	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
38623	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.
39975	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.
40660	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.
40362	61	03.0.00	05.0.00	RSP 2A	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.
40834	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.
36599	63	01.0.00	02.0.00	RSP EES	In some cases the audit trail and the system log dialog becomes temporarily unresponsive because of a long-term operation during the download of the HTML pages. This behavior just occurs with Java 7.	-	Fixed in release 02.0.00.
37737	64	01.0.00	02.0.00	RSPS RED EES	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.
37018	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.
38695	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.
35700	67	01.0.00	01.0.00	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.
36341	68	01.0.00	02.0.00	RSP EES	The standalone web interface just accepts changes in the preferences after a restart.	Restart the standalone WEB interface.	Fixed in release 02.0.00.
38967	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.
40847	70	04.0.00	04.0.02	MSP30 3A	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.
40085	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.
37931	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.
41943	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.
38978	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.
40387	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.
41556	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.
38241	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.
39986	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.
37206	80	01.1.00	01.1.01	RSP EES	VRRP and PRP - master router election fails if transfer network is a PRP network.	-	Fixed in release 01.1.01.
40857	81	01.0.00	04.0.02	MSP30	Disabling authentication traps has no effect.	-	Fixed in release 04.0.02.
39989	82	03.1.00	---	RSPE OS2	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.
40976	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.
40860	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.
40256	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.



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38328	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.
36553	88	01.0.00	02.0.00	RSP EES	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.
35828	89	01.0.00	05.0.00	RSP RSPE RDD OS2	While using 10 Mbit/s half-duplex connections in shared networks, in rare cases, the link can be interrupted temporary.	-	No change planned.
36555	90	01.0.00	02.0.00	RSP EES	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.
41351	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.
39424	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.
39914	93	03.0.00	03.0.02	RSP EES	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.
41854	94	04.0.00	05.0.00	3S 3A	The virtual IP address of a VRRP instance cannot be pinged from all subnets.	-	Fixed in release 04.0.04 and 05.0.00.
40676	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
41211	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.
36454	97	01.0.00	01.0.00	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.
41060	98	03.0.00	05.0.00	All	The device will reboot, if a server entry of an SNMP client configuration with a DNS address type is removed.	-	Fixed in release 05.0.00.
38260	99	02.0.00	02.0.01	RSPL RSPS RSP EES	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.
41364	100	04.0.00	05.0.00	3S 3A	PTP is not working on port-based router interfaces.	-	Fixed in release 05.0.00
39598	101	03.0.00	04.0.03	All	Link backup failback times may be too high if failback timer is set to 0 or partner is a RSPL or GRS device.	Set failback to disabled or failback timer greater than 2 seconds.	Fixed in release 04.0.03
36086	102	01.0.00	02.0.00	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.
36603	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.
39675	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.
36749	105	01.0.00	02.0.00	RSP EES	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.
40987	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.
40598	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.
42171	108	04.0.04	05.0.03	RSPL RSPS RED GRS1020_10 30 EES EESX	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.
42089	109	04.0.00	05.0.03	3S 3A	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.
42106	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.
42195	111	04.1.00	05.0.03	MSP30 RSPE GRS1020_10 30	Modular devices lose RAM over time. This can lead to a reboot after a couple of weeks.	-	Fixed in release 05.0.03.
42123	112	05.0.00	05.0.03	All	Several issues regarding the PROFINET protocol were fixed.	-	Fixed in release 05.0.03.
42132	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.
42407	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.
42593	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.
42444	116	05.0.00	05.0.04	RSP RSPE OS2	DLR SignOn packets may be send with the wrong IP address information.	-	Fixed in release 05.0.04.
42611	117	05.0.00	05.0.04	RSP RSPE OS2	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.
42616	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
42455	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
42498	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.
42360	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.
42712	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
41884	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.
42055	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.
42739	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.
42470	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.
42308	127	02.0.00	06.0.00	MSP30 RSPE OS2	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.
42660	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.
42948	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.
42949	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.
42801	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.
42817	132	04.0.00	06.0.01	RSP RSPE OS2 3S	PRP/HSR used together with routing on the same device is not working for some VLAN configurations.	-	Fixed in release 06.0.01.
42820	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.
42826	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.
42603	135	06.0.00	06.0.01	RSPL GRS1020_10 30 EESX	Configured management VLAN and ACL VLAN assignments are not cleared with the "clear config" command.	-	Fixed in release 06.0.01.
42777	136	06.0.00	06.0.01	MSP30 GRS1040	The cos-queue min/max-bandwidth settings are not reflected correctly in the "show running-config script" output.	-	Fixed in release 06.0.01.
42921	137	06.0.00	06.0.01	2A 3S 3A	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
42787	138	05.0.00	06.0.01	RSP 2S	MTU values greater than 4096 bytes are not configurable.	-	Fixed in release 05.0.05 and 06.0.01.
43058	139	01.0.00	06.0.02	RSPS RSP RED EES	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.
43215	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.
43070	141	04.1.01	06.0.02	RSP OS2	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.
43074	142	04.0.00	06.0.02	MSP30 RSPE 3S	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.
42985	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.
42991	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.
42995	145	03.0.00	06.0.02	RSP RSPE OS2 2A 3S	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.
43096	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.
43102	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.
42861	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.
42036	149	04.0.00	06.0.02	3S 3A	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.
43032	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
43361	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.
43342	152	06.1.00	06.1.02	2A 3S 3A	Web based interface throws error message when enabling RSTP.	Use CLI to enable RSTP.	Fixed in release 06.1.02.
43179	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.
41969	154	06.0.00	06.1.02	GRS1020_10 30	Sometimes the ACA is not detected correctly during startup of the device.	-	Fixed in release 06.1.02.
43503	155	04.0.00	06.1.02	All	Applying a script from remote using SNMP is not working.	-	Fixed in release 06.1.02.
43506	156	04.0.00	06.1.02	3S 3A	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.
43220	157	04.0.00	06.1.02	3S 3A	The DHCP server is not offering IP addresses for clients connected to VLAN based router interfaces.	-	Fixed in release 06.1.02.
43224	158	06.0.00	06.1.02	All	Communication between ports with port security enabled is blocked.	-	Fixed in release 06.1.02.
43233	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.
43522	160	01.0.00	06.1.02	RSPS RED EES	If Port Security is enabled packet loss can occur.	-	Fixed in release 06.1.02.
43272	161	06.0.00	06.1.02	RSP RSPE OS2	IGMP snooping is not working in combination with ACLs.	-	Fixed in release 06.1.02
43134	162	06.0.00	06.1.02	MSP30 MSP40 GRS1040	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.
43311	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.
43447	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.
43319	165	04.0.00	06.1.02	3S 3A	In some configurations Tracking does not correctly handle multiple routes with different preferences.	-	Fixed in release 06.1.02.
43680	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.
43676	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
43619	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.
43621	169	05.0.00	06.1.03	2A 3S 3A	LDAP via SSL tries to connect to the wrong server in some scenarios.	-	Fixed in release 06.1.03.
43627	170	06.1.00	06.1.03	All	After a reboot, link aggregations may not forward any data.	-	Fixed in release 06.1.03.
43544	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.
43651	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.
43664	173	06.1.00	06.1.03	MSP40 GRS1040	When ip routes are changed, the device may still use the old gateways for its own management communication.	-	Fixed in release 06.1.03.
43768	174	04.1.02	06.1.04	RSP RSPE OS2	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.
43725	175	02.0.00	06.1.04	RSPS	On some device variants a continuous reboot can occur.	-	Fixed in release 06.1.04.
43733	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.
43585	177	06.0.00	07.0.00	RED	Sporadically port monitor overload detection does not work.	-	Fixed in release 07.0.00.
43687	178	06.1.00	07.0.00	MSP40 GRS1040	Sometimes SNMP packets are answered with the wrong interface IP address.	-	Fixed in releases 07.0.00 and 06.1.05.
43507	179	01.0.00	07.0.00	All	The DHCP server answers 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.
43778	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.
43860	181	06.0.00	07.0.00	RSPE OS2	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.
43077	182	01.0.00	07.0.00	All	The spanning-tree topology change trap cannot be disabled.	-	Fixed in release 07.0.00.
43696	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.
43697	184	02.0.00	07.0.00	RSPS	Some devices reboot continuously depending on the environmental temperature.	-	Fixed in release 07.0.00.
43704	185	06.1.00	07.0.00	RSPS RSP RSPE RED OS2 EES	PROFINET DCP packets are not forwarded on an HSR ring.	-	Fixed in release 07.0.00.
43790	186	04.0.00	07.0.00	3S 3A	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.
43706	187	04.0.00	07.0.00	3S 3A	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.
43880	188	06.0.00	07.0.00	RSPS RED EES	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.
43630	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.
43806	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
43724	191	04.0.00	07.0.00	3S 3A	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.
43738	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.
43819	193	05.0.00	07.0.00	2A 3S 3A	Show running-config script shows wrong ports for MRP over link-aggregation.	-	Fixed in releases 07.0.00 and 06.1.05.
43820	194	06.0.00	07.0.00	2A 3S 3A	In some cases the recovery time between subrings exceed 500ms if a subring manager reboots.	-	Fixed in releases 07.0.00 and 06.1.05.
44076	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.
43976	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.
43513	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.
43873	198		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.
43793	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.
43761	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.
44084	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.
43781	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.
44023	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.
43890	204	01.0.00	07.0.02	MSP40 GRS1040	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.
44125	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.
44049	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.
44050	207	07.2.00	07.2.01	DRAGON	The authenticated DOT1x clients do not timeout.	-	Fixed in release 07.2.01.
44072	208	01.1.01	07.0.03	3S 3A	The unicast ARP requests are ignored.	-	Fixed in release 07.0.03.
44077	209		07.0.03	3S 3A	In some scenarios a short network loop may occur if routing is enabled on a port or VLAN.	-	Fixed in release 07.0.03.
44206	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.
44226	211	01.0.00	07.0.03	All	HTTPS server supports insecure ciphers like RC4.	-	Fixed in release 07.0.03. RC4 and TLS1v0 are disabled by default.
44166	212	06.0.02	07.0.03	3S 3A	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.
43670	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.
43949	214	01.0.00	07.0.04	RSPS RSP RSPE RED OS2 EES	PRP is not padding small VLAN tagged packets to at least 74 bytes.	-	Fixed in release 07.0.04 for RSP, RSPE and OS2.
43763	215	01.0.00	07.0.04	All	In certain scenarios port-security does not detect a violation.	-	Fixed in release 07.0.04.
44204	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.
44347	217	07.0.00	07.0.04	2A 3S 3A	With Redundant Coupling Protocol (RCP) and IGMP snooping enabled loops can occur.	-	Fixed in release 07.0.04.
44233	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.
44265	220	02.0.00	07.0.04	MSP40 GRS1040	In an IP/UDP helper setup the DHCP Offer message is incorrectly forwarded to the DHCP client.	-	Fixed in release 07.0.04.
43711	221	01.0.00	07.0.04	MSP30 MSP40 RSPE GRS1020_10 30 GRS1040	If the configured global PoE threshold is reached, no trap notification is send.	-	Fixed in release 07.0.04.
44415	222	07.0.00	07.0.04	RSP RSPE OS2	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.
44283	223	07.0.00	07.0.04	2A 3S 3A	In certain scenarios MRP ring ports could not be configured using the web based interface.	-	Fixed in release 07.0.04.
43901	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.
44171	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.
44306	226	01.0.01	07.0.04	2A 3S 3A	The Sub-Ring Manager does not accept any MRP frames tagged with VLAN 0.	-	Fixed in release 07.0.04.
44309	227	05.0.00	07.0.04	2A 3S 3A	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
44635	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.		No fix planned.
44671	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.
44679	232	---	---	All	SSH does not work with compression enabled.		To be fixed in future release.
44441	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.
44509	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.
44720	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.
44590	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.
44733	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.
43580	238	06.0.01	07.0.06	MSP40 GRS1040	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.
44331	239	01.0.00	07.0.04	3S 3A	After a cold start with OSPF default route origination enabled, the OSPF default route is not redistributed anymore.	-	Fixed in release 07.0.06.
44464	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.
44212	241	07.0.02	07.0.06	All	In some MRP ring topologies loops may occur.	-	Fixed in release 07.0.06.
44800	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.
44506	243	01.0.01	07.0.06	MSP30	Improperly inserting a module could lock up the device.	-	Fixed in release 07.0.06.
44123	244	03.0.00	07.0.04	3S 3A	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.
44397	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.
44702	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.
44135	247	01.0.01	07.0.04	MSP40 GRS1040	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.
44574	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.
44163	249	07.0.06	07.0.06	MSP30 MSP40 GRS1040	Sometimes "configuration not saved" messages are triggered without making any changes to the device configuration.	-	Fixed in release 07.0.06.
44730	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.
44061	251	01.0.01	07.0.06	3S 3A	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.
44833	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.
44861	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.
44831	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.
44832	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.
44948	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.
44914	257	01.0.00	07.0.07	RSPS RSP	HSR Supervision frames forwarded into PRP networks now have the PRP TLV type to improve interoperability.	-	Fixed in release 07.0.07.
44928	258	01.0.00	07.0.08	GRS1040 DRAGON	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.
44482	259	06.2.00	07.0.07	MSP40 GRS1040	2.5G fiber links are not established with certain other devices.	-	Fixed in release 07.0.07.
45126	260	06.1.00	07.0.07	All	CLI scripts with dhcp-l2relay parameters could not be applied.	-	Fixed in release 07.0.07.
44508	261	01.0.00	07.0.07	MSP30 MSP40 RSPE GRS1020_10 30 GRS1040	If pluggable modules are changed while the device is powered off, the ports sometimes have no VLANs configured.	-	Fixed in release 07.0.07.
44563	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.
45025	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.
44863	264	07.0.00	07.0.07	RSP	IGMP message loops can occur with RCP under certain conditions.	-	Fixed in release 07.0.07.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
45039	265	01.0.00	07.0.07	RSP RSPS RED GRS1020_10 30 EES EESX	A high amount of traffic could lead to loops in MRP controlled networks.	-	Fixed in release 07.0.07.
44731	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.
44894	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.
45286	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.
44838	269	04.0.00	07.0.07	MSP30 3A	During the internal refresh of the flash, packet forwarding could be interrupted for some time in certain configurations.	-	Fixed in release 07.0.08.
45343	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.
45349	272	01.0.00	07.0.08	All	SNMPv3 username with special character "_" are not allowed.	-	Fixed in release 07.0.08.
45383	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.
45262	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.
45267	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.
45269	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.
45159	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.
45367	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.
45379	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.
45382	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.
45384	281		08.0.01	MSP30 MSP40 RSP RSPE RDD GRS1040 OS2 OS3	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.
45389	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.
45408	283	07.2.00	08.0.01	DRAGON	Long ICMP response times can occur.	-	Fixed in release 08.0.01.
45409	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.
45414	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.
45580	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.
45273	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.
45422	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.
45127	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.
45279	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.
44799	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.
45304	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.
43535	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.
45474	294	07.4.00	08.0.01	BRS	Inconsistent display of the system temperature after a reboot.	-	Fixed in release 08.0.01.
45176	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.
45480	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.
45483	297	07.0.00	08.0.01	All 3S 3A	HiDiscovery relay feature is not forwarding packets.	-	Fixed in release 07.1.00 and 08.0.01.
45491	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.
45493	299	07.2.05	08.0.01	DRAGON	CPU utilization sometimes displays negative integer values.	-	Fixed in release 08.0.01.
45509	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.
44732	301	07.4.00	08.0.01	BRS	Changing the management priority has no effect.	-	Fixed in release 08.0.01.
45520	302	---	08.0.01	All	Connectivity issues can occur due to incorrect prioritization of management traffic.	-	Fixed in release 08.0.01.
45378	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
45546	304	01.0.00	08.1.00	MSP40 BRS RSPL RSPS RED GRS1020_10 30 GRS1040 DRAGON OS3 EES EESX	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.
45397	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.
45563	306	07.0.00	08.1.00	3S 3A	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.
45606	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.
45613	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.
45614	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.
45443	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.
45630	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.
45640	312	07.3.00	08.1.00	RSPE OS2	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.
45178	313	07.0.00	08.1.00	MSP30 MSP40 RSPE GRS1040 DRAGON	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.
45008	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.
44484	315	04.1.00	07.0.09	GRS1020_10 30	The SNMP MIB hm2ModuleFirstIndex returns 0 instead of 1.	-	Fixed in release 07.1.00.
45436	316	01.0.00	07.0.09	RSPL GRS1020_10 30	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.
45307	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.
44848	318	05.0.00	07.0.09	RSPS RED	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.
44418	319	01.0.00	07.0.09	RSPL RSPS EES	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.
45510	320	01.0.00	07.0.09	RSPL GRS1020_10 30	If you configure the Class of Service Trust mode to Untrusted, the device is restarted in a loop.	-	Fixed in release 07.1.00.
45723	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.
45844	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.
45809	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.
45955	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.
45813	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.
45824	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.
45752	327	06.0.01	08.1.03	MSP40 GRS1040 DRAGON 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.
46053	328		08.1.02	3S 3A	In some scenarios VRRP recovery times are longer than expected.	-	Fixed in release 08.1.02 and 08.4.01.
45654	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.
45846	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.
46154	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.
45543	332	07.0.04	08.3.00	RSP RSPE OS2	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.
45685	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.
45880	334	01.1.00	08.3.00	RSP RSPE OS2	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.
45418	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.
45623	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
46083	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.
46226	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.
44182	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.
45413	340	07.2.05	08.3.00	All 3A	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.
46048	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.
45688	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.
46059	343	02.0.00	08.3.00	BRS OS2 2A	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.
45272	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.
45598	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.
46182	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.
46194	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.
46085	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.
46101	349	01.0.00	08.4.01	MSP40 GRS1040 DRAGON OS3	A configured management priority has no effect on routing interfaces.	-	Fixed in release 08.4.01.
46103	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.
45725	351	08.0.00	08.1.01	RSP RSPE OS2	The "Snooping Enhancements" dialog in the web-based interface is not available any more.	-	Fixed in release 08.4.01.
46257	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.
46007	353	08.0.01	08.4.01	MSP30 MSP40 RSP RSPE GRS1040 DRAGON OS2 OS3	Packets with EAPoL destination address and LLDP ethertype can cause network loops.	-	Fixed in release 08.4.01.
44175	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.
46269	355	01.0.00	07.1.02	GRS1020_10 30	In some scenarios, management access is very slow.	-	Fixed in release 07.1.02.
46316	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.
45726	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.
46264	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.
46421	359	08.2.00	08.5.00	BRS	A storm of RRR packets sporadically leads to a reboot.	-	Fixed in release 08.5.00.
46363	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.
46367	361	07.4.00	08.5.00	BRS	Some egress limiter settings are not respected.	-	Fixed in release 08.5.00.
46361	362	08.0.01	08.6.00	MSP30 MSP40 RSP RSPE GRS1040 DRAGON OS2 OS3	Specific packets can cause a loop in the MRP and subring.	-	Fixed in release 08.6.00.
46292	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.
46238	364	08.1.03	08.6.00	DRAGON	Specific events can cause instability of MRP ring.	-	Fixed in release 08.6.00.
46240	365	08.0.00	08.6.00	MSP30 MSP40 RSP RSPE RDD GRS1040 DRAGON OS2 OS3	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.
46246	366	08.1.00	08.6.00		Improved traffic rate for subnet directed broadcast.	-	Fixed in release 08.6.00.
46309	367	08.4.00	08.6.00		PRP is not configurable with WEB-Interface	-	Fixed in release 08.6.00.
46466	368	08.1.00	08.6.00	All	security improvements	-	Fixed in release 08.6.00 and 07.1.03.
45819	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.
46397	370	01.0.00	08.6.00	MSP40 GRS1040 DRAGON	In rare cases and very specific setups the watchdog reset can occur.	-	Fixed in release 08.6.00.
46253	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.
46398	372	08.4.01	08.6.00		RSP-2A device falls back to software level 2S after update	-	Fixed in release 08.6.00.
46127	373	---	08.6.00	All	DHCP request with empty options field is not processed.	-	Fixed in release 08.6.00.
46255	374	07.0.00	08.5.00	MSP30	Port name is displayed incorrectly in web interface.	-	Fixed in release 08.6.00.
46262	375	01.0.00	08.5.00	RSP RSPE	Static route with preference 2 is not saved permanent.	-	Fixed in release 08.6.00.
46496	376	08.5.00	08.6.01		Security improvements.	-	Fixed in release 08.6.01.
46490	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
45569	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.
46430	379	08.0.00	08.6.01	BRS	Several DHCP issues.	-	Fixed in release 08.6.01.
46514	380	08.5.00	08.6.01	All	Restricted Management Access cannot be configured in CLI	-	Fixed in release 08.6.01.
46192	381	01.0.00	08.6.01	GRS1040	Flow control cannot be disabled at port with TP-SFP	-	Fixed in release 08.6.01.
46300	382	06.0.00	08.6.01	All	Cascaded RCP topology gets unstable in failure condition.	-	Fixed in release 08.6.01.
46473	383	07.0.00	08.6.01		PTP does not synchronize under specific configuration.	-	Fixed in release 08.6.01.
46326	384	08.4.00	08.6.01		RSTP BPDUs are sporadically processed with wrong priority.	-	Fixed in release 08.6.01.
46538	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.
44904	386	02.0.00	08.7.00	2A 3S 3A	GUI for time based ACL improved	-	Fixed in release 08.7.00.
46574	387	08.6.00	08.7.00	RSP RSPE OS2 3S	1:1 NAT cannot be configured in webif	-	Fixed in release 08.7.00.
46596	388	08.6.00	08.7.00	BRS	BRS: 2.5G SFP doesn't show speed in GUI	-	Fixed in release 08.7.00.
46446	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.
46239	390	04.0.00	08.7.00	MSP30 MSP40 GRS1040 DRAGON OS3	PIM-SM improvements	-	Fixed in release 08.7.00.
46525	391	08.6.00	08.7.00	BRS	MRP: sporadically BRS port number shown as (unknown) in CLI	-	Fixed in release 08.7.00.
45027	392	01.0.00	08.7.00	GRS1020_10 30	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.
46321	393	08.1.00	08.7.00	All	Sporadically ARP entries for static routes get lost	-	Fixed in release 08.7.00.
46482	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.
46139	395	07.2.00	08.7.00	GRS1040	Temperature is sporadically not displayed in Webif	-	Fixed in release 08.7.00.
46600	396	01.0.00	07.1.04		Sporadically temperature value shown incorrectly (128 °C).	-	Fixed in release 07.1.04.
46527	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.
46539	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.
46131	399	01.0.00	07.1.04	GRS1020_10 30	Frequent PS OK events even if nothing has changed.	-	Fixed in release 07.1.04.
46353	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
46677	401	08.1.00	08.7.01		Interface ranges in CLI, result in values not expected.	-	Fixed in release 08.7.01
43225	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.
46532	403	08.6.00	08.7.01	All	Hiper Ring with LAG stops working as soon as IGMP with option "Unkonwn Multicast Send to Query ports" is activated.	-	Fixed in release 08.7.01
46659	404		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
46591	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
46737	406		08.7.02	BRS	1Gbit 4TX uplink ports sometimes do not detect links after reboot	-	Fixed in release 08.7.02
46738	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
45864	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.
46580	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.
46581	410	07.1.00	08.7.03	RSPL RSP	Saved script files of HiOS 07.1.01 are loaded with errors in webif.	-	Fixed in release 08.7.03.
46584	411		08.7.03	MSP40 BRS RSPE GRS1020_10 30	Device executes automatic firmware update though the function "Software autoupdate" is disabled.	-	Fixed in release 08.7.03.
46672	412	08.1.00	08.7.03		Wrong and inconsistent VLAN membership information is provided LLDP.	-	Fixed in release 08.7.03.
46232	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.
46587	414	08.6.00	08.7.03		MRP configuration not displayed anymore when SFP is removed.	-	Fixed in release 08.7.03.
44218	415	02.0.00	07.5.00	OS2	GSDML files for and devices with two uplinks are incorrect.	-	Fixed in release 08.7.03.
46752	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.
46780	417		08.7.03		Security improvements.	-	Fixed in release 08.7.03.
46768	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.
46700	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.
46916	420	08.0.00	08.7.03	DRAGON	Routing issues after restart in big multicast routing topologies.	-	Fixed in release 09.0.07.
46922	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.
46544	422	07.1.00	08.7.03	DRAGON	Reboot due to heap memory corruption with specific configuration.	-	Fixed in release 08.7.03.
46645	423	08.6.00	08.7.03	MSP40 GRS1040 DRAGON	Sporadic unexpected reboot event.	-	Fixed in release 08.7.03.
46726	424	07.2.02	08.7.03	DRAGON	Configuration lost after upgrading to v08.6.01	-	Fixed in release 08.7.03.
46729	425	07.0.00	08.7.03	All	IGMPv3 membership reports with multiple group records are ignored.	-	Fixed in release 08.7.03.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
46660	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.
46736	427	06.1.02	08.7.03		High CPU load in RCP environment with IGMP snooping enabled	-	Fixed in release 08.7.03.
46225	428	07.0.00	07.1.05	GRS1020_1030	Learning bit is lost on some ports.	-	Fixed in release 07.1.05.
46422	429	07.1.01	07.1.05	RSPL RSP	Errors in web interface occurring when a saved script file from version 07.1.01 is loaded.	-	Fixed in release 07.1.05.
46294	430	01.0.00	07.1.05		GRS1030 opens blocked MRP port when receiving too many broadcasts.	-	Fixed in release 07.1.05.
45938	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.
47011	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.
47012	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 non existing vlan's.	Fixed in release 08.7.04.
46997	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.
46980	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.
46561	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.
47044	437	08.7.03	08.7.04	MSP30 MSP40 BRS RSP RSPE RDD GRS1040 DRAGON	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.
47001	438	08.3.00	08.7.04	MSP30 MSP40 RSP RSPE RDD GRS1040 DRAGON OS2 OS3	Show running config output does not show source and destination addresses of DiffServ class map.	-	Fixed in release 08.7.04.
46936	439	08.7.02	09.0.00	MSP30 GRS1040	Device reboots if storm control rate limit is set to 1pps.	-	Fixed in release 09.0.00.
47031	440	09.0.00	09.0.00	DRAGON	Improved Dragon CPU utilization.	-	Fixed in release 09.0.00.
47051	441	01.0.00	09.0.00	RSPE	Negative PDelay values on Copper SFPs when using PTP.	-	Fixed in release 09.0.00.
46904	442	08.7.00	09.0.00	BRS	ACA not detected after reboot in v08.7.02.	-	Fixed in release 09.0.00.
47063	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.
46762	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.
46764	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.
46783	446	08.7.02	09.0.00		Inconsistent handling of "protocol" in "show running config" for ACL rules.	-	Fixed in release 09.0.00.
46784	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.
46625	448	08.2.00	08.7.00	BRS	Security improvements.	-	Fixed in release 08.7.00.
46705	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.
46998	450	---	09.0.00	MSP40 GRS1040 OS3	Multicast routing devices might reboot when doing a multicast boundary config.	-	Fixed in release 09.0.00.
46551	451	01.0.00	09.0.00		SNTP server do not have a configurable interface.	-	Fixed in release 09.0.00.
45839	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.
46743	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
46745	454	01.0.00	09.0.01	RSP	PTP peer delay messages sent without HSR tag.	-	Fixed in release 09.0.01
47148	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.
46955	456	---	---	GRS1040	Loop after inserting SFP with fiber plugged in a disabled port.	-	Fixed in release 08.7.03.
47069	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
46206	458	08.1.00	09.0.01		ACA31 not recognised when plugged in.	-	Fixed in release 09.0.01
47136	459	---	---	BRS	BRS reboots in seldom cases in a Profinet environment.	-	Fixed in release 09.0.02.
47143	460		09.0.02	OS3	PoE devices sporadically fail after a few hours of operation.	-	Fixed in release 09.0.02.
47034	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.
46900	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.
46990	463	08.7.02	09.0.02	GRS1040	Ring Coupling Partner information was not correctly displayed.	-	Fixed in release 09.0.02.
47105	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.
47265	465	01.0.00	09.1.00	All	SSL vulnerability CVE-2022-0778.	-	Fixed in release 09.1.00.
47018	466	08.0.00	09.0.02		GRS1040 rebooted due to task suspended.	-	Fixed in release 09.0.02.
47020	467	08.7.02	09.0.02	RSP	Gateway address cannot be set in webif.	-	Fixed in release 09.0.02.
46935	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.
47280	469		09.0.03 07.1.06	RSP RSPE RED OS2	In some HSR-PRP scenarios duplicate traffic packets can be detected.	-	Fixed in releases 07.1.06 and 09.0.03.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
47147	470	03.0.00	07.1.06	RSPL GRS1020_10 30 GRS103 EESX	In SNTP broadcast traffic conditions, the MRP ring manager can open one blocked port.	-	Fixed in release 07.1.06 and 09.1.00.
47487	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.
47009	472	07.0.00	07.1.06	GRS1020_10 30	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.
43813	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.
47468	474	09.0.00	09.0.03		SNTP broadcast VLAN cannot be configured from the web interface.	-	Fixed in release 09.0.03.
47231	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.
47311	476	07.6.00	09.0.03	RSPE OS2 3S	On some devices, Ethernet/IP connections are handled only on the management interface.	-	Fixed in release 09.0.03.
47521	477		09.0.03		In some PRP networks, duplicate frames would not be discarded.	-	Fixed in release 09.0.03.
47525	478	09.0.00	09.0.03	MSP40	Routing interfaces cannot be deleted from the web interface.	-	Fixed in release 09.0.03.
47538	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.
44862	480	07.0.00	09.0.03	MSP30	MRP ports disabled by the port monitor do not recover.	-	Fixed in release 09.0.03.
47399	481	08.6.01	09.0.03		Packets get duplicated in a network with RSTP over HSR.	-	Fixed in release 09.0.03.
47279	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.
47212	483	01.0.00	09.1.00	All	Multiple vulnerabilities in libexpat.	-	Fixed in release 09.1.00.
47451	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.
47455	485	09.1.00	09.2.00	RSPE OS2	In some rare scenarios, DLR recovery times are higher than expected and up to 20ms.	-	Fix planned in future release.
47224	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.
47749	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.
47047	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.
47503	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.
47241	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.
47528	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.
47659	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.
47180	493	09.0.00	09.1.00		In some scenarios the SNTP client cannot be enabled anymore.	-	Fixed in release 09.1.00.
45636	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.
47088	495	07.4.00	09.1.00	BRS	DOT1x VLAN assignment is not working.	-	Fixed in release 09.1.00.
47185	496	07.4.00	09.1.00	All	Multiple vulnerabilities in BusyBox.	-	Fixed in release 09.1.00.
47556	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.
49810	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.
47426	499		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.
47702	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.
47836	502	---	---	GRS103	When manually shutting down a port of the module M1-8MM-SC or M1-8SM-SC the partner port sill shows a link.	-	No fix planned
47811	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 a the device was rebooted.	-	Fixed in release 09.2.00.
47833	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.
47457	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.
47223	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.
47762	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.
47881	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.
47890	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.
47800	510	08.6.00	09.0.04		Filesystem may get corrupted after many power down / power up cycles.	-	Fixed in release 09.0.04.
47807	511	08.7.02	09.0.04		Unable to disassociate the WebInterface from the defaultLoginAuthList in CLI.	-	Fixed in release 09.0.04.
47729	512	08.6.00	09.0.05	MSP30 MSP40 BRS BXS RSP RSPE GRS1040 GRS105_106 OS2 OS3 OS8TX	DCP communication is blocked as soon as IGMP Snooping is enabled.	-	Fixed in release 09.0.05.
47831	524	09.1.00	09.2.00	All	ACL established parameter automatically adds "-fin".	-	Fixed in release 09.2.00.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
47926	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.
47932	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.
47862	527	09.1.00	09.2.00	All	Device reboots if changing the Ring/Network Coupling mode.	-	Fixed in release 09.2.00.
47938	528	09.1.00	09.2.00	All	RSPAN destination port is looping ipv6 neighbor advertisements.	-	Fixed in release 09.2.00.
47955	529	08.7.03	09.2.00	BRS	Device reboot if the link is lost on BRS.	-	Fixed in release 09.2.00.
47956	530	09.1.00	09.2.00	BRS	IGMP loop on BRS in HiOS 09.1.00.	-	Fixed in release 09.2.00.
48096	531	08.5.00	09.2.00	BRS	Storm control on BRS does not work on ports > 13.	-	Fixed in release 09.2.00.
47993	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.
48013	533	09.1.00	09.2.00	BRS GRS105_106	High recovery times in MRP Subrings with BRS.	-	Fixed in release 09.2.00.
48063	534	09.1.00	09.2.00	MSP40	Denial of service vulnerability in OPC UA implementation.	-	Fixed in release 09.2.00.
47908	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.
48089	536	06.0.00	09.2.00	MSP40 BRS BXS GRS1020_1030 GRS1040 GRS105_106 GRS103 OS3 OS&TX	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.
47830	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.
47949	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.
47950	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.
48083	540	09.0.04	09.0.06	DRAGON	Mach4500 (Dragon-808) doubles the IGMP queries.	-	Fixed in release 09.0.06.
47912	541		09.0.06		Improved HSR performance on high packet load.	-	Fixed in release 07.1.08 and 09.0.06.
48199	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.
48276	543	01.0.00	08.7.06	All	Security improvements.	-	Fixed in release 09.2.00.
48029	544	09.1.00	09.4.00	All	SNTP Server disabled after reboot, if ipv6 was disabled.	-	Fixed in release 09.4.01.
48034	545	09.0.00	09.4.00	2A 3S 3A	In the extended ACL rule, IP protocol becomes UDP when the rule is applied.	-	Fixed in release 09.0.07 and 09.4.01.
48138	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.
48140	547	08.7.00	09.4.00	BRS BXS OS&TX	DOS Protection still filters packets on BRS, BXS and Octopus 8TX although it is administratively disabled.	-	Fixed in release 09.4.01.
48238	548	03.0.00	09.4.00	All	PTP does not measure delay on the highest port number.	-	Fixed in release 09.4.01.
48253	549	09.1.00	09.4.00	All	Wrong Radius guest user mapping.	-	Fixed in release 09.4.01.
48161	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!
48168	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.
48180	552	09.1.00	09.4.00	RSP RSPE OS2	Priority setting lost on HSR interface after reboot.	-	Fixed in release 09.4.01.
48182	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.
48245	554	09.1.00	09.4.01	MSP40 GRS1040 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.
48356	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.
48263	556	08.3.00	09.4.01	BRS BXS OS&TX	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.
48372	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.
48279	558	09.2.00	09.4.01	RSPE OS2	Fast MRP recovery times on link up are in the range of 290ms instead of 10ms.	-	Fixed in release 09.4.01.
48403	559	09.4.01	09.4.02	MSP40 RSP RSPE OS2 OS3 OS&TX	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.
48137	560	04.0.00	09.0.07	3S 3A	VRRP does not take over the master role for the configured secondary IP addresses.	-	Fixed in release 09.0.07.
49887	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.
48512	562	09.2.00	09.4.02	RSP RSPE OS2	The device reboots with 'LED task not executed' in the system log.	-	Fixed in release 09.4.02.
47656	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.
48546	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
48409	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.
48331	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.
46963	567		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.
44823	568	07.0.00	07.1.08	RSPS RED EES	Static MAC filters are not applied after reboot of the device.	-	Fixed in release 07.1.08.
47957	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.
47895	570	07.1.00	07.1.08	GRS1020_10 30	HiDiscovery frames are forwarded to other VLANs and could cause a loop.	-	Fixed in release 07.1.08.
47900	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.
49896	572	07.1.00	07.1.08	All	Several vulnerabilities were fixed by updating openssl to version 1.0.2zi.	-	Fixed in release 07.1.08.
46933	573		07.1.11	All	Fixed "Integer Overflow or Wraparound (BadAlloc)" vulnerability.	-	Fixed in release 07.1.10 and 09.0.10
48592	573	07.1.00	07.1.09	GRS1020_10 30	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.
48795	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.
48579	575	09.2.00	09.4.03	MSP40 GRS1040	For some device variants Profinet Application Relation could not be established.	-	Fixed in release 09.4.03.
48320	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.
48413	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.
49902	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.
48622	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.
48640	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.
45181	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.
48442	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.
48550	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.
48628	584	08.7.03	09.0.08	DRAGON	After reboot sometimes virtual VRRP interfaces are not accessible.	-	Fixed in release 09.0.08.
48708	585	09.0.00	09.0.11	DRAGON	If multiple VLAN routing interfaces and proxy-arp are configured, the device sporadically does not boot.	-	Fixed in release 09.0.08.
48716	586	08.0.00	09.0.08	OS3	PoE fast-startup feature is not working correctly.	-	Fixed in release 09.0.08.
48758	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.
48799	588	09.0.00	09.0.08	3S 3A	Adding more than 10 virtual links to an OSPF area is not possible.	-	Fixed in release 09.0.08.
48981	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.
48947	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.
48966	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.
48978	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.
49036	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.
46552	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.
47188	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.
47234	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.
47248	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.
47905	599	09.1.00	10.0.00	RSP RSPE GRS105_106 OS2	Some RSPAN settings sometimes get lost after reboot.	-	Fixed in release 10.0.00.
47954	600	---	---	All	busybox component was updated to fix several possible vulnerabilities.	-	Fixed in release 10.0.00.
48041	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.
48042	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.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
48069	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.
48141	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.
48163	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.
48187	606	07.0.07	10.0.00	RSP RSPE OS2	Supervision frames are not flooded on regular ports in HSR to PRP coupling.	-	Fixed in release 10.0.00.
48293	607	09.2.00	10.0.00	RSP	Port mirroring on Link aggregation does not work after reboot.	-	Fixed in release 10.0.00.
48410	608	09.2.00	10.0.00	RSP RSPE OS2	Error message in the web based interface when trying to configure PRP or HSR.	-	Fixed in release 10.0.00.
48538	609	07.2.00	10.0.00	MSP40 GRS1040 OS3	Flow-control is not functioning correctly on certain devices.	-	Fixed in release 10.0.00.
48539	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.
48599	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.
48617	612		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
48730	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 do be disabled.	-	Fixed in release 10.0.00.
48736	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.
48793	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.
48809	616	09.6.00	10.0.00	All	Sometimes the device freezes or reboots when using IEC61850.	-	Fixed in release 10.0.00.
48812	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.
48815	618	07.4.00	10.0.00	BRS	Devices sometimes freezes if a defective SFP is plugged.	-	Fixed in release 10.0.00.
48868	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.
48890	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 and 09.0.11.
48906	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.
48946	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.
48953	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
48964	624	08.1.00	10.0.00	MSP40 BRS BXS BXP BRP RSP RSPE GRS1040 GRS105_106 GRS103 GRS2000 DRAGON OS2 OS3 OS8TX BRSE	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.
48996	625	04.5.00	10.0.00	All	Internal component libexpat updated, as a security measure.	-	Fixed in release 10.0.00.
49000	626	01.0.00	10.0.00	RSP RSPE RDD OS2	A firmware with CRC errors as backup image is shown as valid.	-	Fixed in release 10.0.00.
49002	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.
49028	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.
49037	629	10.0.00	10.0.00	BRS RSP OS8TX	The GSDML generated by the device has errors on some of the variants.	-	Fixed in release 10.0.00.
48373	630	09.2.00	09.7.00	RSP RSPE OS2	The MTU of PRP and HSR resets to 1518 after a reboot.	-	Fixed in release 10.0.00.
47233	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.
48234	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.
48509	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
48598	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.
49900	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.
48922	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.
49108	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.
48935	639	---	09.6.01		2 parallel RCP networks do not run under all conditions.	-	Fixed in releases 09.6.01.
49010	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



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
47791	641	09.0.03	09.0.09	GRS1040	Port security table does not contain all MAC address entries.	-	Fixed in 09.0.09
48194	642	01.0.00	09.0.09	GRS1040	GRS1042 module displayed wrong - LC instead of SC	-	Fixed in 09.0.09
48638	643	09.0.00	09.0.09	3A	In some PIM-SM scenarios stucked streams are observed.	-	Fixed in 09.0.09
48706	644	09.0.07	09.0.09	MSP30	MSP30 might crash by changing 802.1x port settings	-	Fixed in 09.0.09
48742	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
48765	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
49039	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
49096	648	09.0.08	09.0.09		Several vulnerabilities were fixed by updating openssl to version 1.1.1za.	-	Fixed in 09.0.09
49100	649	01.0.00	10.1.00	All	Security improvements by updating expat to version 2.6.3.	-	Fixed in release 10.1.00.
49047	650		10.2.00	All	In some scenarios device is not responding to PN_DCP ident requests.	-	Fixed in HiOS 10.2.00
49208	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
48687	652	09.4.02	10.0.01	All	CPU average load not calculated on the last 30 min.	-	Fixed in HiOS 10.0.01
49049	653	09.4.02	10.0.01	RSP	SFP data temperature and power data sometimes not readable.	-	Fixed in HiOS 10.0.01
49058	654	09.1.00	10.0.01	RSP	Sporadically MRP test frame timeout in sub-rings when snmp is active.	-	Fixed in HiOS 10.0.01
49070	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
49074	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
49121	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
49145	658	10.0.01	10.0.01	MSP40	Vlan configuration missing on MSP module (T1T1T1T1XXXX) after update to new version.	-	Fixed in HiOS 10.0.01
49195	659	10.0.00	10.0.01	All	Device reboots when ACL with index 999 is created	-	Fixed in HiOS 10.0.01
48615	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
48724	661		09.0.10	All	Running config might be incomplete/empty when downloaded.	-	Fixed in HiOS 09.0.10 and 10.2.01
48949	662		09.0.10	All	DRAGON as DHCP L3 relay does not relay some end device packets.	-	Fixed in HiOS 09.0.10
49225	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
49092	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.
49102	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.
49199	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 and 09.0.11.
49200	668	10.0.00	10.3.00	3S 3A	Every time an OSPF link is disconnected and reconnected, the number of active routes increase.	-	Fixed in release 10.3.00 and 09.0.11.
49206	669	09.1.00	10.3.00	RSP	RCP master does not respect VLAN membership in all cases.	-	Fixed in release 10.3.00
49224	670		10.3.00	All	OPC-UA Server changes the Nodell every time a switch is rebooted.	-	Fixed in release 10.3.00.
49246	671	10.0.00	10.3.00	BRS GRS105_106	Profinet: The following device variants could not be integrated in TIA portal: BRS20-24009999,"BRS40-00209999",BRS41-00240000, BRS51-0020QTQT, BRS51-0024QTQT, GRS105-6F8T16T.	-	Fixed in release 10.3.00.
49247	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.
49267	673	09.1.00	10.3.00	All	Unstable Sub-ring when configured on a MRP Ring manager.	-	Fixed in release 10.3.00.
49276	674	09.0.00	10.3.00	MSP40 RSP RSPE GRS1040 OS2 OS3	The vlan-unaware-mode does not work after rebooting.	-	Fixed in release 10.3.00.
49770	675	09.1.00	10.3.08	3S 3A	Link Down notification for HiVRRP is sent with errors.	-	Fixed in release 10.3.00.
49286	676	09.1.00	10.3.00	All	SNTP Server replies with incorrect IP address.	-	Fixed in release 10.3.00.
49325	677	10.0.00	10.3.00	RSP RSPE OS2	PRP supervision frames are not sent in all VLANs.	-	Fixed in release 10.3.00.
49364	678	09.0.00	10.3.00	3S 3A	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.
49368	679	10.1.00	10.3.00	All	Library libexpat updated to version 2.7.1.	-	Fixed in release 10.3.00.
49372	680	10.2.00	10.3.00	BRS	TACACS+ might expose sensitive data if used unencrypted.	-	Fixed in release 10.3.00.
49377	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.
49381	682	---	---	OS2	Starting with Hardware revision 2 copper cable test will not work any more on ports 1/5-1/28.	-	No fix planned.
49414	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.
49358	684	09.1.00	09.6.00	MSP40 GRS1040 DRAGON 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.
49429	686	01.0.00	10.3.01	All	DHCP Server Bugfix to prevent a device reboot in rare cases. Rare impact: device reboot	-	Fixed in HiOS 10.3.01
49448	687	10.3.00	10.3.01	GRS105_106	2.5 GBit/s not possible on port group II copper ports. Customer impact: 2.5 GBit/s was not useable.	-	Fixed in release 10.3.01
49336	688	09.0.08	09.0.11	DRAGON	During high CPU load situations, device might become unreachable, config save to device can take longer duration, VRRP master backup switchover might occur.	-	Fixed in release 09.0.11



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
49254	689	09.0.00	09.0.11		DLR with VLAN 0 and/or VLAN unaware mode generates a loop with FW starting from 9.x.x.	Use a dedicated VLAN (not 0) for DLR packets.	Fixed in release 09.0.11
47285	690	08.5.00	09.1.00	BRS	In rare scenarios MAC address learning is interrupted and causes a partly loss of network connections	-	Fixed in HiOS 09.1.00
48321	691	09.2.00	09.5.00	BRS	In rare cases, MAC address learning is slowed down.	-	Fixed in HiOS 09.5.00
49323	692	10.0.00	10.3.02	BRS 2S	In High Port variants of BRS, high CPU load can lead to some ProfiNet IO packet drops and cause AR break.	-	Fixed in HiOS 10.3.02
49535	693	01.0.00	10.3.02	All	In some scenarios with DHCP snooping enabled, DHCP ACK packets are duplicated which cause unnecessary traffic.	-	Fixed in HiOS 10.3.02
49585	695	10.0.00	10.3.02	BRS BXS GRS103 OS&TX	After update to version 10.x.xx and applying restart, some devices might keep on booting. Customer impact: device will not be useable and needs to be replaced.	-	Fixed in HiOS 10.3.02
49329	696	10.0.00	10.3.02	BRS GRS105_106	Unintended diagnostic messages in ProfiNet environment when MRP is used. Customer impact: wrong message shown on TIA Portal and PLC Error.	-	Fixed in HiOS 10.3.02
49382	697	10.2.00	10.3.02	BRS	Loop detection does not detect loop in a VLAN. Customer impact: loop detection fail safe not available.	-	Fixed in HiOS 10.3.02
49774	698	10.0.00	10.3.08	BRS	Existing management connections are not terminated after loading script file and would require re-login.	-	Fixed in HiOS 10.3.02
49427	699	09.1.00	10.0.00	BRS GRS105_106	Some MAC addresses are not released after clear mac-add-table command. Customer impact: unnecessary traffic is generated.	-	Fixed in HiOS 10.3.02
49430	700	09.1.00	10.3.02	RSPE GRS105_106	In some specific cases default route does not take effect.	Use specific routes.	Fixed in HiOS 10.3.02
49517	701	10.1.01	10.3.02	BXP BRP GRS2000	In loop situation device might freeze and needs to be rebooted by power cycle.	-	Fixed in HiOS 10.3.02.
49523	702	05.0.01	10.3.02	MSP30 MSP40 BXP BRP RSP RSPE RDD GRS1040 GRS105_106 GRS2000 DRAGON OS2 OS3	IGMP snooping prevents VRRP multicasts to be forwarded. Customer impact: routing may be impacted.	-	Fixed in HiOS 10.3.02
49631	704	10.0.00	10.3.03	BRS BXS GRS103 OS&TX	An update to HiOS 10.3.02 could cause permanent device failure if the secure-boot function was enabled.	-	Fixed in release 10.3.03. For Detailed instruction for the update, perform the steps described in the file Important_update_instructions_10.3.03.txt
49681	705	10.3.02	10.3.03	All	Remote authentication (e.g. Radius) is not possible for the graphical user interface.	-	Fixed in release 10.3.03.
49625	706	04.0.00	10.3.03	GRS1040	OSPF stability issues leading to reboot.	-	Fixed in release 10.3.03.
49641	707		10.3.03	MSP30 MSP40 GRS1040 GRS105_106 GRS2000 DRAGON OS3 3A	OSPF fragmented Link State Advertisements are limited.	-	Fixed in release 10.3.03. Further improved in release 10.3.07. Please refer to User Manuals for OSPF fragmented Link State Advertisements limits.
49654	708	10.3.01	10.3.03	RSP RSPE GRS105_106 GRS2000 OS2	Version 10.3.xx crashes if VLAN-unaware mode is enabled.	-	Fixed in release 10.3.03.
49728	709	09.0.00	10.3.03	GRS103	It is possible that the firmware on the device could deteriorate over time.	-	Fixed in release 10.3.03.
49020	710	09.7.00	10.3.04	All	After a user logs out, the login page style might not remain conformed to design.	Refresh the login page.	Fixed in release 10.3.04.
49453	711	10.3.00	10.3.04	RSPE	Inserting SFP modules effects PTP accuracy.	-	Fixed in release 10.3.04.
49478	712	10.0.00	10.3.04	All	SNMP Engine ID cannot be read by guest user role.	-	Fixed in release 10.3.04.
49738	713	10.3.01	10.3.04	BRS BXS	BRS: No link establishment on the fixed Fiber Transceivers (SC connectors) ports. If the ports are used as uplinks, the device becomes unreachable. BXS: M12 ports are displayed as RJ45 ports.	-	Fixed in release 10.3.04
47691		07.1.00	10.3.06	RSP RSPE OS2	PTP delay packets were sent without VLAN tags in combination of HSR.	-	Fixed in release 10.3.06.
48649		09.4.00	10.3.07	All	PoE fast startup might disable PoE completely after reboot.	-	Fixed in release 10.3.07.
49423		10.0.00	10.3.06	BRS GRS105_106	PLC Station failure seen with unplug of cable in MRP Ring, leading to PNIO AR failures.	-	Fixed in release 10.3.06.
49772		10.1.00	10.3.06	3S 3A	Minor improvements in Web UI Routing interface wizard.	-	Fixed in release 10.3.06.
49776		01.0.00	10.3.07	BRS	High CPU load in case Profinet is enabled.	-	Fixed in release 10.3.07.
49777		10.0.00	10.3.07	BRS	LLDP packets might be dropped when VLAN Ingress filtering is enabled.	-	Fixed in release 10.3.07.
49781		09.0.10		GRS1040	Improvement in configuration script loading.	-	To be fixed in future release.
49791		10.3.00	10.3.06	BRS	Port monitoring overload detection: sometimes wrong load values are displayed in kbps.	-	Fixed in release 10.3.06.
49986		10.3.03	10.3.06	BRS	During the power-up sequence of the BRS device without uplink ports, certain PoE ports did not initialize correctly and remained inactive.	-	Fixed in release 10.3.06.
50033		10.0.00	10.3.07	All	MRP convergence time exceeds the 200 ms specification when Port Security is enabled globally.	-	Fixed in release 10.3.07.
50102		10.0.00	10.3.07	All	ACL rules might block UDP traffic completely, even if additional filter criteria is defined.	-	Fixed in release 10.3.07.
50131		10.0.01	10.3.07	RSP RSPE OS2	Boot time optimization.	-	Fixed in release 10.3.07.



ID	Old ID	Since	Fixed in	Variant	Description	Workaround	Correction
50162		10.3.06	10.3.07	MSP30 MSP40 BRS BXS GRS1040 GRS105_106 OS3	NAND Flash detection can fail under certain circumstances and device may not boot after power cycle.	-	Fixed in release 10.3.07.
50183		10.0.00	10.3.07		If IGMP snooping is enabled, mirrored traffic into RSPAN VLAN doesn't contain multicast packets.	-	Fixed in release 10.3.07.
50197		09.0.02	10.3.07	RSP RSPE	DLR Last Status Change attribute value not accurate.	-	Fixed in release 10.3.07.
50216		10.3.06	10.3.07	All	Stack overflow may occur under certain DOS configurations, causing a boot loop.	-	Fixed in release 10.3.07.