



## DRS Software Release Notes Merlin4700/GW6650V Series

Release DRS-25.03.43.021

<b>Hardware Models</b>	GW6650; Merlin4700; Merlin4750 Series
<b>Revision</b>	1.00.06
<b>Approval status</b>	Approved
<b>Date:</b>	26 April 2024
<b>Brief description</b>	Details the release of system software DRS-25.03.43.021 for GW6650; Merlin4700 and Merlin4750 Series

## Revision history

<b>Date</b>	<b>Revision</b>	<b>Description</b>
21 October 2022	1.00.00	Release notes for DRS-25.03.01.000
25 November 2022	1.00.01	Release notes for DRS-25.03.05.000
23 March 2023	1.00.02	Release notes for DRS-25.03.23.000
27 March 2023	1.00.03	Release notes for DRS-25.03.23.002
11 May 2023	1.00.04	Release notes for DRS-25.03.33.004
25 September 2023	1.00.05	Release notes for DRS-25.03.43.007
26 April 2024	1.00.06	Release notes for DRS-25.03.43.021

<b>1</b>	<b>DRS-25.03.43.021 Release statement</b>	<b>4</b>
1.1	Firmware information	4
1.2	Hardware platforms	4
<b>2</b>	<b>Mobile module support</b>	<b>4</b>
2.1	5G modules	4
2.2	LTE modules	4
<b>3</b>	<b>Security patches/module firmware upgrades</b>	<b>5</b>
<b>4</b>	<b>New features</b>	<b>5</b>
<b>5</b>	<b>Deprecated features</b>	<b>5</b>
<b>6</b>	<b>Known issues</b>	<b>6</b>
<b>7</b>	<b>Problems resolved</b>	<b>6</b>
<b>8</b>	<b>Appendix 1: New features history</b>	<b>8</b>
8.1	25.03.43.007	8
8.2	25.03.33.004	9
8.3	25.03.23.002	9
8.4	25.03.23.000	9
8.5	25.03.05.000	10
<b>9</b>	<b>Appendix 2: Problems resolved history</b>	<b>11</b>
9.1	25.03.43.007	11
9.2	25.03.33.004	12
9.3	25.03.23.002	13
9.4	25.03.23.000	13
9.5	25.03.05.000	15

# 1 DRS-25.03.43.021 Release statement

DRS-25.03.43.021 has formally passed internal acceptance and regression testing and is available for general release on hardware platforms as stated below.

## 1.1 Firmware information

Filename	Size (bytes)	Build Date	Checksum (md5)
DRS-25.03.43.021.k02.image	15,085,568	26/04/2024	03ed52276b7e7942a77f63e1cc38b279

## 1.2 Hardware platforms

Hardware model	Details
GW6650V	VDSL2/ADSL2+, Dual SIM LTE/LTE M, 5xGigE Ethernet interface, TPM and secure boot. Optional second LTE, WiFi
Merlin4700	Industrial VDSL2/ADSL2+, Dual SIM LTE/LTE-M, 4xGigE Ethernet interface, 2xSerial, 6xDI, 2xDO, TPM and secure boot
Merlin4750	Industrial VDSL2/ADSL2+, Dual SIM 5G, 4xGigE Ethernet interface, 2xSerial, 6xDI, 2xDO, TPM and secure boot

# 2 Mobile module support

## 2.1 5G modules

Firmware	Vendor	Module	Region	3G	LTE	5G
25.03.43.021	Quectel	RM520N-GL	Global	1,2,4,5,8,19	LTE-FDD: 1,2,3,4,5,7,8,12,13,14,18,19,20,25,26,28,29,30,32, 66,71 LTE-TDD: 34,38,39,40,41,42,43,48,	1,2,3,5,7,8,12,13,14,18,20,25,26,28,29,30,38,40,41,48,66,70,71,75,76,77,78,79

## 2.2 LTE modules

Firmware	Vendor	Module	Region	Cat	2G	3G	LTE
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<b>25.03.43.021</b>	SIMCOM	WP7609G-H	-	4	850/900/ 1800/1900	1,2,4,5,6,8,19	LTE-FDD: 1,2,3,4,5,7,8,12,13,18,19,20,25,26,28,66 LTE-TDD: 34,38,39,40,41
<b>25.03.01.000</b>	Quectel	EG25G	Global	4	-	1,2,4,5,6,8,19	1,2,3,4,5,7,8,12,13,18,19,20,26,28,38,39,40,41
	SIMCOM	SIM7070E		M	850/900/ 1800/1900	-	1,2,3,4,5,8,12,13,14,18,19,20,25,26,27,28,31,66,72,85

### 3 Security patches/module firmware upgrades

Firmware	Module	Description	CVE identifier	Mantis
<b>25.03.43.007</b>	console	Automatically log out console sessions after 30 mins if inactivity		6884
<b>25.03.23.000</b>	telnetd	Remove telnetd support		
	password	Resetting password via web UI now requires input of current password		5261
	SSH	Added grace period after console login failure to disrupt brute force attacks		5853

### 4 New features

General			
Merlin4750	Support for Merlin4750 series		
Power over Ethernet			
PoE port stop/start	Power over an individual Ethernet port can now be stopped and started via the PoE status page on the web UI (Mantis: 6827) web: status->PoE		
Scada			
DNP3 Analog Set point command variation	Added new option for DNP3 Analog Set point command variation		
	Package	Section	Options
	iecd	cmdpoint	dnp3_cmd_variation (def: 0)
Update IEC104 master on DNP3 static variation change	Added new feature to transmit a spontaneous update to IEC104 master on DNP3 static variation value change		
	Package	Section	Options
	iecd	port	dnp3_tx_spont_on_static_change (def: 0)

### 5 Deprecated features

Firmware	Package	Description
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## 6 Known issues

No.	Module	Short Description	Mantis
1.	DSL	Restart of DSL interface not supported using <code>/etc/init.d/dsl restart</code> on GW6650V and Merlin4700 series	
2.	Event System	Event target <code>cmd_template</code> does not escape properly when using double quotes	5736
3.	OSPF	Routing table is not updated correctly with OSPF for dual interfaces	5678
4.	OSPF	When the remote connection (from a remote OSPF peer) is dropped, OSPF crashes intermittently.	5677
5.	Strongswan	Strongswan memory footprint increases slowly with tunnel restart	5866
6.	Syslog	No web UI support for syslog filter rules	3705
7.	TACACS	Option <code>tac_user_template %s@VAR</code> not supported	4502
8.	VRF	Command <code>ip vrf identify</code> to view PID associated with VRF's not working as expected	4210
9.	Web/Management Users	Unable to configure management users via web UI	5503
10.	Web/Multiwan	Unable to configure <code>multiwan.interface.state_transition_hook</code> via the web UI	5433
11.	Web/SNMP	Unable to configure SNMP alias index for a roaming template via the web UI	3166

## 7 Problems resolved

No.	Module	Short Description	Mantis
1.	IECD	Fix clock sync time in IEC101 <code>force_clock_sync</code> to use local time instead of UTC	7208
2.	IECD	Fixed issue with IEC104 clock synchronization on conversion from CP56TIME2A to time format where memory was not being cleared correctly	
3.	IECD	Improvements for Analog Input integer to float conversion for IEC104 to DNP3	
4.	Mobile	Added a module reboot after executing a factory reset of the Unitac module	
5.	Mobile	Added an extra delay before issuing the AT command to switch the Unitac modules into ECM mode.	
6.	Mobile	Ensure PDP context is deactivated before attempting to establish connection to avoid issue with connection attempt	7168
7.	Mobile	Ensure Unitac module comes back in ECM/VLAN mode after factory reset	
8.	Mobile	Fix detection of Quectel RM520N 5G mobile module running latest module firmware (RM520NGLAAR01A07M4G)	
9.	Mobile	Fix Quectel RM520N restart after switching to QMI mode	7243
10.	Mobile	Fix selection of bands above band 63 for SIMCom7600G-H	7356
11.	Mobile	Record Unitac AUX antenna values regardless of MIMO state	

<b>12.</b>	Mobile	Use Unitac-specific AT commands AT!UBAND, AT!UTEMP and AT!UREBOOT instead of GCT commands	
<b>13.</b>	PoE	Fix missing event on powered device disconnect	7195
<b>14.</b>	Strongswan	General improvements to memory usage	
<b>15.</b>	Syslog	Fix syslog to use local time instead of UTC	7240
<b>16.</b>	Web/Event System	Support configuration of Event System Digital Input change event input number and value via web UI web: services->va event system->event filters->Input Number cli: va_eventd.forwarding.input_number web: services->va event system->event filters->Input Value cli: va_eventd.forwarding.value	6839
<b>17.</b>	Web/IECD	Added selector lists in place of fixed values where possible	
<b>18.</b>	Web/OSPF	Support configuration of OSPF VRF via web UI web: network->ospf->global settings->VRF cli: ospfd.routing.vrf	6964
<b>19.</b>	Web/PoE	Modifications to a PoE port configuration via the web UI no longer result in the other PoE ports being reset	6827
<b>20.</b>	Web/PoE	Web UI now correctly displays the number of PoE ports available	
<b>21.</b>	Web/PoE Status	Web UI PoE Status enhancements - Fix values table values when device not connected; Add power info; Remove volts and current;	7166 7198 7199
<b>22.</b>	Web/Realtime Graphs	Fix web UI real time graphs for QMI mobile connections web: status->Realtime Graphs	7029
<b>23.</b>	WeConnect	Fix support for WeConnect	6793 7218

## 8 Appendix 1: New features history

### 8.1 25.03.43.007

Certificates								
Check both TPM and flash for certificate key	If the key cannot be found in the location specified in the configuration file, the router will automatically check an alternate location using the following methodology (Mantis: 6820). <ul style="list-style-type: none"> <li>When configured for <b>PEM</b> key and key cannot be found at the configured location, the router will try to use a TPM key with name corresponding to base file name (/etc/uhttpd.key -&gt; "uhttpd").</li> <li>When configured for <b>TPM</b> key and key cannot be found in the TPM, the router will try to use file "/etc/&lt;tpm label&gt;.key"</li> </ul>							
GPS								
GPS MIB support	Added support for <code>VA-GNSS-MIB</code> for retrieval of GPS values							
Mobile								
FOTA support for Unitac modules	Support FOTA upgrade for Unitac modules							
Neighbour cell information	Added display of neighbouring cell information. Currently only supported on Unitac ML620/660 and Quectel EC200x series <code>cli: vam -n</code>							
Multiwan								
Multiwan upper retry limit for roaming interfaces	For 3G roaming connections, and connections with <code>retry_on_first_fail</code> enabled, to avoid getting stuck on one SIM, a new Multiwan configuration parameter defines the maximum number of seconds to stay with an interface after its first failure before proceeding. (Mantis: 6975) <code>cli: multiwan.interface.retry_connection_max_sec (def: multiwan.interface.ifup_timeout_sec)</code>							
Network								
Dummy interface support	Added support for dummy interfaces. Dummy interfaces are real kernel interfaces (unlike alias interfaces) and support all the configuration options of a static interface. Dummy interfaces are useful in combination with VRFs as they can be isolated from general routing.							
Ignore carrier state option	Support new option for static protocol interfaces to ignore carrier state changes. This allows interfaces to stay permanently up even when physical connection is not present (Mantis: 6739)							
	<table border="1"> <thead> <tr> <th>Package</th> <th>Section</th> <th>Options</th> </tr> </thead> <tbody> <tr> <td>network</td> <td>interface</td> <td>ignore_carrier_state (def: no)</td> </tr> </tbody> </table>	Package	Section	Options	network	interface	ignore_carrier_state (def: no)	
Package	Section	Options						
network	interface	ignore_carrier_state (def: no)						
SCADA								



MODBUS to Remote IO protocol conversion	Added support for MODBUS to Remote IO (ioservd) protocol conversions (Mantis: 6886)		
IECD VRF support	VRF support for IECD TCP based protocols (Mantis: 6784)		
	Package	Section	Options
	iecd	port	dnp3_vrf; dnp3s_vrf; iec61850_vrf; iec61850mX_vrf; modbus_slave_vrf; modbus_vrf; modbus1_vrf; mqtt_vrf; iec104m_vrf; iec104m1_vrf;
<b>TPM</b>			
List TPM keys	Support new diagnostic command to list TPM keys <code>cli: tpm-cli listkeys</code>		

## 8.2 25.03.33.004

<b>SCADA</b>			
Serial to UDP multi-point mode	Added support for multiple UDP peers on serial port. Data received on a serial port is transmitted to all peers; data received from any peer is transmitted on the serial port. Up to 8 UDP peers supported (Mantis: 6723)		
	Package	Section	Options
	tservd	port	udpMultiPointOn (def: no); remote_ipX; udpRemotePortX

## 8.3 25.03.23.002

No new features

## 8.4 25.03.23.000

<b>General</b>			
GW6650V external watchdog	Added support for external watchdog on GW6650V hardware (Board machtype MTGR5004)		
<b>Roaming Manager</b>			
Roaming Manager connection retry options	Added new connection retry options for Roaming Manager feature		
	Package	Section	Options
	network	interface	roaming_link_success_time (def: 600 secs); roaming_prefer_best_operator (def: no); roaming_scan_inheritance (def: no)
	multiwan	interface	retry_on_first_fail (def: no)
<b>SCADA</b>			
MODBUS TCP routes	Added support for MODBUS TCP routes (Mantis: 6643)		
	Package	Section	Options
	iecd	mbtcp_route	ifnum; devaddr, ipaddr

IECD104 Slave cyclic transmission	Support for cyclic transmission of data point messages		
	Package	Section	Options
	iecd	port	iecd104_cyclic_on (def: 0)
Transparent mode offline queue	Added support for IEC104 slave offline queue when using transparent mode (no iec104s application layer)		
VRF	Support for binding IEC104 Slave socket to a VRF for isolation from general routing (Mantis: 4802)		
	Package	Section	Options
	iecd	port	iecd104_ip1_vrf; iec104_ip2_vrf; iec104_ip3_vrf; iec104_ip4_vrf; iec104_ip5_vrf; iec104_ip6_vrf;
<b>SIP</b>			
SIP Server support	GW1151-FXS series can now also act as a SIP server (registrar). Note: Cannot be both SIP client and server		
	Package	Section	Options
	asterisk	main	bindaddress; bindport (def:5060)
<b>System</b>			
GNSS time synchronisation	Added support for time update via GNSS. Note: Router requires GNSS capabilities and GNSS is enabled (Mantis: 6229)		
	Package	Section	Options
	system	timeserver	gnss_clock_source_enabled (def: no)

## 8.5 25.03.05.000

<b>SCADA</b>			
TPM key storage support	Added TPM support for TLS based protocols in IEC and Terminal Server (IEC62351-9) (Mantis: 6552)		
	Package	Section	Options
	iecd	port	iecd104_tls_keytype; dnp3s_tls_keytype; modbus_slave_tls_keytype; mqtt_tls_keytype; dnp3_tls_keytype; modbus_tls_keytype; modbus1_tls_keytype; vhma_mqtt_tls_keytype (def: 0 [0=PEM, 1=TPM])
	tserverd	port	tcp_tls_keytype (def: 0 [0=PEM, 1=TPM])

## 9 Appendix 2: Problems resolved history

### 9.1 25.03.43.007

No.	Module	Short Description	Mantis
24.	Activator	Set model URL parameter to uimodel rather than machtype in updates to Activator	6761
25.	BGP	Fix local VRF IP subnet not being advertised over WAN VRF using a BGP instance in the same VRF	6799
26.	CLI	Improve error message for <code>uci show xy</code> when <code>xy</code> does not exist	
27.	DSL	Disabled DSL restart using <code>/etc/init.d/dsl_control restart</code> for Merlin 6650V and Merlin4700 series as not supported	
28.	DSL	Fix generic MAC address assigned to VDSL interface on GW6650V and Merlin 4700 models	6892
29.	DSL	Reduce interface bounce when DSL line conditions change on poor line which could lead to interface not working	6958
30.	DSL	Report correct DSL analogue front end on GW6650V and Merlin4700 models	6802
31.	Ethernet	Add <code>arp-scan</code> utility to DRS, ORK and SXL families for consistency with EDG family  <code>cli: arp-scan -l</code>	5829
32.	Ethernet	Assign correct Ethernet port MAC addresses at startup on GW6650V and Merlin 4700 models	6913
33.	Ethernet	Support configuration of speed/duplex/autoneg on GW6650V and Merlin4700 models	6849
34.	Firewall	Fix variable name clash in zone option presence test causing occasional restart issue	
35.	Firewall	Simplify firewall forwarding within a bridge by avoiding calls to iptables	
36.	Firmware	Prevent downgrade of router firmware to a version that is incompatible with the on board Sierra Wireless module	6878
37.	IECD	Fix IEC104 operation when IEC104 local TCP port configured to '0'	6778
38.	IECD	Fix unwanted Health Point updates during normal master switchover for IEC104 RTU's	6463
39.	IECD	Fixed Modbus master initialisation error when loading TCP routes	6803
40.	IECD	IEC61850 Server: Add conversion from Modbus DI to DPS objects	
41.	IECD	IEC61850 Server: Added mapping of Modbus DI to integer types (INS, etc)	
42.	IECD	IEC61850 Server: Fix error with double init of data points for Modbus master	
43.	IECD	IEC61850 Server: Update points from Modbus RTU when point have not been changed before in addition to when value changed	
44.	Mobile	Ensure ARP is not turned off for the Unitac Ethernet interface causes problems with the firmware upgrade tool.	

45.	Mobile	Ensure NOARP flag is set on mobile Ethernet devices to avoid the ARP table from filling up with entries from the mobile connection	6676
46.	Mobile	Ensure the SMS format is set correctly and interfaces restarted after Verizon provisioning.	
47.	Mobile	Fix handling of 5G status when operating in an 5G SA network	
48.	Mobile	Fix signal strength detection on older Unitac modules	6805
49.	Mobile	Fix to ensure the Verizon attach APN is set correctly	
50.	Mobile	Only restart interfaces when Network Initialisation was indicated in OMADM	
51.	Mobile	Switch to AT!GSTATUS to retrieve signal information for Unitac modules	
52.	OpenVPN	Fix privileges in OpenVPN to allow automatic restarts and fix open SSL errors in WeConnect	6793
53.	SNMP	Correct vaUciMib implementation so that it matches the previous implementation	6903
54.	SNMP	Fix SNMP configuration using TCP protocol	5930
55.	SNMP/GPS	Fix GPS heading in MIB from degrees to micro degrees	6901
56.	System	Fix issues when config files have execute permissions set and configuration audit is enabled	
57.	System	Ping internal watchdog every second to reduce unwanted resets on hardware without an external watchdog (machtype MTGR5002)	5930
58.	VLAN	Fix VLAN bridging on Merlin and GW6650V models	6768 6844
59.	VLAN	Fix VLANs on WAN Ethernet port	6994
60.	Web	Fix error message typo when SSL subsystem fails to initialise	
61.	Web	Fix slow web SSL access when using keys from TPM	6734
62.	Web	Print openssl errors when init, cert load or key load fail	
63.	Web/ Interfaces	Avoid restarting all interfaces when adding new interface via web UI	6922 6923
64.	Web/ Network	Fix broken <code>ifstatus</code> preventing web UI from operating correctly on GW6650V and Merlin4700 models	6921
65.	Web/Cwatch	Fix display of bridge interface on Cwatch interface list	6824
66.	Web/Firewall	Fix summary page showing rules with <code>option enabled '1'</code> in configuration file as disabled	6765
67.	Web/HTTP Server	Support configuration certificate keys in TPM <code>web: services-&gt;http server-&gt;Certificate Key Format</code> <code>cli: uhttpd.uhttpd.keytype [PEM TPM]</code>	6756
68.	Web/Mobile	Correct display of mobile interface type on web UI interface overview page	6787
69.	Web/SCADA	Moved COSEM HDLC Bridge configuration from Services to SCADA tab	6781
70.	Web/Status	Add download button for kernel and system log <code>web: status-&gt;System Log</code> <code>web: status-&gt;Kernel Log</code>	6794
71.	Web/System	Restore javascript validation preventing underscores in system hostname	4555

## 9.2 25.03.33.004

No.	Module	Short Description	Mantis
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1.	Cwatch	Fix cwatch using cached interface values rather than current values which caused cwatch to intermittently miss state changes	6784
2.	DSL	Added support for low level DSL diagnostics cli: dsl cmd	
3.	DSL	Fix DSL crash that could occur when disconnecting and reconnecting DSL line	6682 6698
4.	DSL	Use VDSL firmware v8.13.1.12.1.7 to fix operation on retransmission enabled lines	
5.	Ethernet	Fix Ethernet port separation when removing port from bridge	6744 6749
6.	IECD	Improve debugging of IEC61850 client when processing control commands	
7.	Mobile	Rename 'phone number' to 'MSISDN' in mobile stats	
8.	Network	Fix non-auto interfaces staying UP when VDSL link lost	
9.	VRF	Fix DNAT behaviour for alias interface within VRF	6705
10.	Web/ IPsec	Fix error on saving of configuration general section	6281
11.	Web/ Network	Show colour codes for interface status in network overview	6536
12.	Web/ OpenVPN	Automatically add and remove OpenVPN network interfaces	6296
13.	Web/DSL	Show xDSL web menu option even when DSL line is not trained	6737

## 9.3 25.03.23.002

No.	Module	Short Description	Mantis
1.	DSL	Fix OAM loopback on VLAN interfaces	

## 9.4 25.03.23.000

No.	Module	Short Description	Mantis
1.	Activator	Fix Activator active update command returning incorrectly parsed IPv6 addresses	4727
2.	BGP	Enable FRR SNMP support on GW6650V and Merlin4700 series	5758
3.	CWATCH	Cwatch now ignores non-existing UCI network interfaces	6644
4.	Failsafe	Failsafe mode now uses SSH instead of telnet access	6663
5.	Firewall	Insert the <code>MARK</code> configuration rule before the <code>redirect</code> rules in the firewall table	5405
6.	IECD	Fix issue in IEC104S to IEC101 in transparent mode, where 104 ASDU CA=65535	
7.	IECD	Fix issue processing IEC101 reset process response	
8.	IECD	Fix issue with DNP3 Gr3 (double bit) to IEC104 single point conversion	6671
9.	IECD	Fixed incorrect cleanup while closing during IEC104S TLS session establishment	6636
10.	IECD	Fixed issues with events not sent from IEC104 slave offline queue after connection is restored	6648
11.	IECD	Fixed issues with processing TI 105 Reset Process command	6640

12.	IECD	IEC104 slave: Fixed incorrect application of clock synchronization command	
13.	IECD	IEC104 to IEC101 conversion: fixed issue with converting QU field of commands from Master (104) to RTU (101)	
14.	IECD	IEC104 to IEC104 conversion: Fix Double command Execute part of Select Execute sequence not passing on QU field of command	6656
15.	Mobile	Add MTU detection for Unitac modules	
16.	Mobile	Ensure MTU does not exceed 1500 bytes on QMI links	6567
17.	Mobile	Ensure Quectel EC25/EG25 modules use GSM format for SMS messages	
18.	Mobile	Fix crash when <code>switch_sim</code> command is executed with no value	
19.	Mobile	Fix interface name and type for Unitac modules on Merlin series	
20.	Mobile	Fix performance issues on Sierra Wireless modules (introduced in 25.02.80.000)	6708
21.	Mobile	Prevent crash when handling SIMs with invalid ICCID	6635
22.	Mobile	Prevent crash when no SIM slot specified for SIM switch command	
23.	Mobile	va-mobile no longer automatically changes GNSS configuration as this is now done in manufacturing	6659
24.	Monitor	Fix Monitor Keepalive configuration changes taking effect immediately when changed from web UI or Activator	6650
25.	NTP	Improvements to chrony operation for interface state changes	6631
26.	PPP	Fix connection issue when two ppp links have similar UCI name	6654
27.	Roaming Manager	Retry existing connection after routine disconnect when using Roaming Manager feature	
28.	SNMP	Fix mibwalk error on .1.3.6.1.4.1.2078.3.1.2.4.2 when walking VA-MODEM-MIB::roamingOp* series of values	6618
29.	SSH	Fix SSH login via private and public key.	6425
30.	TACACS	Fix ipv6 address support	6620
31.	VDSL	Enable support for OAM loopback	
32.	VDSL	Fix switching line_mode config between ADSL and VDSL	
33.	Web	Sort web UI drop down headings	5909
34.	Web/ Multiwan	Allow multiwan configuration via web UI when no multiwan config options exist in configuration file	
35.	Web/HTTP Client	Support configuration of Http Client certificate key format <code>web: services-&gt;http client-&gt;advanced-&gt;Certificate Key Format</code> <code>cli: httpclient-&gt;httpclient-&gt;KeyFormat</code>	5792
36.	Web/IECD	Changed default location of TLS certs to <code>/etc/cert</code>	6643
37.	Web/IECD	Only show IEC104 TLS Common Name and IEC104 TLS Verify Depth options when IEC104 TLS Validate Peer Cert is enabled	6643
38.	Web/IECD	Removed unused <code>iec101_cmd_type_id</code> option from web UI	6627
39.	Web/IECD	Support SCL import file upload for IEC61850 master <code>web: scada-&gt;iecd-&gt;master protocols-&gt;configure IEC61850-&gt;Select IEC61850M SCL File for Upload</code>	
40.	Web/IECD	Support upload capability for TLS cert, key and CRL files via web UI	6643
41.	Web/IPsec	Web UI IPSEC configuration improvements	6281
42.	Web/System	Fix firmware flashing error message	6286

43.	Web/VRRP	Add support for configuration of VRRP Group Multicast Source IP web: network->vrrp->vrrp group configuration-> Multicast Source IP cli: vrrp.vrrp_group.mcast_src_ip	4057
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## 9.5 25.03.05.000

No.	Module	Short Description	Mantis
1.	IECD	Added RTS-CTS flow control of the serial (when not using tserverd)	6615
2.	IECD	Added TPM integration for TLS based protocols in IECD and Terminal Server (IEC62351-9)	6552
3.	LED	Fix Merlin4700 series WAN port LED operation	6632
4.	Mobile	Fix missing LTE band information on older Unitac firmware	6630
5.	Mobile	Prevent +CGEV: NW DETACH trigger warnings in the logs	6616
6.	Mobile	Remove MIMO check for Unitac modules	
7.	Routing	Enable FRR vty_enabled option in user interface	6613