

Release Notes for MAPS™ UMTS IuCS and IuH Version 25.6.16

GL's Message Automation and Protocol Simulation (MAPS)™ UMTS IuCS and IuH is an advanced protocol emulator for 3G emulation over IuCS and IuH interface that can emulate messages and signaling as per 3GPP standards.

Release History

Description	Version
MAPS™ UMTS IuCS and IuH Interfaces <ul style="list-style-type: none">Includes MAPS™ GUI and framework Updates.	25.6.16
MAPS™ UMTS IuCS Enhancements: <ul style="list-style-type: none">Package built on VS2019.Support for Warranty License.New Security features with software licensing.Includes MAPS™ GUI and framework Updates.	21.2.23
MAPS™ UMTS IuCS Enhancements: <ul style="list-style-type: none">Package built on VS2019.Support for Warranty License.New Security features with software licensing.Includes MAPS™ GUI and framework Updates.RTP HD is compatible for only old Napatech firmware 2.11.0	20.8.28
MAPS™ UMTS IuCS Enhancements: <ul style="list-style-type: none">Support for Warranty LicenseMAPS CLI support in Linux and windowsSupplementary calls supported from profiles.MAPS™ GUI UpdatesNew Security features with software licensing	20.5.14
MAPS™ UMTS IuCS and IuH Interfaces <ul style="list-style-type: none">Warranty License includedRemote-RTP HD Traffic Generation is supportedSupplementary Services-USSD and Interrogation supportedSCTP Multi-Homing supportedNotify for Hold and Retrieve during Mobile to Mobile Call supportedFragmented SMS During Voice Call and SMS to another Subscriber Number supportedPer Call Duration, Answer Delay and CC Failure Simulation supportedSend Command as Optional is supportedConsolidated Impairment profile (ImpairmentProfile.xml) configuration for Latency, PacketEffects and Packet LossNew xml format supportedLoad Generation-Unique Distribution per script is supported	19.10.7

<p>MAPS™ UMTS IuCS and IuH Interfaces</p> <ul style="list-style-type: none"> • IuH – Support for HD RTP Traffic included • Test Bed Setup includes CSV profiles for bulk call generation to overcome the limitation of Profile Editor (supported only up to 1000). With CSV files, we can create more than 20K user configurations. • CSV profiles also support SMS calls ratio option to configure the ratio of SMS calls out of Total number of Calls (say, 100%), based on which MAPS™ will generate SMS calls along with MO Voice calls. For example, if the SMS call Ratio = 30% is configured in Testbed, then during bulk call simulation, MAPS™ generates 30% SMS calls and remaining 70% of total calls generated will be MO Voice calls. • Signaling Statistics supported • Graph for Signaling Statistics • PDF Report generation • Profile Help updated. • Consolidated Traffic profile (TrafficProfile.xml) configuration for Auto traffic file, tones, digits and user defined traffic • MS_Profile includes Traffic profile name configuration • Protocol Configuration Options IE is updated to latest spec - 3GPP TS 24.008 V15.0.0 (2017-09) 	<p>7.11.09</p>
<p>MAPS™ UMTS IuCS and IuH Interfaces Emulator</p> <ul style="list-style-type: none"> • IuH – Support for HD RTP Traffic included • Test Bed Setup includes CSV profiles for bulk call generation to overcome the limitation of Profile Editor (supported only up to 1000). With CSV files, we can create more than 20K user configurations. • CSV profiles also support SMS calls ratio option to configure the ratio of SMS calls out of Total number of Calls (say, 100%), based on which MAPS™ will generate SMS calls along with MO Voice calls. For example, if the SMS call Ratio = 30% is configured in Testbed, then during bulk call simulation, MAPS™ generates 30% SMS calls and remaining 70% of total calls generated will be MO Voice calls. • Signaling Statistics supported. • Graph for Signaling Statistics. • PDF Report generation • Profile Help updated. • Consolidated Traffic profile (TrafficProfile.xml) configuration for Auto traffic file, tones, digits and user defined traffic • MS_Profile includes Traffic profile name configuration 	<p>7.10.6</p>
<p>MAPS™ UMTS IuCS and IuH Interfaces Emulator</p> <ul style="list-style-type: none"> • IuH – Support for HD RTP Traffic included • Test Bed Setup includes CSV profiles for bulk call generation to overcome the limitation of Profile Editor (supported only up to 1000). With CSV files, we can create more than 20K user configurations. • CSV profiles also support SMS calls ratio option to configure the ratio of SMS calls out of Total number of Calls (say, 100%), based on which MAPS™ will generate SMS calls along with MO Voice calls. For example, if the SMS call Ratio = 30% is configured in Testbed, then during bulk call simulation, MAPS™ generates 30% SMS calls and remaining 70% of total calls generated will be MO Voice calls. • Signaling Statistics supported. • Graph for Signaling Statistics. 	<p>7.5.26</p>

<ul style="list-style-type: none">• PDF Report generation• Profile Help updated.• Consolidated Traffic profile (TrafficProfile.xml) configuration for Auto traffic file, tones, digits and user defined traffic• MS_Profile includes Traffic profile name configuration	
MAPS™ UMTS IuCS <ul style="list-style-type: none">• Supports both Normal RTP and HD RTP Traffic Generation• HD Configurations in Test Bed setup are simplified: The system automatically detects the IP address of the RTP cores, user need not provide IP Address for RTP Cores.• Detailed RTP Statistics are available now under User-defined Statistics: RTP Stats Display script is included which will query RTP Core for QueryStatsTimer and reports in User-defined Statistics window• Only Scripts Relevant to Call Generation window are displayed and supporting sub scripts are now hidden	6.4.22