GL Communications Inc.
Voice Quality Testing Price List

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Part Number	Description	Notes
	VQT Analysis Options:	
VQT002	Voice Quality Testing - PESQ only	PESQ - Perceptual Evaluation of Speech Quality – RM
VQT006a	VQT w/ POLQA only, small license for one / two nodes	POLQA Next Generation Voice Quality Testing for Fixed, Mobile, and IP-based Networks – Dongle or Software license required,
VQT006b	VQT w/ POLQA only, medium license for up to 5 nodes	POLQA Next Generation Voice Quality Testing for Fixed, Mobile, and IP-based Networks - Dongle or Software license required,
VQT006c	VQT w/ POLQA only, large license for up to 10 nodes	POLQA Next Generation Voice Quality Testing for Fixed, Mobile, and IP-based Networks – Dongle or Software license required,
VQT006	VQT006 w/ POLQA Server license (no limitations)	POLQA - Server license (no limitations) - Next Generation Voice Quality Testing for Fixed, Mobile, and IP-based Networks – Dongle or Software license required,
Note (applicable to all VQT POLQA v3 items): Software Key limitations include non-transferable between PCs and must include initial Internet connectivity (as well as internet connectivity within 18 months after first execution) in order to confirm license validity.		
VQT007a	VQT POLQA v3, small license for one / two nodes	POLQA v3 Voice Quality Testing for Fixed, Mobile, and IP-based Networks – both Software license key and Dongle license required.
VQT007b	VQT POLQA v3, medium license for up to 5 nodes	POLQA v3 Voice Quality Testing for Fixed, Mobile, and IP-based Networks – both Software license key and Dongle license required.
VQT007c	VQT POLQA v3, large license for up to 10 nodes	POLQA v3 Voice Quality Testing for Fixed, Mobile, and IP-based Networks – both Software license key and Dongle license required.
VQT007	VQT POLQA v3, server license for 20 nodes	POLQA v3 Voice Quality Testing for Fixed, Mobile, and IP-based Networks – both Software license key and Dongle license required.
Note: Upgrading from VQT POLQA v2 to VQT POLQA v3 requires the Support contract to be current and will cost the following (depending on current VQT006 license), New License associated with this upgrade is VQT007, also requires necessary changes within Customer Database for updating from VQT006 to VQT007. VQT007aU VQT007bU VQT007cU VQT007U		
VQT014	AutoVQT	A stand-alone application that can run on Windows or Linux and supports automated multi-threaded VQT operation (analyzing hundreds of files using POLQA v2.4 (only) algorithm under very fast conditions). Both VQuad and vMobile audio files are

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		supported with all results sent to the GL DataImport (MYSQL database) and accessed using the GL WebViewer (web browser); Includes VQT006 (POLQA Server License)
VQT014U	Upgrade from VQT POLQA to AutoVQT	Add AutoVQT to the existing POLQA Server license (VQT006). If upgrading a non-Server license (VQT006a/b/c) additional costs will be included, equal to the difference between VQT006 and the current POLQA license.
VQT008	Voice Analysis Tool (VAT)	Stand-alone application to analyze any voice file; provides metrics such as Speech Level, Noise Level, RMS Power, DC Offset, Frequency Analysis, Speech Activity, Audio Dropout, Path Confirmation, and One Way and Round-Trip Delay measurements.
VQT009	Speech-to-Text Conversion	Transcribe short speech files into text. Easy to access transcribed text via file, API, or database. Includes 100,000 transcriptions, more at an additional cost; requires internet connectivity for cloud-based processing
VQT208	Indoor (Underground) Tracking System	Provides location and timing information with voice quality for underground (non-GPS) areas
VBA032	Voice Band Analyzer	Analyze voice band parameters e.g. speech level, echo, noise, etc. – requires a separate PC and dongle
VQT035	Voice Recorder (FXO RJ11 Hardware Tap / 2-Wire Capture Software)	Used for capturing Audio from RJ11 connections for GL Insight Fax / Modem Analysis, requires warranty for USB T1E1 unit; includes FXO RJ11 Hardware Tap
EMU037	Echo Measurement Utility	Analyzes echo return loss (ERL) and echo path delay (EPD) for 2Wire Analog, VoIP, T1 E1, and Mobile networks; PKB070 is included
PKB070	Audio Processing Utility	Adds noise, creates line or acoustic echo, analyzes speech level and other useful functions – requires dongle; included with EMU037
SA048	Goldwave Software	Accessory software for creating and viewing audio files. Desirable for VQuad™ but required for VQT002 and VQT004

Part Number	Description	Notes
	Network Management Options:	
VQT040	VQT Web Viewer	For accessing the VQT results using a Web portal; Includes MySQL database
VQT041	VQT Web Viewer w/ Oracle Database (Perpetual License, Unlimited Users/Nodes)	For accessing VQT results using a Web portal. Includes Oracle 19c Standard Edition One (Perpetual License for Unlimited Users/Nodes) User/Node is defined as any end-node that receives data from or creates data for the Oracle DB, including human users)

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	VQuad^{TM} Application Options:	
VQT010	VQuad™ (Automated File Transceiver (AFT) Base Software	Allows automatic sending and recording of voice files for Wireless, Analog, VoIP, and TDM interfaces; with CLI and NetViewer for remoting
VQT013	SIP (VoIP) Call Control	Provides VQuad™ with VoIP Call Control and Traffic Generation and Reception utilizes onboard Ethernet NIC of PC – software only
VQT015	T1 E1 Call Control	Provides VQuad™ with TDM Call Control and Traffic Generation and Reception (CAS and PRI ISDN) – requires LITE versions of T1/E1 hardware cards or USB-based T1/E1 Analyzer unit. Includes xx600, xx610, xx620
VQT022 VQT022a	VQuad™ Fax Emulation (2 simultaneous ports) VQuad™ Fax Emulation (8 simultaneous ports)	Fax Emulation using Dual UTA interfaces (FXO and 4wire); fax rates from 1200 bps to 33.6 kbps; multiple Dual UTAs possible

Part Number	Description	Notes
	VQuad™ NetTest:	
VQT600	VQuad NetTest Data Server Solution	Data Quality Measurements including TCP measurements, UDP capacity, VoIP, Route, HTTP, FTP, and DNS; Only one VQT600 required to support entire solution including up to 2500 instances of VQuad and or Apple / Android mobile devices **Imp Note**: This license is not perpetual; it needs to be renewed every year to keep it working; while quoting this product make sure to inform the customer about it. The renewal of the non-perpetual license is done using VQT600S
VQT601	Mobile Device Controller (MDC) -- Apple / Android Mobile Device Apps	Remote Control of Apple and Android mobile devices from VQuad Script; Apple and Android apps are available at "no charge" (NetQCheck)
VQT611	Target Data Server (1 Gbps)	Used in conjunction with VQuad / Apple / Android NetTest; provides detailed measurement statistics; many can be deployed simultaneously.
VQT650	Video Application Controller (VAC)	VAC includes VAC Server (Linux) and VAC companion software (Windows); Does not include 2 PCs
VQT661	VAC Windows/Linux Agent, single license	Windows/Linux Agent, single license, 5 Mbps
VQT662	VAC Windows/Linux Agent, single license	Windows/Linux Agent, single license, 10 Mbps
VQT663	VAC Windows/Linux Agent, single license	Windows/Linux Agent, single license, 50 Mbps
VQT671	VAC Android Agent, single license	Android Agent, single license, 5Mbps

VQT680	PEVQ Video Streaming Server	supports Video Streaming Analysis (MOS) on Android or Windows (requires WinPC)
VQT681	PEVQ Video Streaming Device license	per Rooted Android or Windows device

Part Number	Description	Notes
	Hardware Options:	
VQT251	Dual UTA HD	Next generation Dual UTA with FXO Wideband support
VQT011	Dual UTA - Software Development Kit (SDK)	Dual UTA – Software Development Toolkit (SDK) with documentation for custom software development applications
VQT245	Dual UTA - 4-Port TTL Option	TTL Triggers – 4 Ports, for PTT Key/UnKey, Audio Send/Detected
VQT252	Dual UTA HD – Bluetooth Option	Dual wideband Bluetooth interfaces, antennas
VQT252x	Dual UTA HD – Bluetooth Option Upgrade	Dual wideband Bluetooth interfaces to existing Dual UTA HD (**unit must be shipped back to GL for upgrade**)
VQT204	Dual UTA – GPS Option	Provides Garmin GPS receiver and custom cable for interfacing to Dual UTA - location and one pulse-per-second timing are both available
VQT442	Dual UTA Mobile Audio Cable for Smartphones	Connects Dual UTA Tx / Rx audio to 3.5mm jack-enabled Smartphones
VQT461	Dual UTA HD Smartphone ACC Cable	Connects Dual UTA HD PTT (RJ45) to 3.5mm jack-enabled Smartphones. The Smartphone ACC (Automated Call Control) cable provides voice path along with automated call control using the VQuad PTT functionality. Automated Place Call can be supported using the Android Google Voice and IOS Siri applications
VQT443	Cellphone Adapter Cable	Custom, adapts VQT442 to 2.5mm 3 wire plug
VQT209	Dual UTA Audio / PTT 600ohm to 50ohm Adapter	Includes RJ45 to RJ45 for connecting to Dual UTA and Dual UTA HD.
VQT448	Dual UTA Audio/PTT Interface Cable (RJ45 to LEMO), includes both Left and Right cables	Custom RJ45 to LEMO LEFT and RJ45 to LEMO RIGHT (includes both cables). Connects Dual UTA to FAA Voice Switch / Plug Termination
VQT449	Dual UTA Audio /PTT Interface Cable (RJ-45 to W425)	Custom RJ-45 to W425 (Dual WECO 310). Connects Dual UTA to FAA Voice Switch / Plug Termination
VQT446	Dual UTA HD Custom PTT Audio Cable	For Dual UTA HD (VQT251 and VQT241), custom RJ45 PTT Cable
VQT451	Dual UTA HD Mini XLR PTT Adapter Cable	Adaptor for converting Dual UTA (VQT241) RJ45 cable to Dual UTA HD (VQT251) Mini XLR cable

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	Platform Options:	
VQT280	VQuad Probe HD with Dual UTA HD	Self-contained unit for unattended testing includes VQuad, Dual UTA HD, and PC with the failsafe operation. PC portion includes two GBit Ethernet and four external USB interfaces
VQT281	VQuad Probe HD w/o Dual UTA HD	Self-contained unit for unattended testing includes VQuad and PC with failsafe operation. PC portion includes two GBit Ethernet and four external USB interfaces
VQT285	VQuad Probe HD Upgrade	Upgrade existing VQuad and Dual UTA HD into a single self-contained unit for unattended testing. Includes PC with fail-safe operation and support for adding customer Dual UTA HD. PC portion includes two GBit Ethernet and four external USB interfaces
VQT291	vMobile – Portable VQT Test Solution	Fully portable and self-contained testing solution for performing Voice Quality and Delay measurements. Includes two Bluetooth modules, a 4-wire Analog, Wi-Fi, and GPS connectivity including an external antenna. Fully automated and remote-controlled using Console and Console App.
VQT273	VQuad Probe Watchdog Service	Background service for VQuad Probe, auto reboot Probe if Windows becomes inactive or VQuad software is non-responsive. Normal shutdown of VQuad will not cause reboot (i.e. VQuad Probe maintenance or software upgrade)
VQT275	VQuad Probe Upgrade	Upgrade existing VQuad/Dual UTA into a single self-contained unit for unattended testing. Includes PC with failsafe operation. PC portion includes two GBit Ethernet and four external USB interfaces
VQT279	VQuad Probe Rackmount Kit	Attaches to VQuad Probe to allow VQuad Probe to be mounted to a 19' Rack
MT001	mTOP 1U Rack Mount Enclosure w/SBC	1U 19" Rack Mount Enclosure w/Rails, Multiple Interface TDM/Optical/Packet w/Single Board Computer (SBC) (Specs: 240 GB SSD, 8GB RAM, i3 Equivalent, Win 10/64), USB 3.0 Hub, ATX Power Supply, Can house any combination of three (3) USB based units - PacketExperts, tProbes, Dual UTAs, and LightSpeeds; Optional VGA to mini DP interface cable
MT001E	mTOP with i7	Same as MT001 but with Intel Core i7;
MT002	mTOP 1U Rack Mount Enclosure w/o SBC	w/o SBC, but for use with MT001 for Daisy Chain or other Rack PCs
MT005	mTOP Probe	Portable stand-alone unit, includes i3 Intel NUC (w 8GB RAM, 256 GB HDD, Win 10/64); packaged in a more compact design with support for a single GL board; Can house any one of the USB based units - PacketExperts, tProbes, Dual UTAs, T3/E3 units and LightSpeeds; Optional VGA to mini DP interface cable. Dimensions: 264mm long, 76.6mm high, and 212.6mm wide

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MT005E	mTOP Probe with i7	Same as MT005 but with Intel Core i7;

Part Number	Description	Notes
	Support Options:	
VQT900	Extended (Annual) VQT Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
VQT009S	Extended (Annual) VQT009 Speech-to-Text Conversion Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
EMU037S	Extended (Annual) EMU037 Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
VQT040S	Extended (Annual) VQT040 WebViewer Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
VQT041S	Extended (Annual) VQT041 WebViewer (with Oracle Database) Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
VQT022S	Extended (Annual) VQT022 VQuad Fax Software Upgrades & Comprehensive Support	Software enhancements and comprehensive support for one-year
VQT600S	Extended (Annual) VQT600 NetTest Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments – for VQT600 only
VQT601S	Extended (Annual) VQT601 NetTest Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments – for VQT601 only
VQT611S	Extended (Annual) VQT611 NetTest Target Server (1 Gbps) Hardware Warranty	Hardware Warranty for VQT611
VQT280S	Extended (Annual) VQT280 VQuad Warranty + Dual UTA HD / VQuad Probe HD Hardware Warranty	Hardware and Software Warranty for VQT280, Includes Dual UTA HD and VQuad Software Upgrades and Comprehensive Support
VQT650S	Extended (Annual) VAC Server Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
VQT661S	Extended (Annual) VAC 5Mbps Agent Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
VQT662S	Extended (Annual) VAC 10Mbps Agent Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
VQT663S	Extended (Annual) VAC 50Mbps Agent Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one year increments
VQT671S	Extended (Annual) VAC 5Mbps Android Agent Software Upgrades & Comprehensive Support	Software enhancements and support for subsequent one-year increments
VQT901	Reinstatement of Interrupted Support	Software enhancements and comprehensive support for one-year

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VQT902	Extended (Annual) VQuad™ Software Upgrades & Comprehensive Support	Includes upgrade from AFT
VQT903	Extended Dual UTA or Dual UTA HD Hardware Warranty (2ⁿᵈ Year)	For Dual UTA (VQT241, VQT251)
VQT910	VQuad / VQT Training	Software and hardware training

Note: For T1, E1, Analog, and VoIP interface platforms that support VQT, please see Price Lists for T1 E1 Analysis Products, and Packet Ethernet Products.