

FaxLab Facsimile Compatibility Test System

Test Automation*

FaxLab's automation features can remotely:

- Select, start and stop ChannelTraps
- Select and execute test calls using specified emulations
- Load and execute saved ChannelTrap test configurations including call lists
- Log execution of test calls
- Retrieve pass/fail and ITU Figure Of Merit test call results

FaxLab Viewer

The FaxLab Viewer application lets you open and view an existing FaxLab database without a full copy of the FaxLab 7 software, so you can share results of FaxLab sessions with others who need to review results. FaxLab Viewer runs independently from the FaxLab 7.0 product that controls the ChannelTrap and cannot conduct any actual call sessions.

FaxLab Product Structure

FaxLab 7 contains a single installer for the V.17 and V.34 parts of the product. The V.17 simulations are placed in one directory and the V.34 simulations in another, making it much easier to find the test cases you need and switch back and forth between V.17 test software and V.34 test software.

FaxLab Specifications

- Comprehensive compatibility testing using facsimile device emulations
- V.17 emulations support data rates of 2400, 4800, 7200, 9600, 12,000, 14,400 bps
- V.34 emulations support data rates up to 33,600 bps
- MH, MR, MMR, JPEG (full color & grayscale), T.85 bi-level JBIG encoding
- On-screen display of all image encodings
- Easily configurable for testing networks
- V.8 or non-V.8, V.21 start-up in any combination at either end of set-up
- Detailed modem status in call timeline
- Selectable send and receive test modes
- Call progress indicator

- Pass/fail based on transmission success
- Warnings based on T.30 limits
- Runs under Windows 2000, XP
- Supports V.17, V.33, V.29; V.27ter, V.8, V.34

Min. System Requirements

- Pentium 3 500MHz processor (minimum for operation with one ChannelTrap)
- 512 MB RAM
- 200 MB free disk space
- Windows 2000, XP

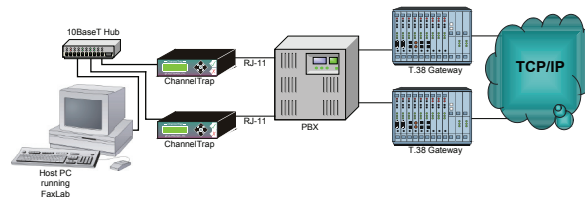
Key Emulation Parameters

- DIS capability bits
- INFO0 capability bits
- Non-compliant DIS and DCS signal construction
- MPH capability bits
- Duration of inter-signal silent periods
- Predefined test calls for each device
- ECM (Error Correction Mode) support
- Support for all T.30 image resolutions
- T.2 and T.4 timeouts

Ordering Information

T4006-7.0 KIT	FaxLab 7.0 Kit
FaxLab Kit contains the following:	
T4006-7.0 S	FaxLab Software
T4006-7.0 KEY	FaxLab Key
F2008-T	ChannelTrap Hardware

Call us today at
800-436-6292
(US toll-free) or
+1 805-531-9030,
or send an email to
tools@qualitylogic.com
to find out what
QualityLogic Tools
can do for you!



 **QualityLogic®**
Putting Technology to the Test

Phone 805 531 9030 • Fax 805 531 9045
info@qualitylogic.com • www.qualitylogic.com
5401 Tech Circle • Moorpark, CA • 93021 • USA

* Automation features are not available for FaxLab V.17 (non-V.34) fax operations.



QualityLogic Announces FaxLab 7 Simulations of popular V.34 devices from Japan and Europe now available

We are pleased to announce the immediate available of FaxLab 7, which contains simulations of 12 new devices from Japan and Europe, as well as updates to the FaxLab software, a new stand-alone viewer, and improved T.30 timer emulations for these new devices.

This is a software only upgrade for customers that currently own FaxLab 5 or 6. Customers who own previous versions of FaxLab will need to also update their ChannelTraps.

New Profiles – 7 new devices from Europe and 5 new devices from Japan have been profiled and included in FaxLab 7.

Europe

Machine	Type	Modulation	Resolution	Encoding	ECM	Polling
Brother - Fax 8360P	Laser Fax & Copier	V.27, V.29, V.33, V.17, V.34	200x100, 200x200 (rx only), 200x400 (rx only)	MH, MR, MMR, JBIG	Yes	Yes
Canon - Fax L140	Laser Fax & Copier	V.27, V.29, V.33, V.17, V.34	200x100, 200x200 (rx only), 200x400 (rx only)	MH, MR, MMR	Yes	No
HP - Officejet 5610 All-in-One	Color Inkjet MFP	V.27, V.29, V.33, V.17, V.34	200x100, 200x200, 300x300	MH, MR, MMR, JPEG, Color	Yes	No
Philips - Laserfax 855	Laser Fax Machine	V.27, V.29, V.33, V.17, V.34 (some rates)	200x100, 200x200 (rx only), 200x400 (rx only)	MH, MR, MMR, JBIG	Yes	Yes
Sagem - MF 5461	Laser MFP	V.27, V.29, V.33, V.17, V.34 (some rates)	200x100, 200x200 (rx only), 200x400 (rx only)	MH, MR, MMR, JBIG	Yes	Yes
Samsung - CLX-3175FN	Color Laser All-in-One	V.27, V.29, V.33, V.17, V.34	200x100, 200x200, 200x400, 300x300	MH, MR, MMR, JBIG, JPEG, Color	Yes	No
Samsung - SCX-4521F	Laser All-in-One	V.27, V.29, V.33, V.17, V.34	200x100, 200x200, 200x400, 300x300	MH, MR, MMR, JPEG, Color	Yes	No

Japan

Machine	Type	Modulation	Resolution	Encoding	ECM	Polling
Brother – MFC-930CDN	Color Inkjet MFP	V.27, V.29, V.33, V.17, V.34	200x100, 200x200, 200x400	MH, MR, MMR, JPEG, Color	Yes	No
Brother MFC-9440CN	Color Laser MFP	V.27, V.29, V.33, V.17, V.34	200x100, 200x200, 200x400	MH, MR, MMR, JBIG, JPEG, Color	Yes	Yes
Canon imageCLASSMF4270	Laser MFP	V.27, V.29, V.33, V.17, V.34	200x100, 200x200, 200x400	MH, MR, MMR	Yes	No
Canon – Pixus MX850	Color Inkjet MFP	V.27, V.29, V.33 (rx only), V.17, V.34	200x100, 200x200	MH, MR, MMR, JPEG, Color	Yes	No
Epson - PX-FA700	Color Inkjet MFP	V.27, V.29, V.17, V.34	200x100, 200x200	MH, MR, MMR, JPEG (rx only), Color (rx only)	Yes	No

Enhanced T.30 timer emulations - New profiling test cases will expand our coverage of the T.30 timers to improve emulation of T0 and T1 in both V.34 and V.17 test calls for the 12 new emulations in FaxLab 7. This will result in better replication of V.17 call behavior when a test call falls back from V.34 to the V.17 modulation.

FaxLab Viewer – A new FaxLab Viewer application will allow you to open and view an existing FaxLab database, without needing a full copy of the FaxLab 7 software. This will be useful for our customers to share and communicate results of the FaxLab sessions to others who only need to review the results of the session. The FaxLab Viewer application will run independently from the FaxLab 7.0 product that controls the ChannelTrap. The FaxLab Viewer application will not be able to conduct any actual call sessions but only viewing of call sessions from an existing database.

Integrated V17 and V34 FaxLab Versions - At long last, FaxLab 7 will contain a single installer for the V.17 and V.34 parts of the product. The V.17 simulations will be placed in one directory and the V.34 simulations in another making it much easier to find the test cases you need and switch back and forth between V.17 test software and V.34 test software.