

## *T.38 Fax Support*

Send/ Receive/ Polling/ Turnaround Polling  
ITU-T T.38 version 0 and 3 support  
ITU-T V.34 hdx, V.17, V.29, and V.27ter  
A4, B4, A3 page formats  
MH, MR, MMR, JPEG image compression  
Resolution up to 1200x1200 dpi  
Error Correction Mode

*Playback T.38 fax sessions  
generated by Zoltes V.34/ T.38  
Fax Analyzer*

*Provide detailed analysis results  
of the T.38 fax sessions using  
Zoltes V.34/ T.38  
Fax Analyzer*

*Handle Early Offer and  
Delayed Offer*

*Up to 60 simultaneous calls with  
fax streaming per Test Agent*

*Register to System Under Test*

Send REGISTER at the beginning

Maintains the registration state

Send UNREGISTER at the end of the execution



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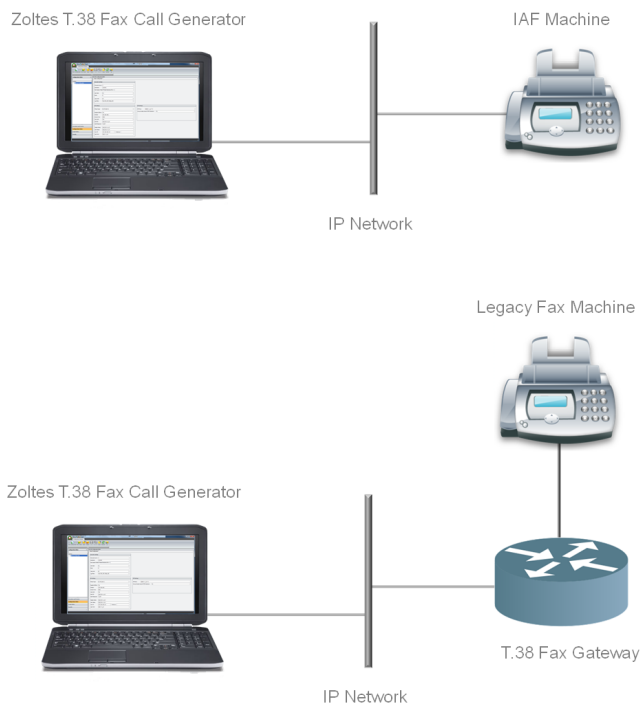
# T.38 Fax Call Generator

# GENERATE SIP AND T.38 FAX TRAFFIC

Zoltes T.38 Fax Call Generator originates/ terminates SIP calls with T.38 fax traffic against either T.38 gateways or IAF devices across the IP telephony networks.

## KEY FEATURES

- > SIP-based call generator
- > Send/ Receive/ Polling/ Turnaround Polling
- > ITU-T T.38 version 0 and 3 support
- > ITU-T V.34 hdx, V.17, V.29, and V.27ter modulations
- > A4, B4, A3 page formats
- > MH, MR, MMR, JPEG image compression
- > Resolution up to 1200x1200 dpi
- > Error Correction Mode
- > Test Commands
  - > Originate Call
  - > Answer Call
  - > End Call
  - > Fax Session
- > Provide configurable BCD signals, TCF, and Message delays in order to sustain transmission impairments
- > Playback T.38 fax sessions generated by Zoltes V.34/ T.38 Fax Analyzer
- > Provide detailed analysis results of T.38 fax sessions using Zoltes V.34/ T.38 Fax Analyzer



## BENEFITS

- > Cost effective solution
- > All-in-one call control and fax traffic generation
- > Flawless integration with Zoltes Fax Analyzer for in-depth fax analysis

## SPECIFICATIONS

### Protocols Support

- > IETF SIP RFC 3261
- > IETF SIP RFC 3262
- > IETF SDP RFC 2327
- > IETF RTP/ RTCP RFC 1889
- > IETF RTP/ RTCP RFC 2833
- > ITU-T T.38 version 0 and 3

### SIP Protocol Parameters

- > UDP/ TCP transport support
- > REGISTER support (endpoint)
- > RE-INVITE support
- > Automatic Response to INFO, OPTIONS, and retransmissions

### Fax Parameters

- > Profile: G3/ G3 and Super G3/ Super G3
- > Max V34 Data Rate
- > Timeouts: T0 ,T1, T2, T3, T4, T5
- > BCD Retries
- > PPR Retries
- > CTC Retries
- > TCF Duration
- > TCF percent non zero
- > Delay Send Tonal
- > Delay BCD processing
- > Delay TCF processing
- > Delay Message processing
- > Protocol: ECM / nonECM
- > Coding
- > Resolution type
- > Resolution
- > Page Length
- > Page Width
- > DIS/ DTC binary information
- > T38 Port
- > Emulated Device: Analog GW or IAFD
- > Packetization Time
- > T38Version
- > T38MaxBitRate
- > T38FaxFillBitRemoval
- > T38FaxTranscodingMMR
- > T38FaxTranscodingJBIG
- > T38FaxRateManagement
- > T38FaxMaxBuffer
- > T38FaxMaxDatagram
- > T38FaxMaxIFP
- > T38FaxUdpEC
- > T38FaxUdpECDepth
- > T38FaxUdpFECMaxSpan