FF240-IP / Mitel 3300 Interop Testing
April 18, 2012
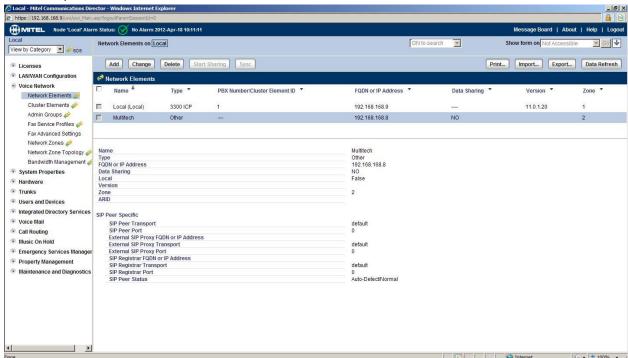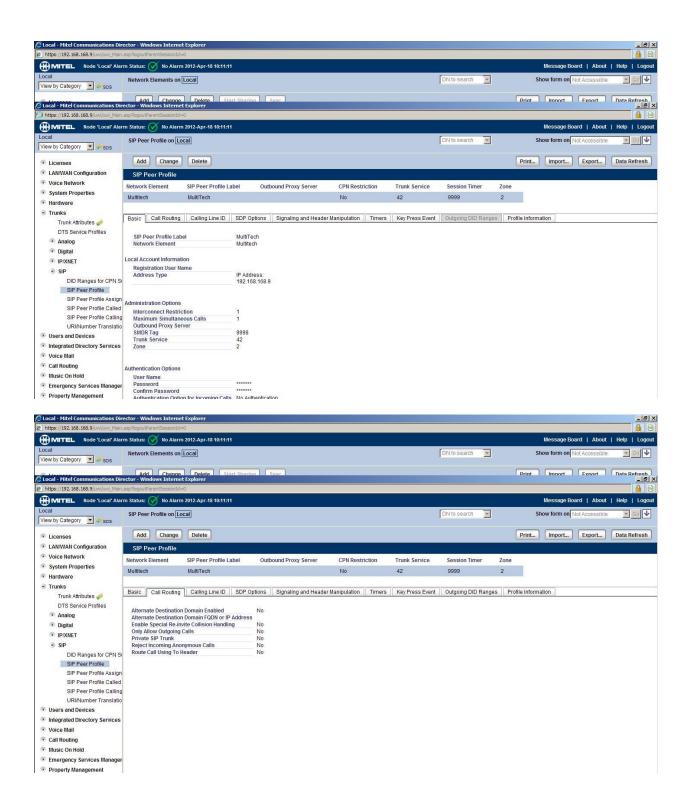
Items tested:

- FF240-IP
  - Vs. 1.1.15
- Mitel 3300 vs. 5.0 Service Pack 1
  - T.38 license required
  - DSP II card must be installed
  - T.38 fax not supported/recommended in Mitel vs. 4.0 or lower.

Test Results:

- Successfully sent and received single page and three page faxes using T.38 protocol.

Mitel Setup:

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Network Element	SIP Peer Profile Label	Outbound Proxy Server	CPN Restriction	Trunk Service	Session Timer	Zone
Multitech	MultiTech		No	42	9999	2

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- Voice Network
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    - SIP Peer Profile Called
    - SIP Peer Profile Calling
    - URI/Number Translation
- Users and Devices
- Integrated Directory Services
- Voice Mail
- Call Routing
- Music On Hold
- Emergency Services Manager
- Property Management

| Basic | Call Routing | Calling Line ID | SDP Options | Signaling and Header Manipulation | Timers | Key Press Event | Outgoing DID Ranges | Profile Information |

SIP Peer Profile Label   MultiTech
Network Element   Multitech

Local Account Information
Registration User Name
Address Type   IP Address:
                                192.168.168.9

Administration Options
Interconnect Restriction   1
Maximum Simultaneous Calls   1
Outbound Proxy Server
SMDR Tag   9998
Trunk Service   42
Zone   2

Authentication Options
User Name
Password   *******
Confirm Password   *******
Authentication Option for Incoming Calls No Authentication

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Alternate Destination Domain Enabled   No
Alternate Destination Domain FQDN or IP Address
Enable Special Re-invite Collision Handling   No
Only Allow Outgoing Calls   No
Private SIP Trunk   No
Reject Incoming Anonymous Calls   No
Route Call Using To Header   No

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Default CPN	
Default CPN Name	
CPN Restriction	No
Public Calling Party Number Passthrough	No
Strip PNI	No
Use Diverting Party Number as Calling Party Number	No

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Allow Peer To Use Multiple Active M-Lines	No
Allow Using UPDATE For Early Media Renegotiation	No
Avoid Signaling Hold to the Peer	No
Enable Mitel Proprietary SDP	No
Force sending SDP in initial Invite message	No
Force sending SDP in initial Invite - Early Answer	No
Limit to one Offer/Answer per INVITE	No
NAT Keepalive	Yes
Prevent the Use of IP Address 0.0.0.0 in SDP Messages	No
Renegotiate SDP To Enforce Symmetric Codec	No
Repeat SDP Answer If Duplicate Offer Is Received	No
RTP Packetization Rate Override	No
RTP Packetization Rate	20ms
Special handling of Offers in 2XX responses (INVITE)	No
Suppress Use of SDP Inactive Media Streams	No

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Trunk Group Label	
Allow Display Update	No
Build Contact Using Request URI Address	No
De-register Using Contact Address not *	No
Disable Reliable Provisional Responses	Yes
Disable Use of User-Agent and Server Headers	No
E.164: Enable sending '+'	No
E.164: Add '+' if digit length > N digits	0
E.164: Do not add '+' to Emergency Called Party	No
E.164: Do not add '+' to Called Party	No
Force Max-Forward: 70 on Outgoing Calls	No
Ignore Incoming Loose Routing Indication	No
Only use SDP to decide 180 or 183	No
Require Reliable Provisional Responses on Outgoing Calls	No
Use Privacy: none	No
Use P-Asserted Identity Header	No
Use P-Preferred Identity Header	No
Use Restricted Character Set For Authentication	No
Use To Address in From Header on Outgoing Calls	No
Use user=phone	No

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Keep-Alive (OPTIONS) Period	120
Registration Period	3600
Registration Period Refresh (%)	50
Registration Maximum Timeout	90
Session Timer	9999
Subscription Period	3600
Subscription Period Minimum	300
Subscription Period Refresh (%)	80
Invite Ringing Response Timer	0

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Allow Inc Subscriptions for Local Digit Monitoring	No
Allow Out Subscriptions for Remote Digit Monitoring	No
Force Out Subscriptions for Remote Digit Monitoring	No
Request Outbound Proxy to Handle Out Subscriptions	No
KPML Transport	default
KPML Port	0

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Creator
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SIP Peer Profile Assignment by Incoming DID

Incoming DID Range	SIP Peer Profile Label	Comment
1100-1199	MultiTech	MultiTech

Incoming DID Range   1100-1199
SIP Peer Profile Label   MultiTech
Comment   MultiTech

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FF240-IP Setup:

- In SIP/T.38 Configuration, configure SIP Proxy/Gateway field with the IP address of the Mitel SIP server. Use default settings in other fields.