



## **Avaya Solution & Interoperability Test Lab**

---

# **Application Notes for XMedius Solutions Inc XMediusFAX On-Premises Fax Server with Avaya IP Office Server Edition – Issue 1.0**

### **Abstract**

These Application Notes describe the configuration steps required for XMedius Solutions Inc XMediusFAX on-premises fax server to interoperate with Avaya IP Office Server Edition. XMedius Solutions Inc XMediusFAX is an on-premises fax server application that uses the SIP trunk interface with T.38 fax and G.711 from Avaya IP Office Server Edition to send and receive fax.

Readers should pay attention to **Section 2**, in particular the scope of testing as outlined in **Section 2.1** as well as the observations noted in **Section 2.2**, to ensure that their own use cases are adequately covered by this scope and results.

Information in these Application Notes has been obtained through DevConnect compliance testing and additional technical discussions. Testing was conducted via the DevConnect Program at the Avaya Solution and Interoperability Test Lab.

# 1. Introduction

These Application Notes describe the configuration steps required for XMedius Solutions Inc XMediusFAX (hereafter, also referred to as XMediusFAX) on-premises fax server to interoperate with Avaya IP Office Server Edition (hereafter, also referred to as IP Office). XMediusFAX is a fax server application that uses the SIP trunk interface with T.38 fax and G.711 from IP Office to send and receive fax.

For each user on IP Office desired to use fax, a fax extension is assigned and configured on XMediusFAX. Incoming fax is routed by IP Office to XMediusFAX via an available SIP channel. The received incoming fax can be viewed by the fax user via the XMediusFAX web interface. Similarly, outgoing fax can be sent by the fax user via the XMediusFAX web interface.

The IP Office Server Edition configuration consisted of two IP Office systems, a primary Linux server and an expansion IP500V2 that were connected via Small Community Network (SCN) trunks. The SIP Line connection can be established either with a primary or an expansion system. During compliance testing the SIP Line connection was established between XMediusFAX and IP Office on the primary system.

## 2. General Test Approach and Test Results

The feature test cases were performed manually. Internal and external faxes to and from XMediusFAX were made. The faxes were sent and received using the XMediusFAX web interface and the analog fax destination at the PSTN.

The serviceability test cases were performed manually by disconnecting and reconnecting the Ethernet connection to XMediusFAX.

DevConnect Compliance Testing is conducted jointly by Avaya and DevConnect members. The jointly-defined test plan focuses on exercising APIs and/or standards-based interfaces pertinent to the interoperability of the tested products and their functionalities. DevConnect Compliance Testing is not intended to substitute full product performance or feature testing performed by DevConnect members, nor is it to be construed as an endorsement by Avaya of the suitability or completeness of a DevConnect member's solution.

Avaya recommends our customers implement Avaya solutions using appropriate security and encryption capabilities enabled by our products. The testing referenced in these DevConnect Application Notes included the enablement of supported encryption capabilities in the Avaya products. Readers should consult the appropriate Avaya product documentation for further information regarding security and encryption capabilities supported by those Avaya products.

Support for these security and encryption capabilities in any non-Avaya solution component is the responsibility of each individual vendor. Readers should consult the appropriate vendor-supplied product documentation for more information regarding those products.

For the testing associated with these Application Notes, the interface between Avaya systems and XMedius Solutions Inc did not include use of any specific encryption features as requested by XMedius Solutions Inc.

## 2.1. Interoperability Compliance Testing

The compliance testing included feature and serviceability areas. During compliance testing, TCP and UDP were tested as the transport protocol for the SIP trunk between XMediusFAX and IP Office. Fax users were configured for both primary and expansion IP Office systems.

The feature testing focused on verifying the following on XMediusFAX:

- Proper handling of faxes via the SIP trunk including send/receive, internal fax, external fax over ISDN (PRI and SIP), simultaneous with bi-directional faxes, and miscellaneous failure scenarios.
- Proper handling of faxes with different pages, complexity and format.
- No adverse impact on the internal and external calls during faxes.
- Use of T.38 and G.711 for fax transport support.

The serviceability testing focused on verifying the ability of XMediusFAX to recover from adverse conditions, such as disconnecting/reconnecting the Ethernet connection to XMediusFAX.

## 2.2. Test Results

XMediusFAX successfully passed compliance testing with the following observations:

- Only V.17 (14400) data rate was tested since IP Office Server Edition has only this data rate available as per design.
- In IP Office design, use of account code feature only works for local extensions dialing out a PSTN and since XMediusFAX is not a local extension, use of account code feature is not applicable.

## 2.3. Support

Technical support on XMediusFAX can be obtained through the following:

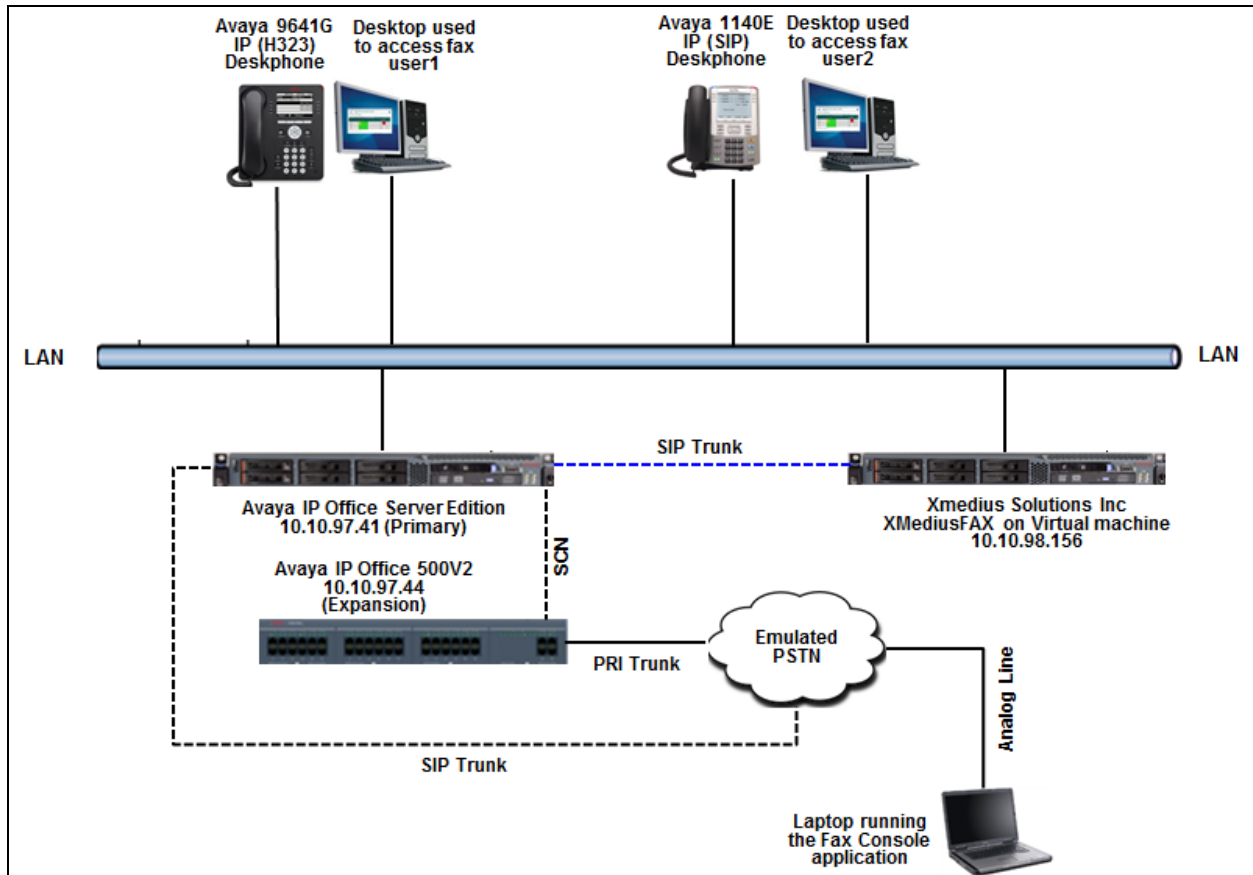
- **Phone:** [1-888-766-1668](tel:1-888-766-1668)
- **Email:** [support.software@xmedius.com](mailto:support.software@xmedius.com) (On-Premises)
- **Web:** <https://www.xmedius.com/en/contact-us/>

### 3. Reference Configuration

The IP Office Server Edition configuration used in the compliance testing consisted of a primary Linux server, and an expansion IP500V2, with SCN trunks for connectivity between the two systems. The PRI and SIP trunk connectivity to the PSTN was from IP500V2 and IP Office Server system respectively. The SIP Line (trunk) connectivity was between the IP Office primary system and XMediusFAX fax server.

The configuration used for the compliance testing is shown below. Two IP Office users have telephone extensions of 26003 (in primary system) and 26009 (in expansion system), and corresponding fax extensions of 78001 and 78002.

All incoming calls to the fax extensions are routed by IP Office over the SIP trunks to XMediusFAX, and all outgoing faxes are routed by XMediusFAX over the SIP trunks to IP Office.



**Figure 1: Compliance Testing Configuration**

## 4. Equipment and Software Validated

The following equipment and software were used for the sample configuration provided:

Equipment/Software	Release/Version
Avaya IP Office Primary Server (Linux based)	10.1.0.1.0 build 3
Avaya IP Office on IP500 V2 Expansion	10.1.0.1.0 build 3
Avaya IP Deskphones: 9641G (H323) 1140E ( SIP)	6.6401 4.4.23
XMedius Solutions Inc XMediusFAX on Microsoft Windows Server 2016 Standard	8.0

**Note:** *Testing was performed with IP Office Server Edition and an Expansion IP Office 500 V2. Testing also applies to an IP Office 500 V2 standalone system, and all IP Office Server Edition configurations.*

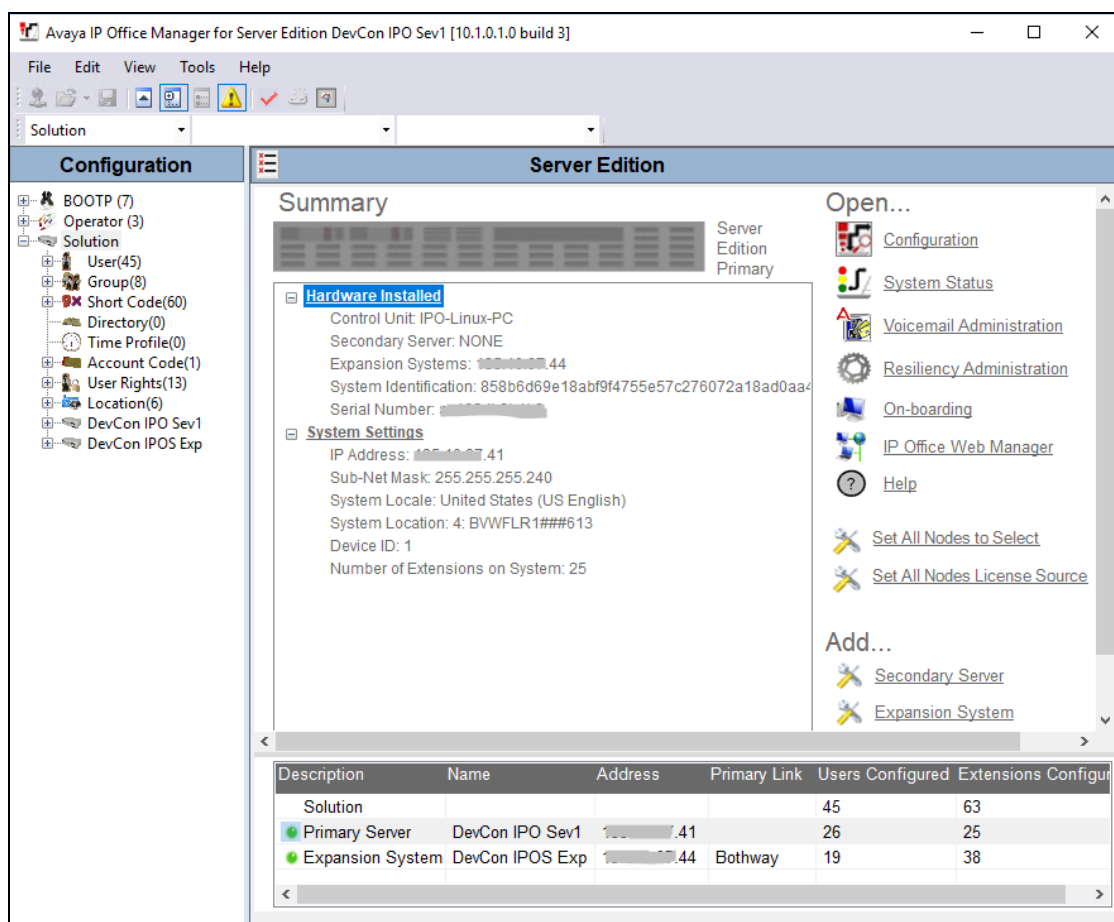
## 5. Configure Avaya IP Office

This section provides the procedures for configuring IP Office. The procedures include the following areas:

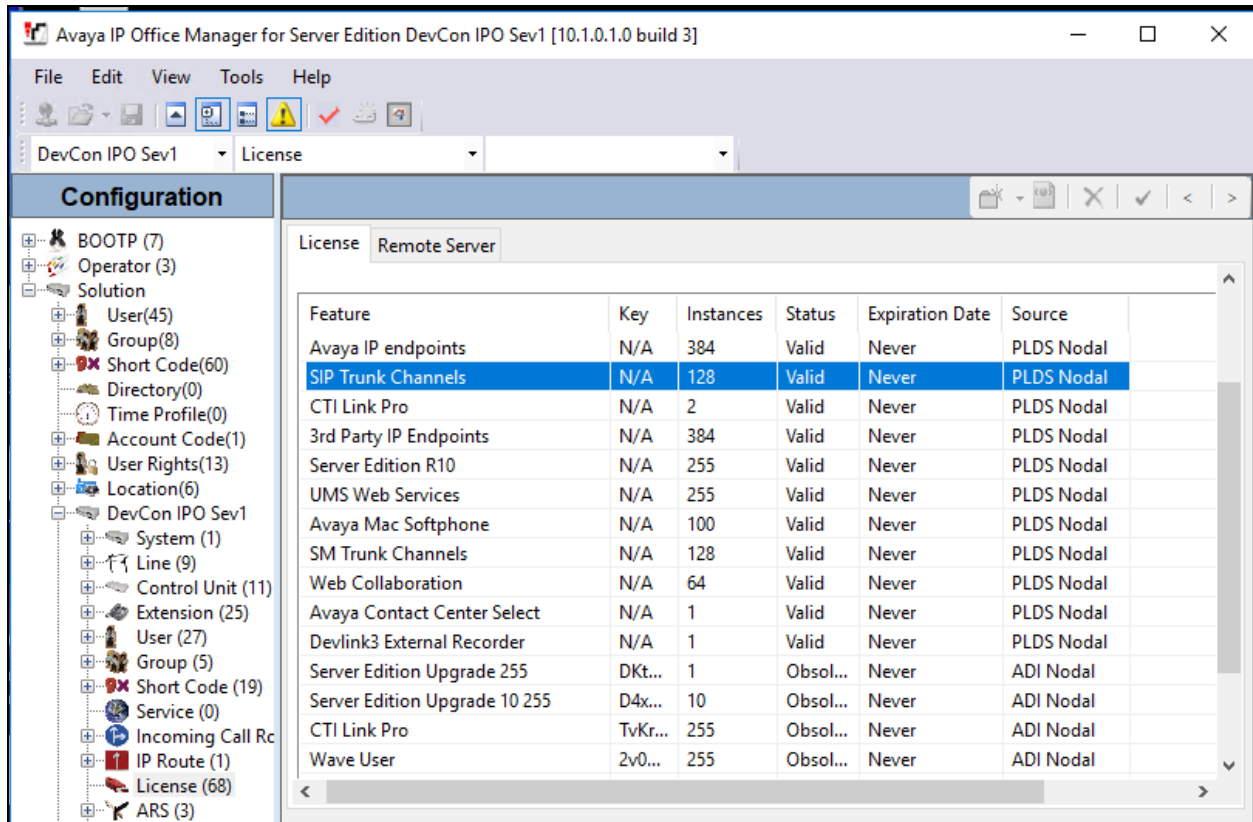
- Verify IP Office license
- Obtain LAN IP address
- Enable SIP trunks
- Administer SIP line
- Administer incoming call route
- Administer short code
- Save configuration

### 5.1. Verify IP Office License

From a PC running the IP Office Manager application, select **Start → Programs → IP Office → Manager** to launch the Manager application. Select the proper IP Office system, and log in using the appropriate credentials. The **Avaya IP Office Manager for Server Edition** screen is displayed as shown below.



From the configuration tree in the left pane, select **DevCon IPO Sev1 → System → DevCon IPO Sev1 → License** to display the **SIP Trunk Channels** screen in the right pane as shown below. Verify that the **Status** is **Valid**, and that the **Instances** value is sufficient for the desired maximum number of simultaneous faxes.



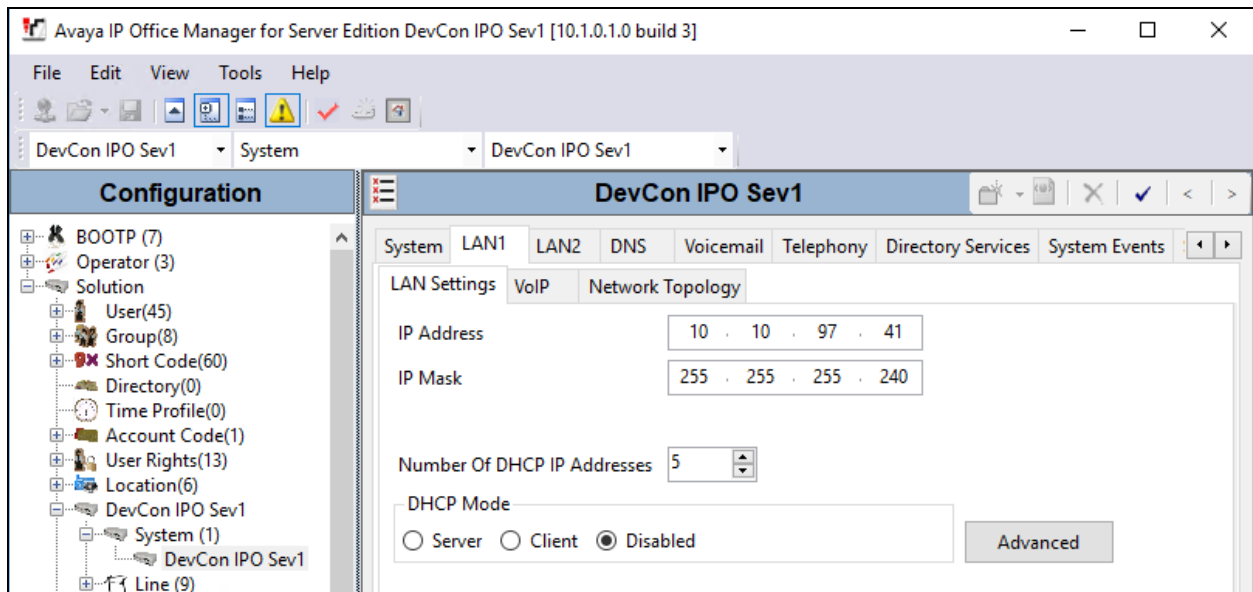
The screenshot shows the Avaya IP Office Manager for Server Edition DevCon IPO Sev1 [10.1.0.1.0 build 3] interface. The left pane displays the configuration tree, and the right pane shows the 'License' tab with a table of features and their instances.

Feature	Key	Instances	Status	Expiration Date	Source
Avaya IP endpoints	N/A	384	Valid	Never	PLDS Nodal
<b>SIP Trunk Channels</b>	N/A	<b>128</b>	<b>Valid</b>	<b>Never</b>	<b>PLDS Nodal</b>
CTI Link Pro	N/A	2	Valid	Never	PLDS Nodal
3rd Party IP Endpoints	N/A	384	Valid	Never	PLDS Nodal
Server Edition R10	N/A	255	Valid	Never	PLDS Nodal
UMS Web Services	N/A	255	Valid	Never	PLDS Nodal
Avaya Mac Softphone	N/A	100	Valid	Never	PLDS Nodal
SM Trunk Channels	N/A	128	Valid	Never	PLDS Nodal
Web Collaboration	N/A	64	Valid	Never	PLDS Nodal
Avaya Contact Center Select	N/A	1	Valid	Never	PLDS Nodal
Devlink3 External Recorder	N/A	1	Valid	Never	PLDS Nodal
Server Edition Upgrade 255	DKt...	1	Obsol...	Never	ADI Nodal
Server Edition Upgrade 10 255	D4x...	10	Obsol...	Never	ADI Nodal
CTI Link Pro	TvKr...	255	Obsol...	Never	ADI Nodal
Wave User	2v0...	255	Obsol...	Never	ADI Nodal

## 5.2. Obtain LAN IP Address

From the configuration tree in the left pane, select **DevCon IPO Sev1** → **System** → **DevCon IPO Sev1** to display the screen in the right pane, where **DevCon IPO Sev1** is the name of the IP Office system.

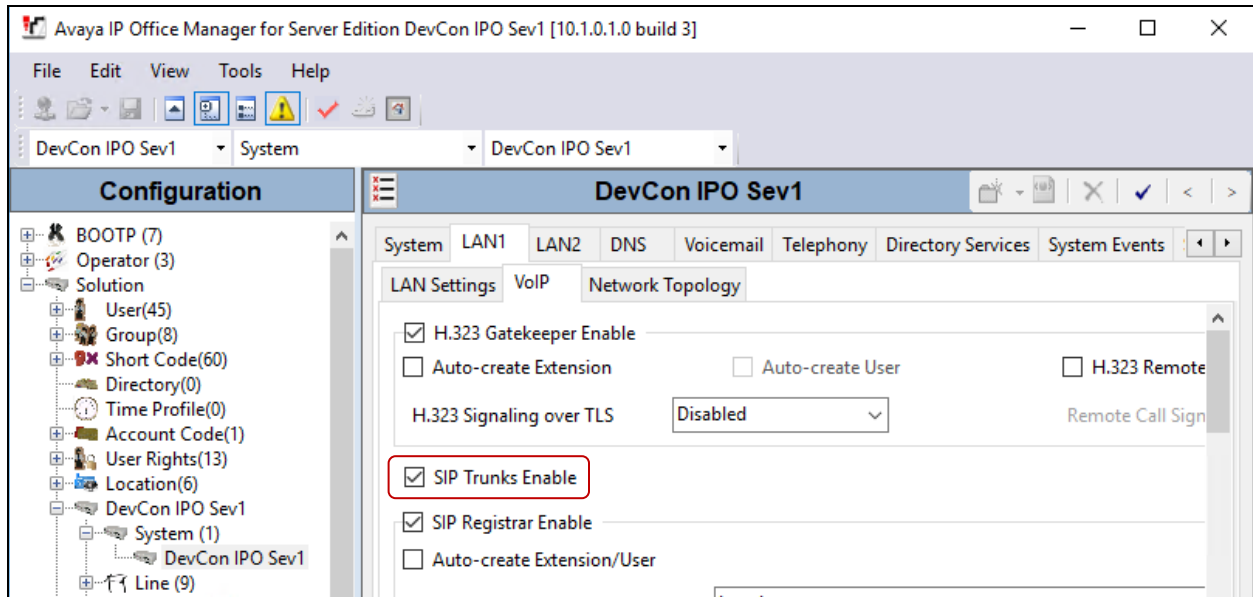
Select the **LAN1** tab, IP Office can support LAN1 and/or LAN2 interfaces, however during compliance testing the LAN1 interface was used. From the **LAN Settings** sub-tab, note the **IP Address** configured, which is **10.10.97.41**. This IP address is required while configuring XMediusFAX fax server in **Section 6.2**.





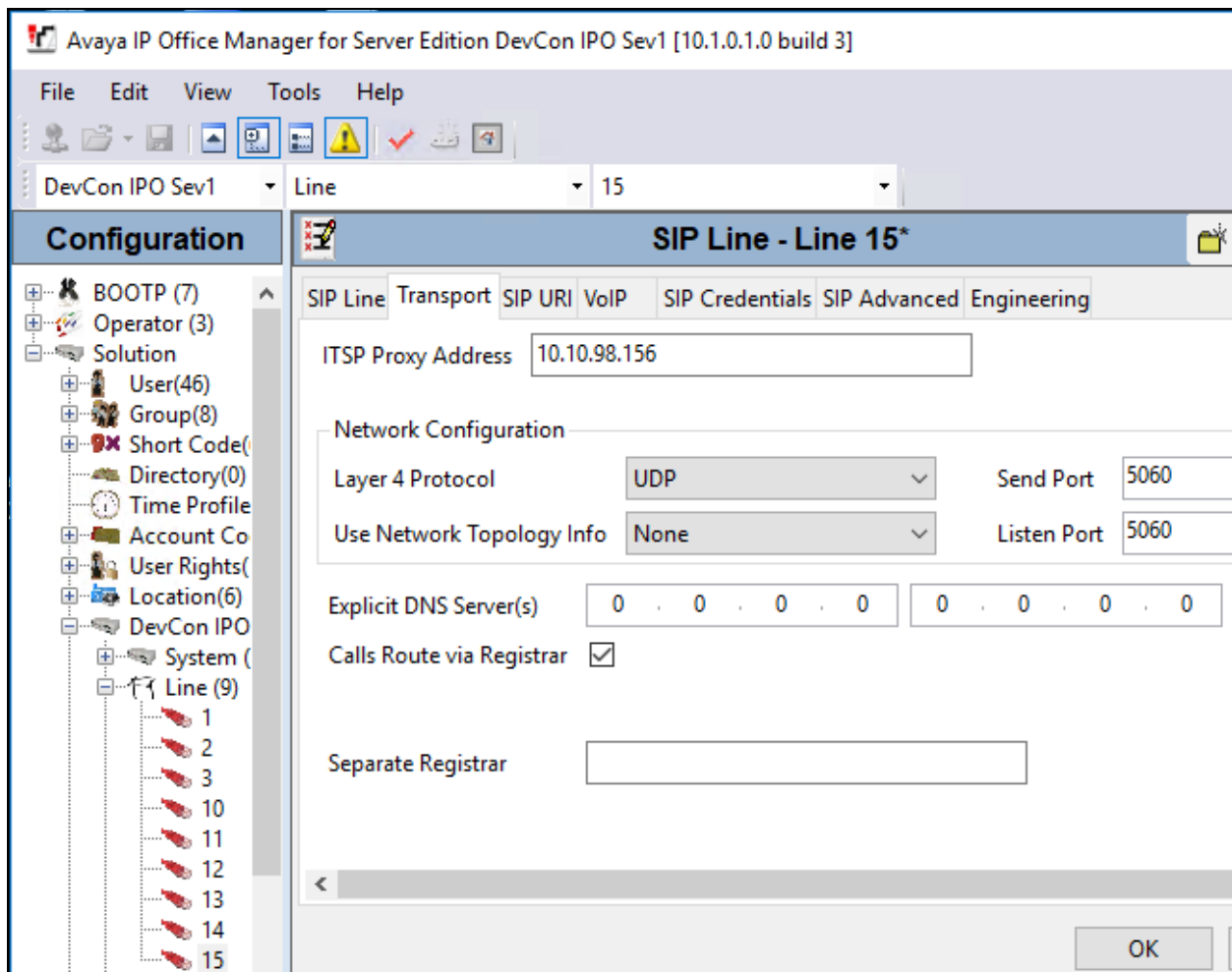
### 5.3. Enable SIP Trunks

Select the **VoIP** sub-tab. Make certain that **SIP Trunks Enable** is checked, as shown below.



## 5.4. Administer SIP Line

From the configuration tree in the left pane, right-click on **Line** and select **New → SIP Line** from the pop-up list to add a new SIP line. Select the **Transport** tab in the right pane. For **ITSP Proxy Address**, enter the IP address of XMediusFAX. Retain the default values for the remaining fields. During compliance testing both **TCP** and **UDP** was tested for **Layer 4 Protocol**, however in the example below only **TCP** is shown.



Select the **SIP URI** tab, and click **Add** to display the **New URI** section. Select **Auto** for **Local URI**, **Contact**, and **Display Name**. Enter unused group numbers for **Incoming Group** and **Outgoing Group**. Set **Max Sessions** to the maximum number of simultaneous faxes allowed by the XMediusFAX license, in this case **10**. Retain the default values in the remaining fields.

Avaya IP Office Manager for Server Edition DevCon IPO Sev1 [10.1.0.1.0 build 3]

File Edit View Tools Help

DevCon IPO Sev1 Line 15

**Configuration**

BOOTP (7)  
Operator (3)  
Solution  
User(46)  
Group(8)  
Short Code(6)  
Directory(0)  
Time Profile  
Account Coc  
User Rights(1)  
Location(6)  
DevCon IPO  
System (7)  
Line (9)  
1  
2  
3  
10  
11  
12  
13  
14  
15  
Control U  
Extension  
User (28)  
Group (5)  
Short Co  
Service (0)  
Incoming  
IP Route  
License (0)  
ARS (3)  
Location  
Authoriza  
DevCon IPO

**SIP Line - Line 15\***

SIP Line Transport SIP URI VoIP SIP Credentials SIP Advanced Engineering

URI	Groups	Local URI	Contact	Display Name	Identity	Header	Originator Number	Send Cal

Add...  
Remove  
Edit...

**New URI**

OK  
Cancel

Local URI Auto  
Contact Auto  
Display Name Auto

Identity  
Identity None  
Header P Asserted ID

**Forwarding And Twinning**

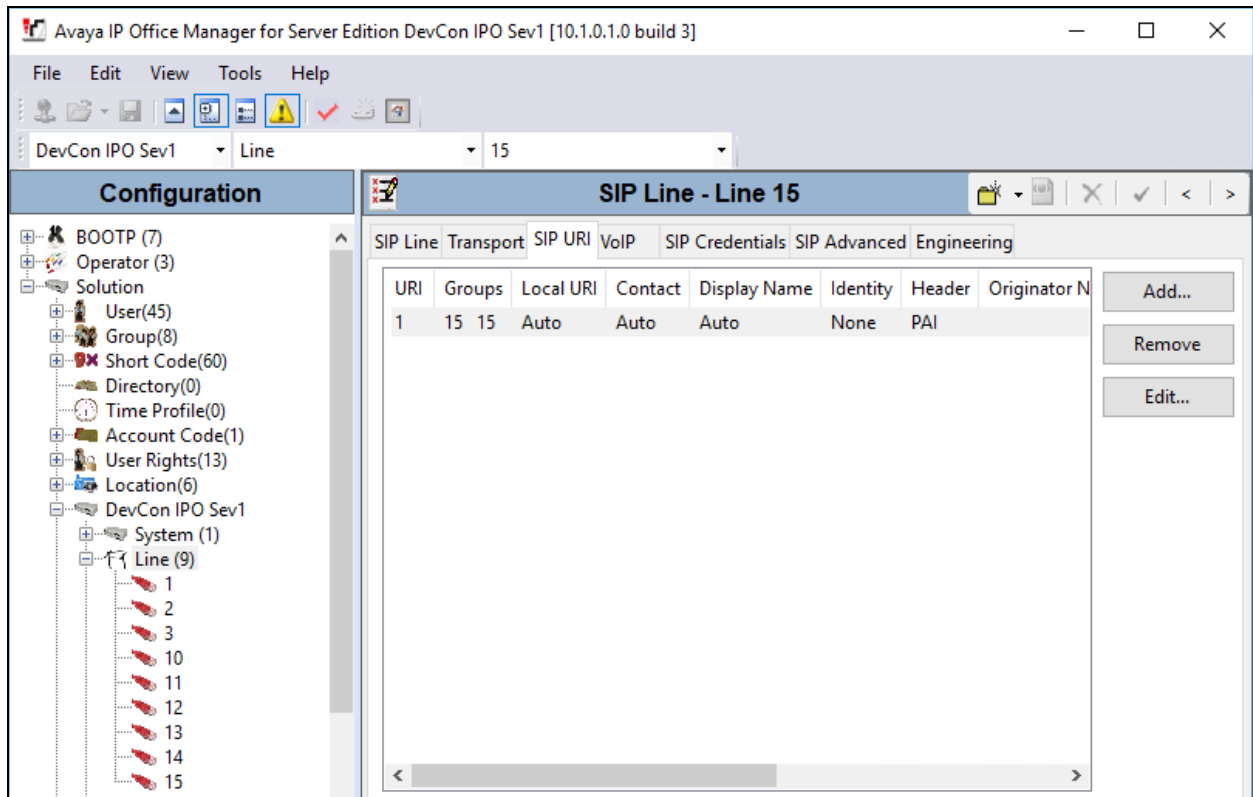
Originator Number  
Send Caller ID None

Diversion Header None

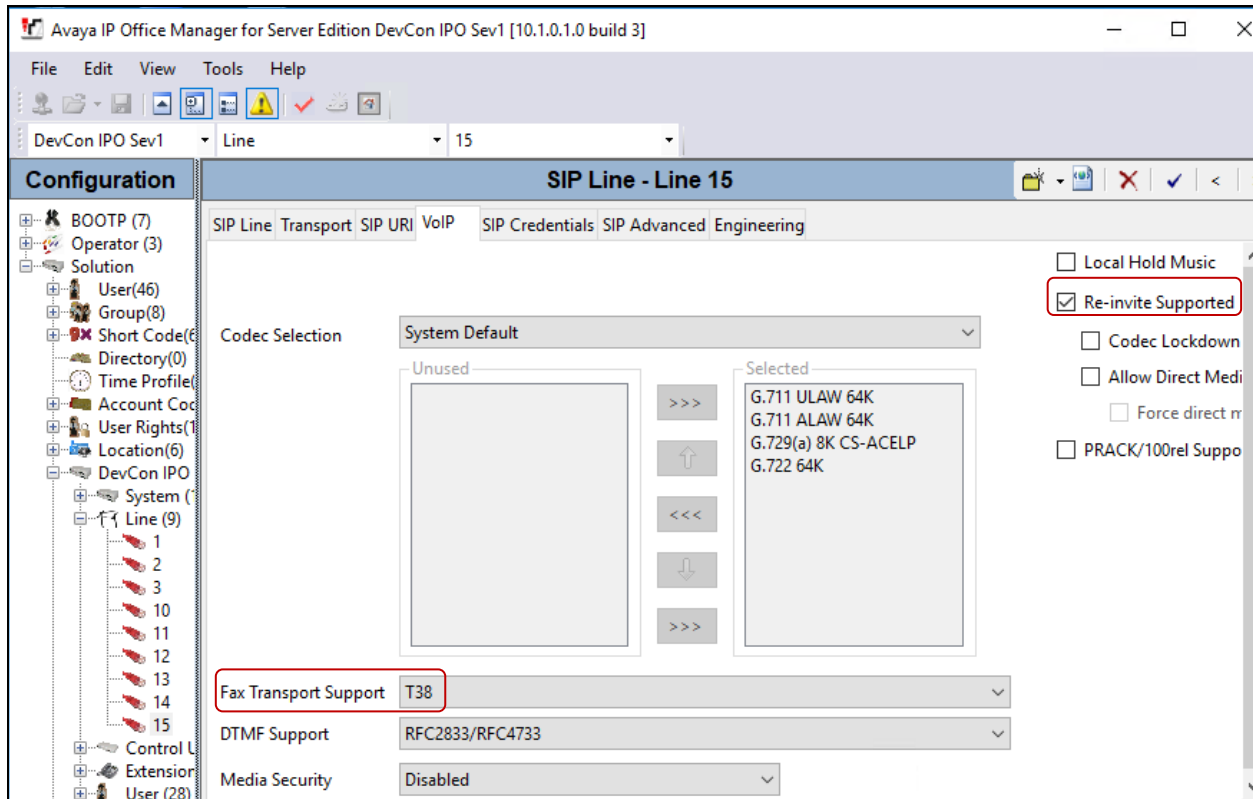
Registration 0: <None>

Incoming Group 0  
Outgoing Group 15  
Max Sessions 10

The screen is updated, as shown below.

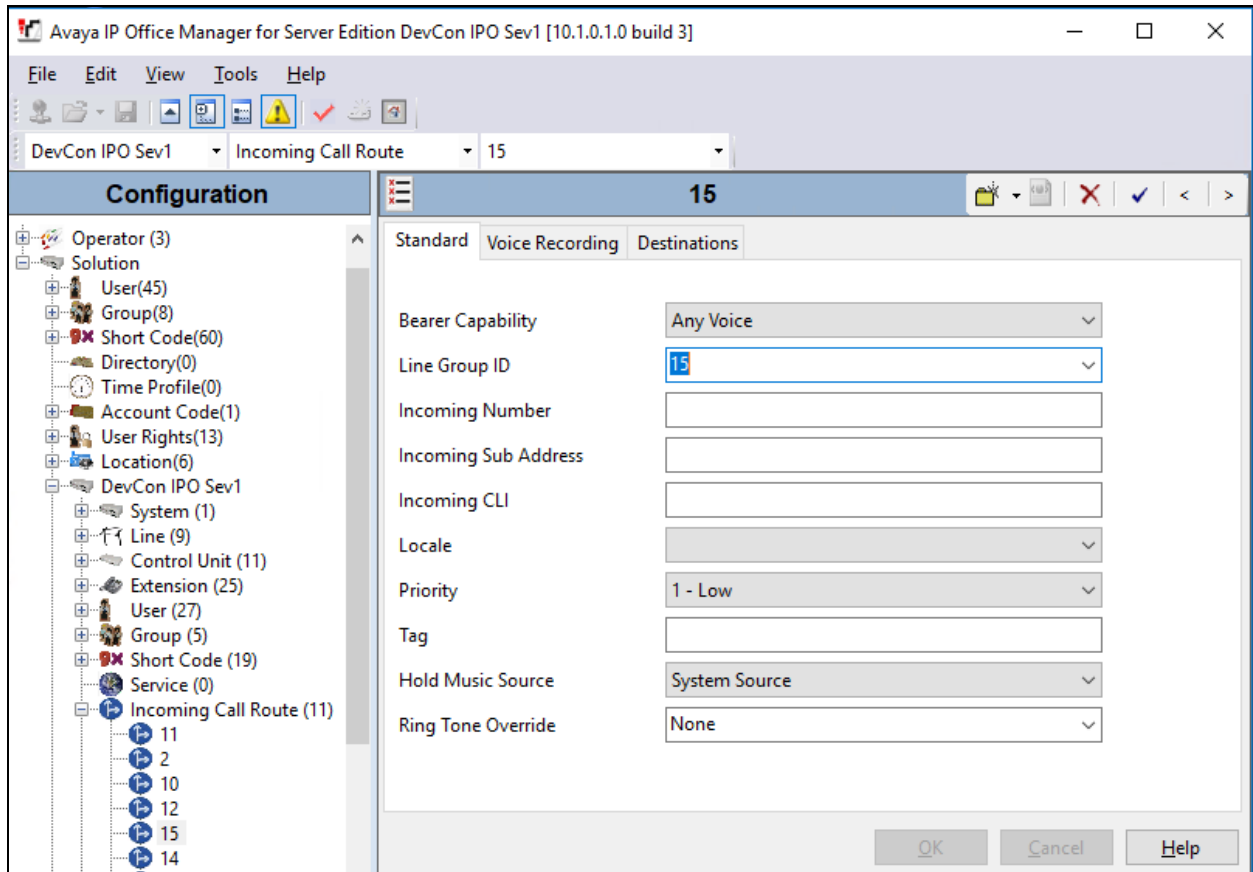


Select the **VoIP** tab. Check **Re-invite Supported** and for **Fax Transport Support**, select **T38** from the drop-down list. Retain the default values in the remaining fields.

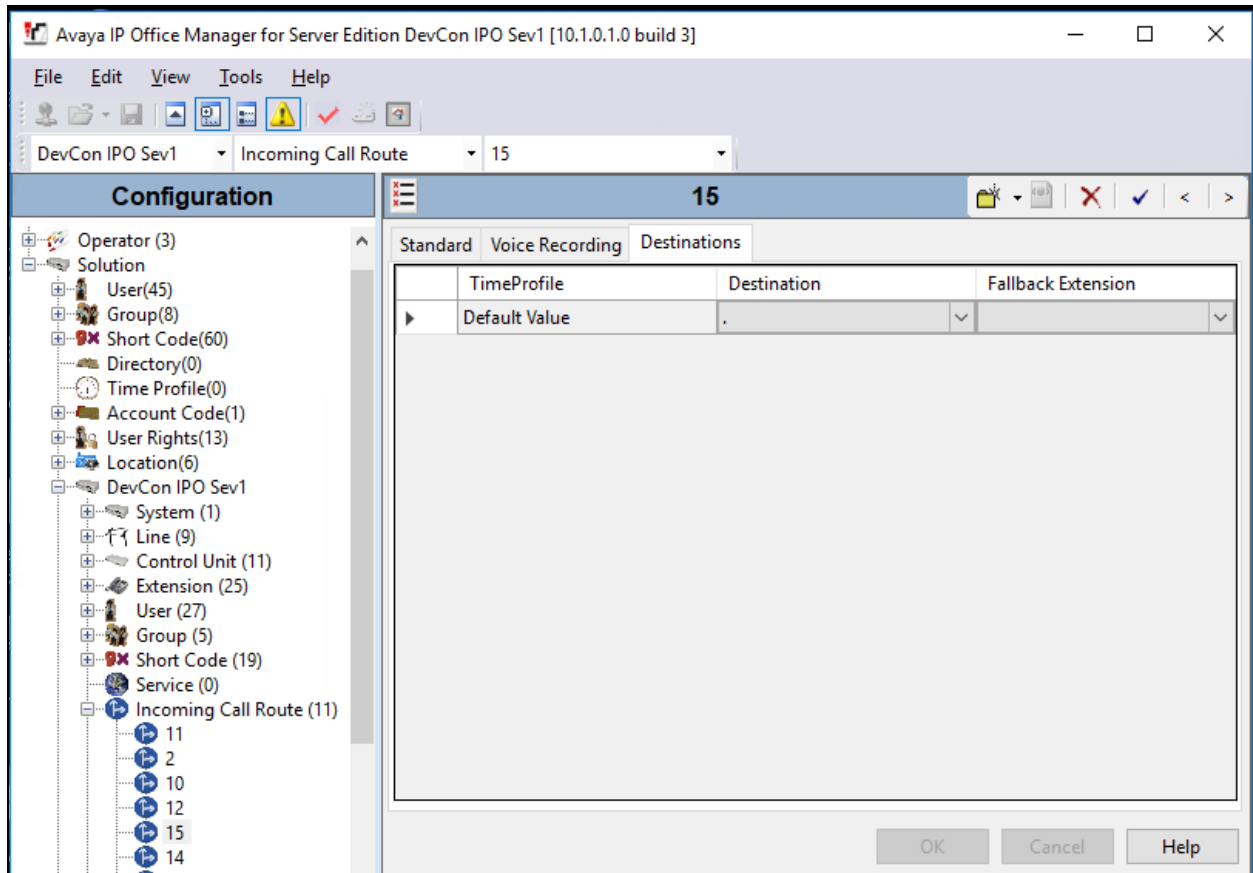


## 5.5. Administer Incoming Call Route

From the configuration tree in the left pane, right-click on **Incoming Call Route**, and select **New** from the pop-up list to add a new route. For **Line Group ID**, select the incoming group number from **Section 5.4**, in this case **15**.



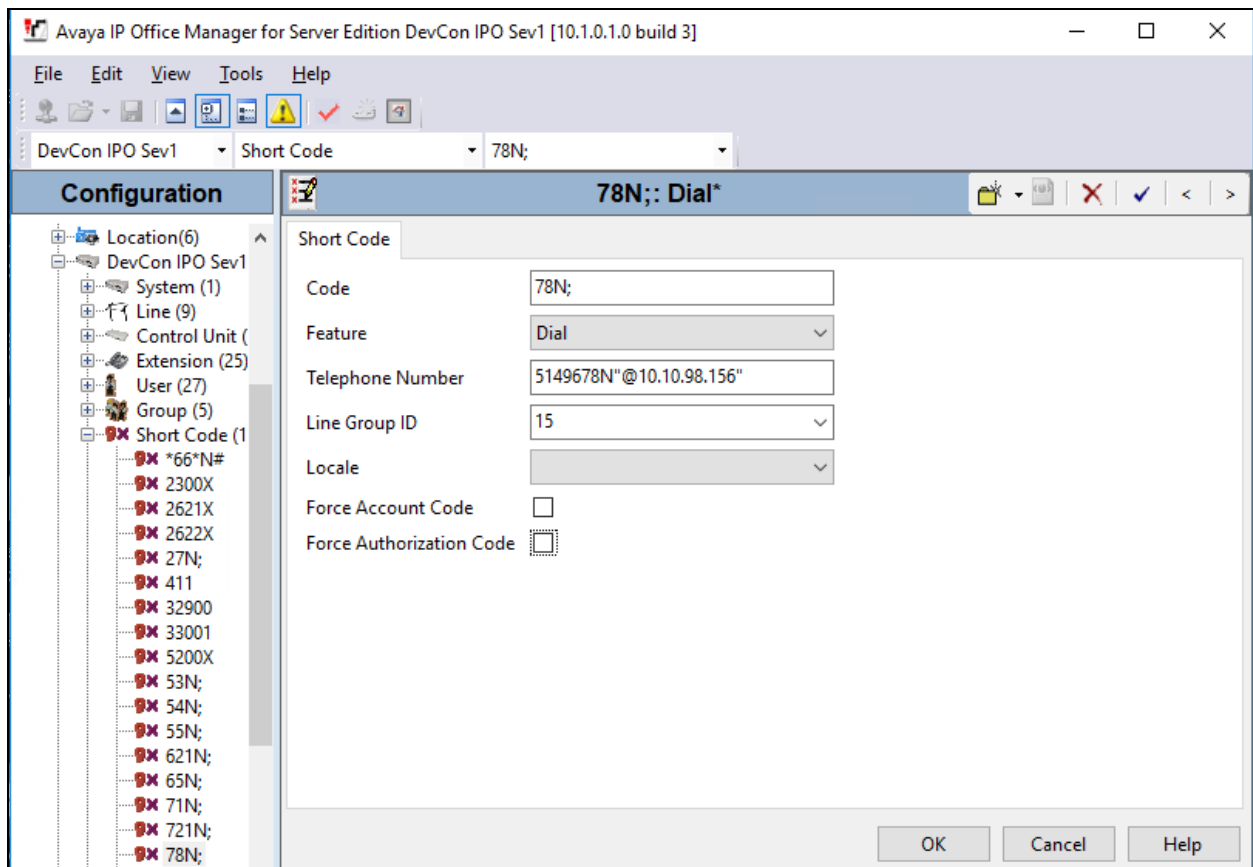
Select the **Destinations** tab. For **Destination**, enter “.” to match any dialed number from XMediusFAX.



## 5.6. Administer Short Code

From the configuration tree in the left pane, right-click on **Short Code** and select **New** from the pop-up list to add a new short code for fax calls to XMediusFAX. In the compliance testing, users on IP Office are designated with fax numbers 78xxx, and faxes are routed over the SIP trunks to XMediusFAX.

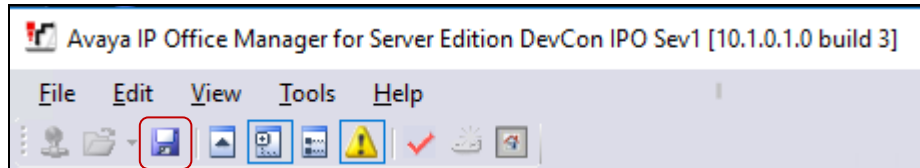
For **Code**, enter **78N;**; and for **Feature**, select **Dial** from the drop-down list. For **Telephone Number**, enter the appropriate value where **78N** corresponds to the short code, **51496** is the PSTN prefix, and **10.10.98.156** is the IP address of XMediusFAX. For **Line Group ID**, enter the outgoing group number from **Section 5.4**.





## 5.7. Save Configuration

Once all the configurations are complete, the changes need to be saved on the IP Office System. Click on the Save icon as shown in the screen below to save the changes, a subsequent window will appear (not shown) asking the user to proceed with the changes made to the IP Office system/s or not. Click on the **OK** button to confirm.



## 6. Configure XMedius Solutions Inc XMediusFAX

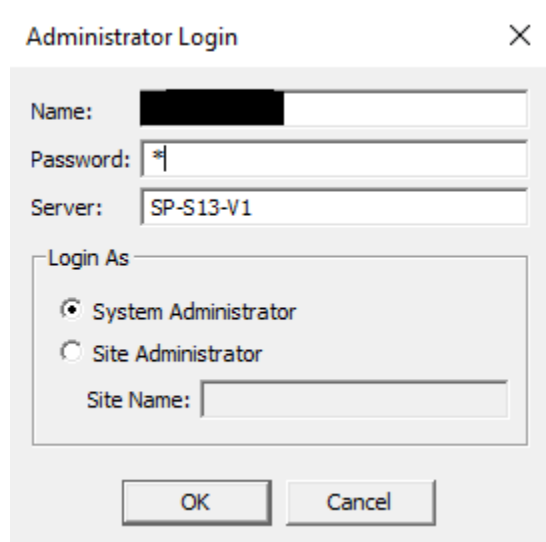
This section provides the procedures for configuring XMediusFAX fax server. The procedures include the following areas:

- Launch application
- Administer driver
- Restart service
- Administer fax users

Note that as part of the XMediusFAX installation, the IP Office IP address was entered, and a site name was created. In this case it is the IP address associated with the IP Office primary system.

### 6.1. Launch Application

From the XMediusFAX fax server, select **Start → Windows Administrative Tools → XMediusFAX** to launch the application. The **Administrator Login** screen below is displayed. Log in using the appropriate credentials.

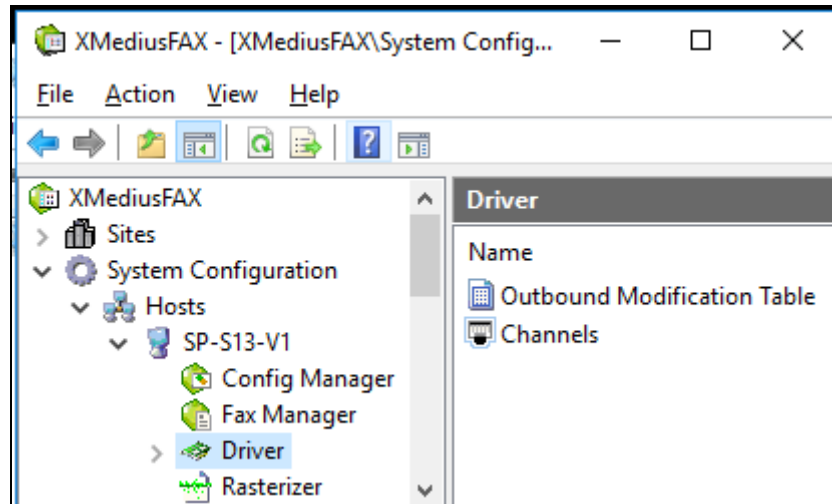


The image shows a Windows-style dialog box titled "Administrator Login" with a close button (X) in the top right corner. The dialog contains the following fields and controls:

- Name:** A text input field with a blacked-out value.
- Password:** A text input field with a masked value (asterisks).
- Server:** A text input field containing the value "SP-S13-V1".
- Login As:** A section containing two radio buttons:
  - ☒ System Administrator
  - ☐ Site Administrator
- Site Name:** A text input field located below the "Login As" section.
- Buttons:** "OK" and "Cancel" buttons at the bottom.

## 6.2. Administer Driver

The XMediusFAX screen below is displayed next. Navigate to **XMediusFAX → System Configuration → Hosts → SP-S13-V1 → Driver**, where **SP-S13-V1** is the host name of the XMediusFAX fax server. Right click on **Driver**, and select **Properties**.

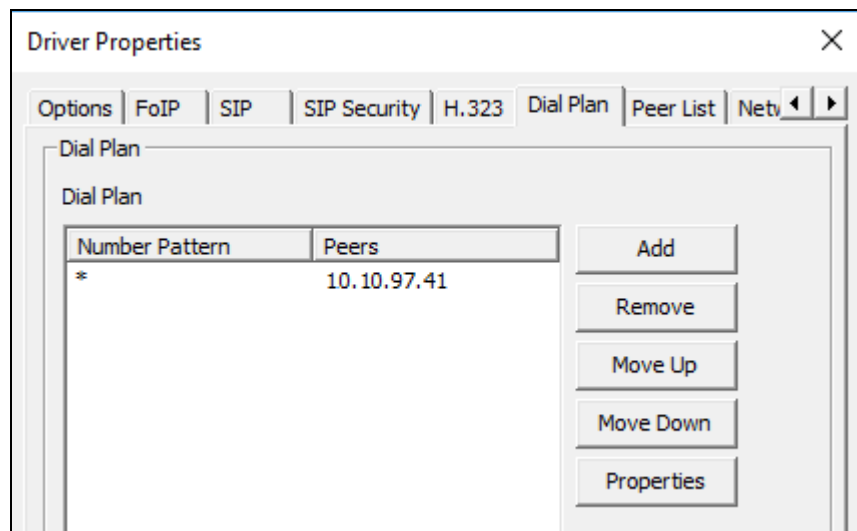


The **Driver Properties** screen is displayed. For **Maximum Number of Channels** and **Preferred Number Of Channels**, enter the maximum number of simultaneous faxes allowed by the XMediusFAX license, in this case **10** since these are the channels configured in IP Office in **Section 5.4**. Retain the default values in the remaining fields.

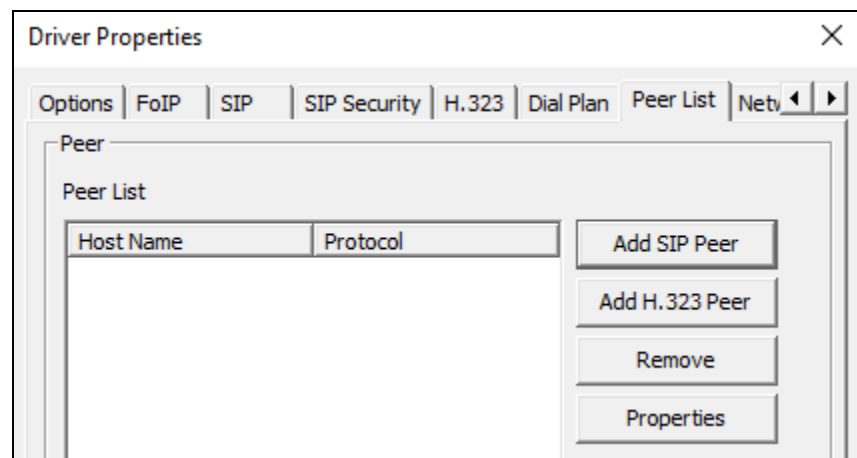
The screenshot shows the 'Driver Properties' dialog box with the 'FoIP' tab selected. The 'Options' section contains fields for 'Number of Channels' (10), 'Log Size (MB)' (20), 'Information Logging Level' (Information), a checked 'Enable Log Archiving' checkbox with an 'Archive Retention (in days)' of 15, an unchecked 'Debug' checkbox, and a 'Display Name' of 'SP-S13-V1'. The 'FoIP Channel Configuration' section has 'Maximum Number Of Channels:\*' and 'Preferred Number Of Channels' both set to 10, which are highlighted by a red rectangle. A note at the bottom states: '\*Changes to properties marked with an asterisk will take effect when the service is restarted.' The 'OK' and 'Cancel' buttons are at the bottom right.

Options	FoIP	SIP	SIP Security	H.323	Dial Plan	Peer List	Netv
<b>Options</b>							
Number of Channels:	10						
Log Size (MB):	20						
Information Logging Level:	Information						
<input checked="" type="checkbox"/> Enable Log Archiving							
Archive Retention (in days):	15						
<input type="checkbox"/> Debug							
Display Name:	SP-S13-V1						
<b>FoIP Channel Configuration</b>							
Maximum Number Of Channels:*	10						
Preferred Number Of Channels:	10						
*Changes to properties marked with an asterisk will take effect when the service is restarted.							
<b>OK</b> <b>Cancel</b>							

Select the **Dial Plan** tab, and configure as desired. In the compliance testing, the default setting was used to route any dialed number to IP Office. Note that the default setting was automatically created using the IP Office IP address that was entered as part of installation.



Select the **Peer List** tab and click on the **Add SIP Peer** button.



The **Peer Properties** screen is displayed. For **Host Name**, enter the IP address of IP Office as noted in **Section 5.2** and for **Transport**, select **TCP** from the drop down as it was used during compliance testing as configured in **Section 5.4**. Retain the default values for all other fields. Note that **UDP** was also tested during this compliance testing.

Peer Properties

General | T.38 | Codecs | Inbound Modification Table

Options

Host Name: 10.10.97.41

Transport: TCP

Port: 5060

Media Type: T.38 Fax Relay

G.711 fallback delay after fax detection (milliseconds): 3500

Delay Before Call Completion (seconds): 1

Voice Call Timeout (seconds): 40

"user" parameter in SIP URI: phone

VIA and CONTACT Headers Host Name Override:

☐ Use Proxy

Host Name:

SIP From Header Details

Display Name:

User: \$SenderFax\$

Host: \$LocalHostIP\$

SIP Session Timer

☐ Use Session Timer

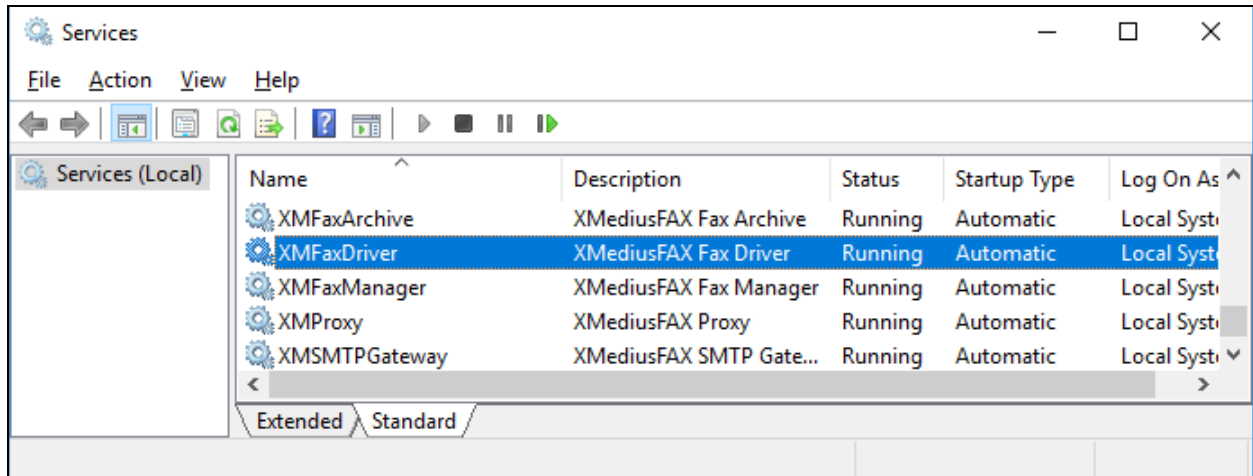
Session Interval (seconds): 1800

Minimum Timer (seconds): 90

OK Cancel

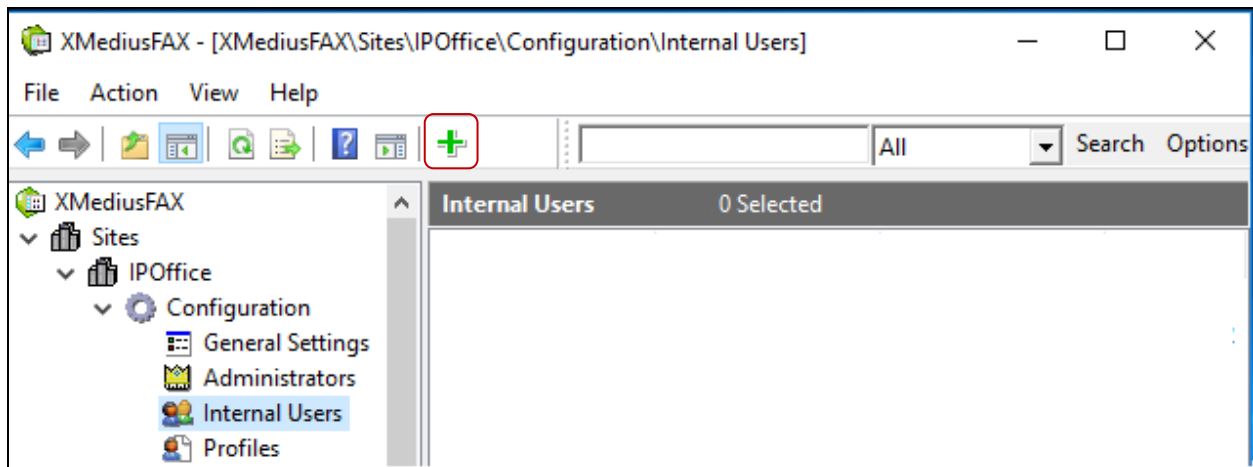
### 6.3. Restart Service

From the **XMediusFAX** server, select **Start → Windows Administrative Tools → Services** to display the **Services** screen. Restart the **XMFaxDriver** service shown below.

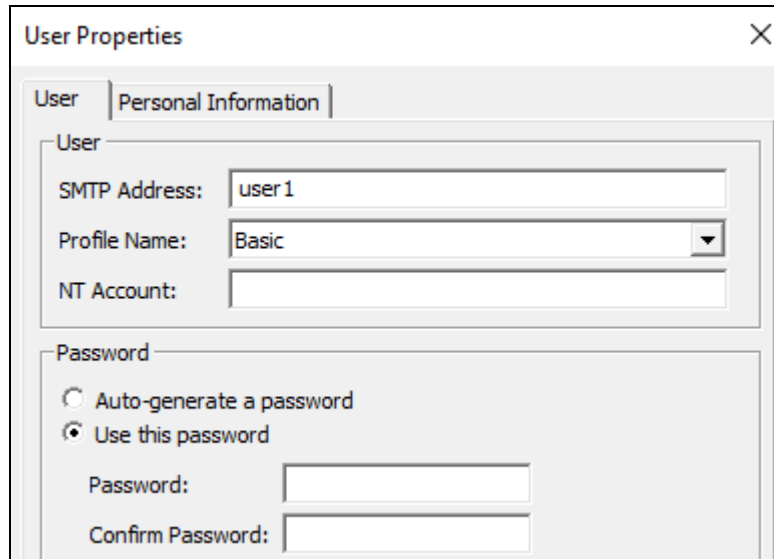


### 6.4. Administer Fax Users

From the **XMediusFAX** screen, select **XMediusFAX → Sites → IPOffice → Configuration → Internal Users** from the left pane, where **IPOffice** is the site name created as part of installation. Click on the **Add Record** icon.



The **User Properties** screen is displayed. Enter desired values for **SMTP Address**. During compliance testing, under **Password** section, **Use this password** was selected and the **Password** and **Confirm Password** fields were configured. Retain the default values in the remaining fields.



The screenshot shows a 'User Properties' dialog box with a close button (X) in the top right corner. It has two tabs: 'User' and 'Personal Information', with 'Personal Information' currently selected. The 'User' section contains three fields: 'SMTP Address' with the value 'user1', 'Profile Name' with a dropdown menu showing 'Basic', and 'NT Account' which is empty. The 'Password' section has two radio buttons: 'Auto-generate a password' (unselected) and 'Use this password' (selected). Below these are two text boxes for 'Password' and 'Confirm Password', both of which are empty.



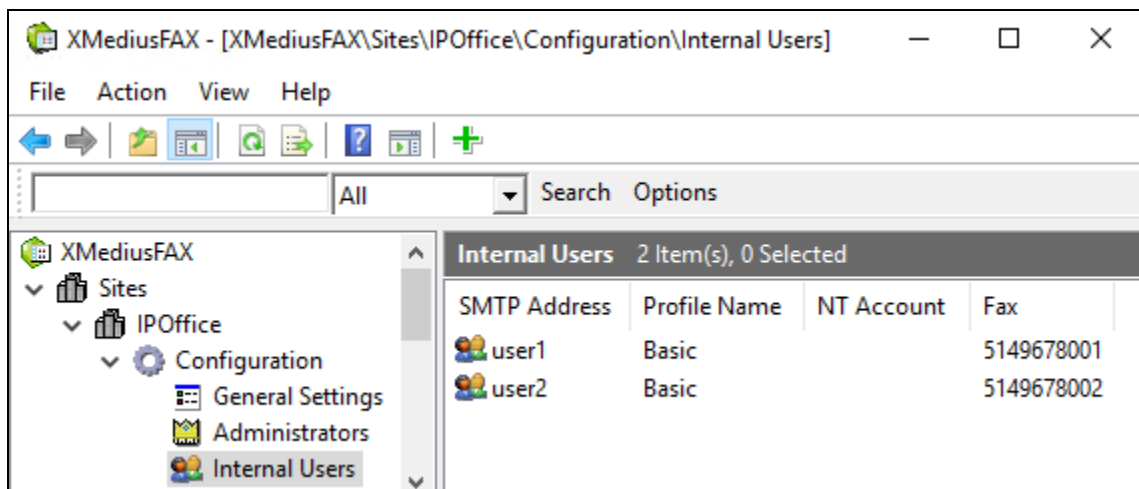
Select the **Personal Information** tab, and enter desired information. In the **Phone Number Information** section, enter the telephone and fax numbers for the first user. Note that these values will be used in the header of the outgoing faxes, therefore the full PSTN telephone number were used.

The image shows a 'User Properties' dialog box with a close button (X) in the top right corner. It has two tabs: 'User' and 'Personal Information', with 'Personal Information' currently selected. The dialog is divided into four main sections, each with a title bar and a group of input fields:

- Personal Information**: Contains fields for Salutation, First Name, Last Name, Title, Cellular, and Pager.
- Billing Information**: Contains fields for Billing Code and Sub Billing Code.
- Organization Information**: Contains fields for Organization, Address, City, State, Country, and Zip.
- Phone Number Information**: Contains fields for Phone (with the value '5149626003') and Fax (with the value '5149678001').

At the bottom right of the dialog are 'OK' and 'Cancel' buttons.

Repeat this section to add all fax users from **Section 3**. In the compliance testing, two fax users were created as shown below. User1 is configured for the primary system and user2 is configured for the expansion system.



## 7. Verification Steps

This section provides the tests that can be performed to verify proper configuration of IP Office and XMediusFAX fax server. Prior to verification, start sending a fax from the PSTN to a fax user on IP Office.

### 7.1. Verify Avaya IP Office

From the **Avaya IP Office Manager for Server Edition** screen shown in **Section 5.1**, select **System Status** from the right pane to launch the System Status application, and log in using the appropriate credentials.

The **IP Office System Status** screen is displayed. Expand **Trunks** in the left pane and select the SIP line from **Section 5.4**, in this case **15**.

Verify that the **SIP Trunk Summary** screen shows an active channel with **Current State** of **Connected**. Also verify that the **Other Party on Call** contains the proper information for the trunk with the PSTN, as shown below. In the compliance testing, line **1** is the existing PRI trunk with the PSTN.

**AVAYA** IP Office System Status

Help Snapshot LogOff Exit About

**System**  
Alarms (19)  
Extensions (6)  
Trunks (9)  
Line: 1  
Line: 2  
Line: 3  
Line: 10  
Line: 11  
Line: 12  
Line: 13  
Line: 14  
Line: 15  
Active Calls  
Resources  
Voicemail  
IP Networking  
Locations

**Status** Utilization Summary Alarms

**SIP Trunk Summary**

Line Service State: In Service  
Peer Domain Name: 10.10.98.156  
Resolved Address: 10.10.98.156  
Line Number: 15  
Number of Administered Channels: 10  
Number of Channels in Use: 1  
Administered Compression: G711 Mu, G711 A, G729 A, G722  
Enable Faststart: Off  
Silence Suppression: Off  
Media Stream: RTP  
Layer 4 Protocol: TCP  
SIP Trunk Channel Licenses: 128  
SIP Trunk Channel Licenses in Use: 1  
SIP Device Features: UPDATE (Incoming and Outgoing)

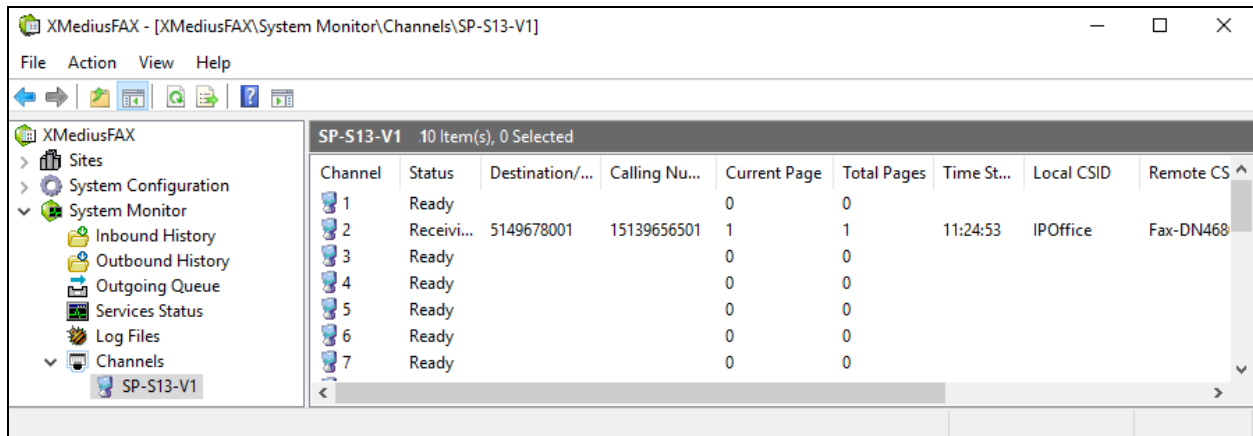
0.78%

Channel U...	Call Ref	Current State	Time in State	Remote Media ...	Co...	Conn...	Caller ID or...	Other Party on Call	Direc...	Round Trip ...	Rece...	Rece...	Tran...	Tran...
1	0	92	Conn...	00:00...	10.10...	G7...	VCM	Line: 1 IP Office	Outg...	0ms	6.4ms	0%	0ms	0%
2			Idle	4 day...										

## 7.2. Verify XMedius Solutions Inc XMediusFAX

From the XMediusFAX screen, select **XMediusFAX → System Monitor → Channels → SP-S13-V1**, to display the status of the channels in the right pane.

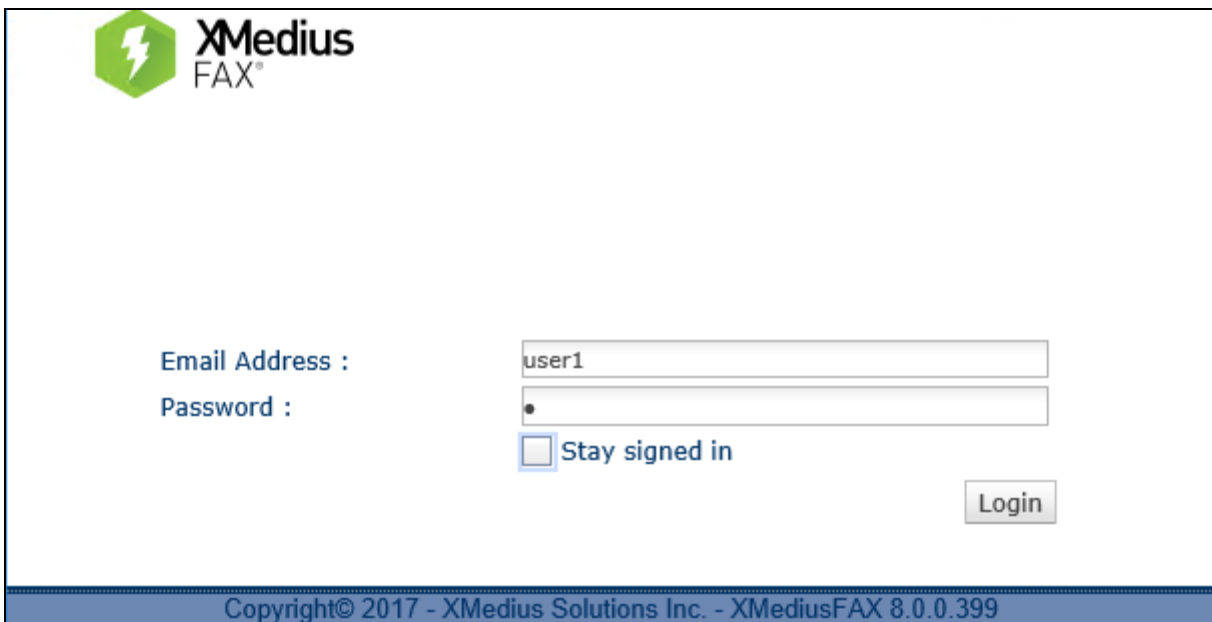
Verify that there is an active channel with the fax destination shown in **Destination/DNIS/DID**.



The screenshot shows the XMediusFAX application window with the title bar "XMediusFAX - [XMediusFAX\System Monitor\Channels\SP-S13-V1]". The left sidebar contains a tree view with the following items: Sites, System Configuration, System Monitor (expanded), Inbound History, Outbound History, Outgoing Queue, Services Status, Log Files, and Channels (expanded). Under Channels, "SP-S13-V1" is selected. The main pane displays a table titled "SP-S13-V1 .10 Item(s), 0 Selected".

Channel	Status	Destination/...	Calling Nu...	Current Page	Total Pages	Time St...	Local CSID	Remote CS
1	Ready			0	0			
2	Receivi...	5149678001	15139656501	1	1	11:24:53	IPOffice	Fax-DN468
3	Ready			0	0			
4	Ready			0	0			
5	Ready			0	0			
6	Ready			0	0			
7	Ready			0	0			

Access the XMediusFAX web interface by using the URL “http://ip-address/fax” in an Internet browser window, where “ip-address” is the IP address of XMediusFAX fax server. Log in using the appropriate fax user credentials from **Section 6.4**.

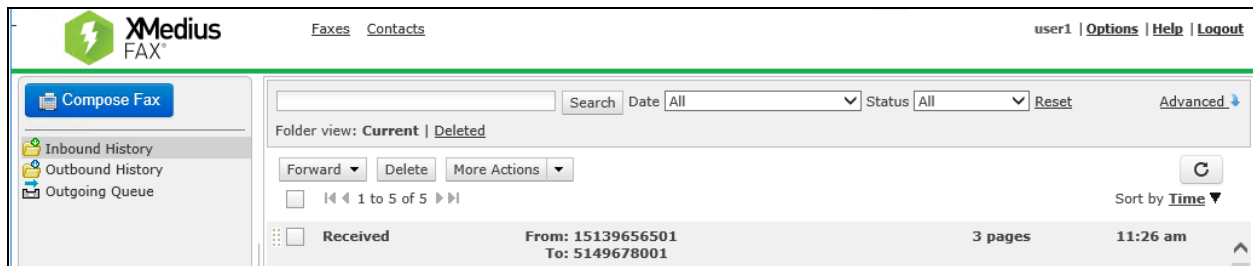


The screenshot shows the XMedius FAX web interface. At the top left is the XMedius FAX logo. Below it, the login form contains the following elements:

- Email Address :** A text input field containing "user1".
- Password :** A password input field with a masked character (dot).
- ☐ **Stay signed in**
- Login** button

At the bottom of the page, a blue footer bar contains the text: "Copyright© 2017 - XMedius Solutions Inc. - XMediusFAX 8.0.0.399".

The XMediusFAX screen below is displayed. After the incoming fax completes, select **Inbound History** from the left pane. Verify that there is an entry showing the new incoming fax, with proper values. Click on the received fax, and verify that the incoming fax can be viewed.



## 8. Conclusion

These Application Notes describe the configuration steps required for XMedius Solutions Inc XMediusFAX fax server to successfully interoperate with Avaya IP Office Server Edition. All feature and serviceability test cases were completed with observations if any noted in **Section 2.2**.

## 9. Additional References

This section references the Avaya documentation relevant to these Application Notes. The following Avaya product documentation is available at <http://support.avaya.com>.

1. *Deploying IP Office™ Platform Server Edition Solution*, Release 10.1, June 2017.
2. *Administering Avaya IP Office™ Platform with Manager*, Release 10.1, June 2017.
3. *Deploying Avaya IP Office™ Platform IP500 V2*, 15-601042 Issue 32f - (20 July 2017).

Product information for the XMediusFAX fax server may be obtained by contacting XMedius Solutions Inc.

1. *XMediusFAX 8.0 Administrator Guide, Version Number 8.0.0.334 – March 2016*.
2. *XMediusFAX 8.0 User Guide, Version Number 8.0.0.334 – March 2016*.
3. *XMediusFAX 8.0 Installation and Maintenance Guide, Version Number 8.0.0.431 – November 2017*.
4. *XMediusFAX 8.0 Release Notes, Version 8.0 November 2015*.

---

**©2018 Avaya Inc. All Rights Reserved.**

Avaya and the Avaya Logo are trademarks of Avaya Inc. All trademarks identified by ® and ™ are registered trademarks or trademarks, respectively, of Avaya Inc. All other trademarks are the property of their respective owners. The information provided in these Application Notes is subject to change without notice. The configurations, technical data, and recommendations provided in these Application Notes are believed to be accurate and dependable, but are presented without express or implied warranty. Users are responsible for their application of any products specified in these Application Notes.

Please e-mail any questions or comments pertaining to these Application Notes along with the full title name and filename, located in the lower right corner, directly to the Avaya DevConnect Program at [devconnect@avaya.com](mailto:devconnect@avaya.com).