



Avaya Solution & Interoperability Test Lab

Application Notes for Configuring Avaya Communication Server 1000E with Nu Technologies™ orbi-tel^{xps} using an IP Buffer - Issue 1.0

Abstract

These Application Notes describe the configuration steps required for Avaya Communication Server 1000E 7.5 to interoperate with Nu Technologies orbi-tel^{xps} 4.0.600 using an IP Buffer.

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

Nu Technologies orbi-tel^{XPS} call accounting software runs as a Windows Service and all of its functions, configuration, and call reports are accessible through a standard web browser. Nu Technologies orbi-tel^{XPS} collects Call Detail Records from the Avaya Communication Server 1000E via an IP Buffer. The IP Buffer is configured via a web interface to receive and buffer Call Detail Records from the Avaya Communication Server 1000E which then pushes these reports to the orbi-tel^{XPS} at scheduled intervals where they are converted into a common internal format. The IP Buffer is connected to the Avaya Communication Server 1000E using a serial connection. The web interface of the orbi-tel^{XPS} also allows the system to be updated for additional Avaya Communication Server 1000E's and for general maintenance. Users can use this web interface for reporting purposes including a full range of self customisable call list reports and full summarised reports for individuals, departments and a whole organisation.

2. General Test Approach and Test Results

The general test approach was to configure the orbi-tel^{XPS} to communicate with the Avaya Communication Server 1000E (CS100E) as implemented on a customer's premises. Testing focused on verifying that Call Detail Records (CDR) are collected by the IP buffer and received in the format as generated by the CS1000E. The orbi-tel^{XPS} application is able to collect the CDR data using File transfer Protocol from the IP buffer. Various call scenarios were performed to simulate real call types as would be observed on a customer premises. See **Figure 1** for a network diagram. The interoperability compliance test included both feature functionality and serviceability tests.

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.

2.1. Interoperability Compliance Testing

The testing included:

- Verification of connectivity between orbi-tel^{XPS}/IP buffer and CS1000E using a serial connection.
- Verification that CDR data was collected as output by the CS1000E.
- Link Failure\Recovery was also tested to ensure successful reconnection after link failure.
- CDR data collected included:
 - Local internal call handling
 - Handling of Incoming Network calls over PRI and SIP trunks
 - Handling of External Calls
 - Call Forwarding on busy or No Answer
 - Transfers – Blind and Supervised
 - Call Park and Call Pick Up

Ring again
Account Codes
Authorization codes
Conference Calls

- Daylight Savings
- Handling of calls to and from Avaya IP UniStim, SIP, Digital, and Analog Deskphones
- Handling of calls over SIP and QSIG trunks
- Defence Tests to ensure recovery following LAN interruptions

2.2. Test Results

Tests were performed to insure full interoperability between orbi-tel^{XPS}/IP buffer and CS1000E. The tests were all functional in nature and performance testing was not included. All the test cases passed successfully.

2.3. Support

Technical support from Nu Technologies can be obtained through the following:

Phone: +44 1582 814700
E-mail: support@nut.eu.com.
Web: <http://www.nut.eu.com>

3. Reference Configuration

Figure 1 illustrates the network topology used during compliance testing. The Avaya solution consists of a CS1000E which is configured to output CDR data to orbi-tel^{xps} via an IP buffer. The CS1000E connects to the IP buffer using a serial connection. The CDR data is sent to and stored on the IP Buffer which is retrieved by the orbi-tel^{xps} application at defined periods. During compliance testing to test the Multi-Site feature of the orbi-tel^{xps} multiple sites were configured on the orbi-tel^{xps} server. To ensure that records were collected by the second site the IP address of the IP buffer was changed. The orbi-tel^{xps} then collected these records as to simulate a second site. Analog, Digital, UniStim, SIP and Soft phones were configured on the CS1000E to generate intra-switch calls (calls between phones on the same system), and outbound/inbound calls to/from the PSTN. QSIG and SIP trunks were configured to connect to the PSTN. The System Manager was used to configure the SIP Trunks on the Session Manager. The FALC and DLC were used to connect the Analog and Digital Deskphones to the CS1000E.

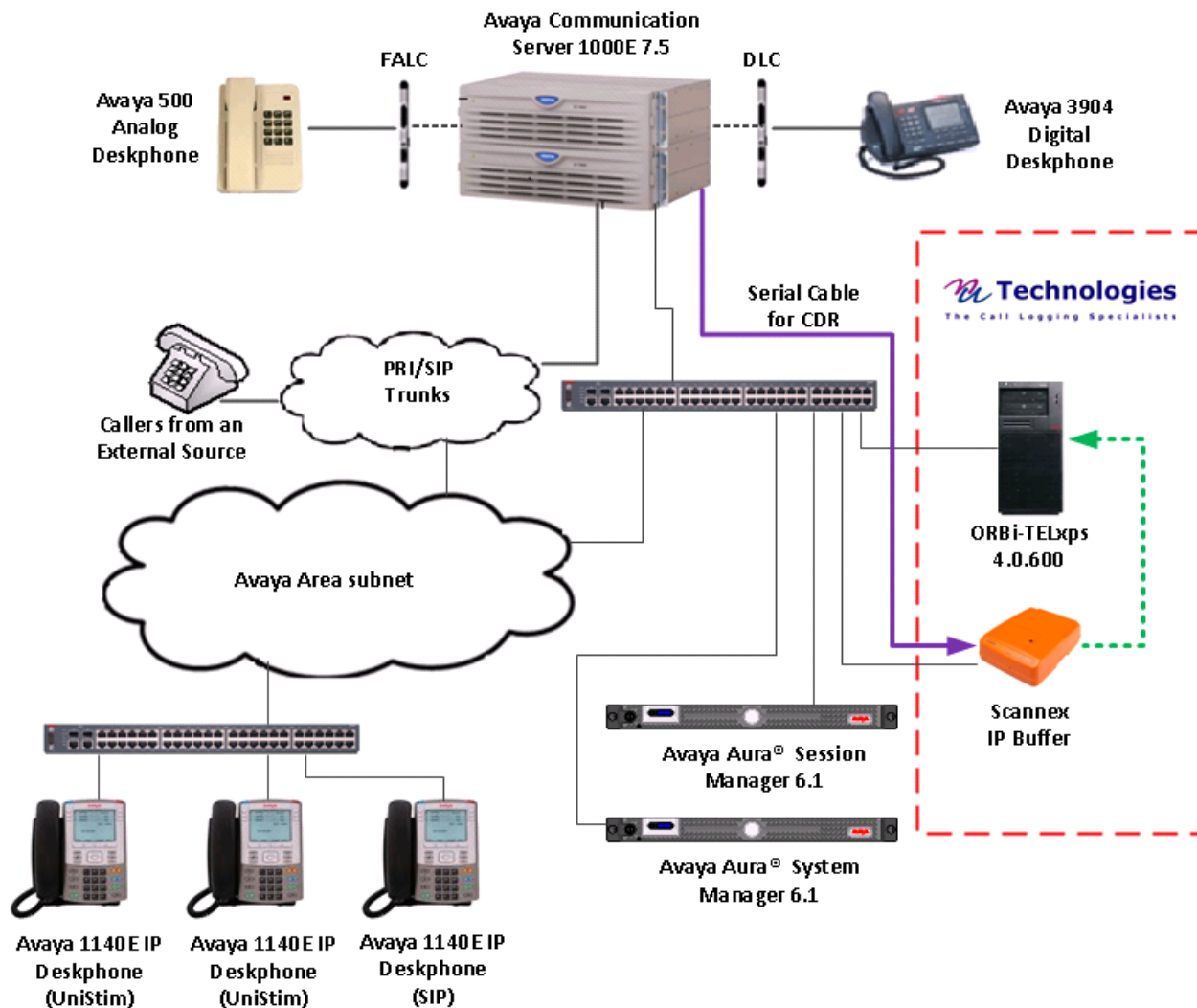


Figure 1: Avaya CS1000E and Nu Technologies orbi-tel^{xps} Reference Configuration

4. Equipment and Software Validated

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

| Avaya Equipment | Software / Firmware Version |
|---|---|
| Call Processor Pentium Mobile (CPPM) Avaya Media Gateway NTDW60 | Avaya Communication Server 1000E R7.5 FPGA AA18 |
| Avaya S8800 Server running Avaya Aura® System Manager | Avaya Aura® System Manager R6.1 Build 6.1.0023 |
| Avaya S8800 Server running Avaya Aura® Session Manager | Avaya Aura® Session Manager R6.1 Build 6.1.0012 |
| Avaya Flexible Analog Line Card | NT5K02QC |
| Avaya Digital Line Card | NT8D02 |
| Avaya 1100 series IP Telephones <ul style="list-style-type: none">• 1140e | 0625C8A (UniStim 5.0) SIP FW 04.00.04.00.bin |
| Avaya 3904 Digital set | F/W 2.4 |
| Avaya Analog set | NT2N73AA |
| Nu Technologies Equipment | Software / Firmware Version |
| Dell Latitude running Windows XP Professional SP3 | orbi-tel ^{xps} Version 4.0.600 |
| Scannex IP Buffer | Release IPBCF2.75.199 2012-02-09 / i5.0.10 |

5. Configure Avaya Communication Server 1000E

The configuration operations illustrated in this section were performed using terminal access to the CS1000E over a telnet session. It is implied a working system is already in place. For all other provisioning information such as Installation and Configuration, please refer to the product documentation in **Section 10. Appendix A** has a list of all CS1000E patches, deplists and service packs loaded on the system. The configuration operations described in this section can be summarized as follows:

- Configure a TTY port for collecting CDR data
- Configure CDR Data in the Configuration Data Block
- Configure CDR Data in the Customer Data Block
- Configure Route Data Block
- Configure Telephones for CDR options
- Configure CDR in the Authorization Data Block

Note: In the telnet screenshots below only the unique prompt inputs are shown in **BOLD**. To accept default values carriage return at all other prompts.

The configuration of the SIP Trunk is outside the scope of this application Note.

5.1. Configure a TTY port for collecting CDR data

The communication between the Communication Server 1000E and the orbi-tel^{xps} uses a RS232 serial port. A TTY port needs to be configured on the Communication Server 1000E to support CDR. The IP Buffer monitors the output on this TTY. **USER** needs to be set to **CTY** (Call Detail Recording on Teletype Terminal). In order to configure a new TTY port **LD 17** is used. Subsets of these commands are illustrated below.

LD 17

| Prompt | Response | Description |
|-------------|--------------|-----------------------------|
| > | LD 17 | Enter Overlay 17 |
| REQ | CHG | Change Data |
| TYPE | ADAN | Action Device and Number |
| ADAN | NEW TTY 12 | New I/O device and number |
| CTYP | MGC | Card type |
| IPMG | 4 0 | loop and Card |
| PORT | 2 | Port number |
| DNUM | 13 | Device number for I/O ports |
| DES | ORBITELE | Designator |
| BPS | 9600 | Bits per Second |
| BITL | 8 | Data Bit Length |
| STOP | 1 | Number of Stop bits |
| PARY | NONE | Parity type |
| FLOW | NO | Flow Control |
| USER | CTY | Output message type |

5.2. Configure CDR Data in the Configuration Data Block

The Format for Call Detail Recording (**FCDR**) needs to be changed in the CDR Data Block to **NEW**. This is the format that orbi-tel^{xps} uses when collecting CDR data. Calling Line Identification (**CLID**) also needs to be changed to **YES**. In order to change the CDR data **LD 17** is used. Subsets of these commands are illustrated below.

LD 17

| Prompt | Response | Description |
|-------------|--------------|-----------------------------|
| > | LD 16 | Enter Overlay 16 |
| REQ | CHG | Change Data |
| TYPE | PARM | System Parameters |
| CUST | 0 | Customer Number |
| FCDR | NEW | Format Type |
| CLID | YES | Calling Line Identification |

5.3. Configure CDR Data in the Customer Data Block

CDR needs to be enabled and assigned to the TTY port that was configured in **Section 5.1**. During compliance testing port **12** was used. The Aux Identification (**AXID**) and Output in CDR record (**CDR**) needs to be set to **YES**. In order to change the CDR data **LD 15** is used. Subsets of these commands are illustrated below.

LD 15

| Prompt | Response | Description |
|-------------|--------------|-----------------------------|
| > | LD 15 | Enter Overlay 15 |
| REQ | CHG | Change Data |
| TYPE | CDR | Call Detailed Reporting |
| CUST | 0 | Customer Number |
| CDR | YES | Call Detailed Reporting |
| AXID | YES | Aux Identification |
| PORT | 12 | Port Number assigned to CDR |

5.4. Configure Route Data Block

CDR has to be activated on the trunk route to the PSTN and any other routes to other PBX's. During compliance testing route **42** was configured to route calls to and from the PSTN using QSIG In order to change the Route data **LD 16** is used. Subsets of these commands are illustrated below.

LD 16

| Prompt | Response | Description |
|-------------|------------|---------------------------------------|
| > LD | 16 | Enter Overlay 16 |
| REQ | CHG | Change Data |
| TYPE | RDB | Route Data Block |
| CUST | 0 | Customer Number |
| ROUT | 42 | Route Number |
| CDR | YES | Call Detail Recording |
| INC | YES | CDR records for incoming calls |
| LAST | YES | CDR records for redirected calls |
| TTA | YES | Time To Answer output in CDR |
| ABAN | YES | Abandoned call records for this route |
| CDRB | YES | Abandoned call on busy tone records |
| QREC | NO | CDR ACD Q initial connection |
| OAL | YES | CDR on outgoing calls |
| AIA | YES | Answered call Identification Allowed |
| OAN | YES | CDR On Answer of outgoing calls |
| OPD | YES | Outpulsed Digits in CDR |

5.5. Configure Telephones for additional CDR options

Abandoned Call-Time to Answer and Internal CDR record options can be activated on a per set basis by modifying the Class of Service (CLS). Abandoned call record and Time to Answer (**ABD**) and Internal Call Detail Recording (**ICD**) needs to be set to Allowed. If Charge codes are to be used Key 25 must be used if the phone type is IP. During compliance testing a number of telephone types were used, in the example below an Avaya 1140 IP Deskphone was used using TN 96-0-0-1. In order to add CDR options for the phone type 1140 **LD 11** is used. Subsets of these commands are illustrated below.

LD 11

| Prompt | Response | Description |
|-------------|------------------|--------------------|
| > | LD 11 | Enter Overlay 11 |
| REQ | CHG | Change Data |
| TYPE | 1140 | Phone Type |
| TN | 96 0 0 1 | Terminal Number |
| CUST | 0 | Customer Number |
| CLS | ABDA ICDA | Class of Service |
| KEY | 25 CHG | Charge Account key |

5.6. Configure CDR in the Authorization Data Block

During compliance testing Authorization Codes were used. The Activate CDR for Authcodes (**ACDR**) option must be set to yes. In order to configure the authorization Data Block **LD 88** is used. Subsets of these commands are illustrated below.

Note: It is implied that the Secure Data Password are already configured

LD 88

| Prompt | Response | Description |
|-------------|-------------|----------------------------------|
| > | LD 88 | Enter Overlay 88 |
| REQ | CHG | Change Data |
| TYPE | AUB | Authcode Data Block |
| CUST | 0 | Customer Number |
| SPWD | **** | Secure Data Password |
| ALEN | 4 | Authcode Length |
| ACDR | YES | Activate CDR for Authcode |
| AUTO | NO | Automatically generate Authcodes |

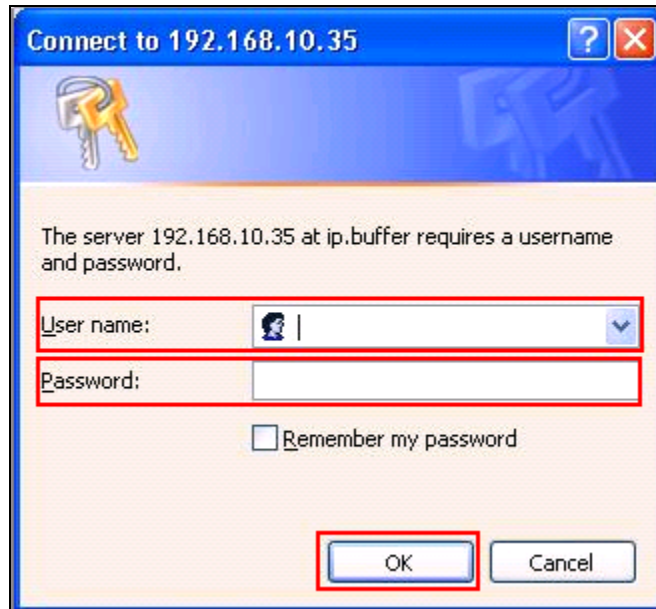
6. Configuration of Scannex IP buffer

This section provides the procedures to configure the Scannex IP buffer. It is implied that the Scannex IP buffer is already in place and configured with an IP address on the same subnet as the CS1000E. For all other provisioning information such as initial installation and configuration, please refer to the product documentation in **Section 9**. The configuration operations described in this section can be summarized as follows:

- Logging into the Scannex IP Buffer
- Configure Channel 1

6.1. Logging into the Scannex IP Buffer

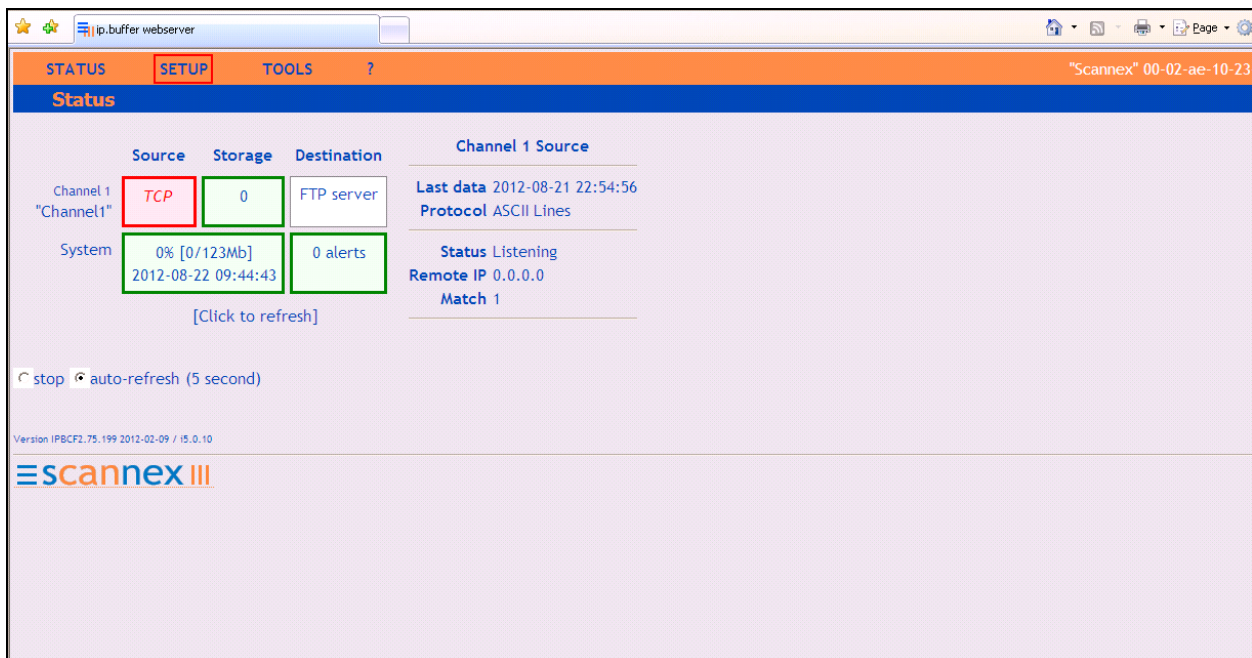
To access the web-based interface of the Scannex IP Buffer use the URL <http://x.x.x.x>, where **x. x. x. x** is the selected IP address of the IP Buffer. In the windows login box that appears, enter the default username and password and click on the **OK** button.



A Windows-style login dialog box titled "Connect to 192.168.10.35". It features a blue header bar with a question mark and close button. Below the header is a yellow background with a key icon and the text: "The server 192.168.10.35 at ip.buffer requires a username and password." There are two input fields: "User name:" with a dropdown arrow and "Password:" with a text box. A checkbox labeled "Remember my password" is below the password field. At the bottom are "OK" and "Cancel" buttons. Red boxes highlight the "User name:", "Password:", and "OK" fields.

6.2. Setup Scannex IP Buffer

After logging in the **Management Main page** is displayed. Select **SETUP** followed by **Channel 1** (Not shown).



A screenshot of the Scannex IP Buffer web interface. The browser address bar shows "ip.buffer webserver". The page has a navigation bar with "STATUS", "SETUP", "TOOLS", and "?". The "STATUS" section is active, showing a table with columns "Source", "Storage", "Destination", and "Channel 1 Source". The table contains data for "Channel 1 'Channel1'" and "System". The "Channel 1 Source" section shows "Last data 2012-08-21 22:54:56", "Protocol ASCII Lines", "Status Listening", "Remote IP 0.0.0.0", and "Match 1". There is a "[Click to refresh]" link and a "stop" button. The footer shows "Version IPBCF2.75.199 2012-02-09 / 15.0.10" and the Scannex logo.

| | Source | Storage | Destination | Channel 1 Source |
|----------------------|-------------------------------------|----------|-------------|---|
| Channel 1 "Channel1" | TCP | 0 | FTP server | Last data 2012-08-21 22:54:56 Protocol ASCII Lines |
| System | 0% [0/123Mb] 2012-08-22 09:44:43 | 0 alerts | | Status Listening Remote IP 0.0.0.0 Match 1 |

Once the **Channel 1** page is opened select **COM1 Serial** from the **Source** dropdown box, then select **show**.

Channel 1: "Channel1"

Name: Channel1 *The name of the channel (don't use spaces)*

Source: COM1 Serial *Where to collect from* **show / hide**

Destination: TCP *How to deliver the data* **show / hide**

Storage: FTP server *gs show / hide*

None (off)

Press SAVE to store changes!

SAVE Cancel

Version IPBCF2.75.199 2012-02-09 / 15.0.10

scannex III

Once the next page opens select **9600** from the Baud dropdown box. The **Baud** should match **BPS** as configured on the CS1000E in **Section 5.1**. From the **Protocol** drop down box enter **Nortel Meridian & Norstar**. Use the scroll bar on the right side of the page and scroll to **Destination**.

Channel 1: "Channel1"

Name: Channel1 *The name of the channel (don't use spaces)*

Source: COM1 Serial *Where to collect from* **show / hide**

Serial

Autobaud: Enabled *Autobaud provides detection of baudrate and parity*

Baud: 9600 *The baud rate*

Protocol: 8N *Data length and parity*

Rx/Tx: Auto *Pin-out. Default=auto*

Rx Flow: RTS *Control lines to regulate incoming data*

On Passthrough: None *Control lines to change when passthrough connects*

Serial transmit

Tx Flow: CTS *Control lines to check for transmit*

Tx Size: 16 *Chunk size for transmit. Default=16*

Tx Pause: 10 *Interbyte pause. Max=255. Default=0 (off)*

Serial diagnostics

Loopback: Normal *Diagnostic mode to do local loopback.*

Protocol

Protocol: Nortel Meridian & Norstar *Which protocol or data type*

Time Stamp *Prefix each record. See manual for formats. Blank = no prefix*

Scroll bar

From the **Destination** dropdown box select **TCP server (passive)** and then select **show**.

ip.buffer webserver - Windows Internet Explorer
http://192.168.10.35/setup/channel.shtml?ch=1&showsrc=1

File Edit View Favorites Tools Help

ip.buffer webserver

Parameters

Allow: ASCII only
Timeout: 1000

Pass-through

Port: 0
Allow:
Client Type: Auto
Prompt: Password:
Password: password
Success: OK\r\n
Mode: Not stored

Notification

Quiet: 0 minutes
Connects: Ignore

Destination: TCP server (passive) show / hide

Storage: Storage settings show / hide

SAVE Cancel

Once the **TCP server (passive)** window opens enter **5001** in the **Port** field. Click on the **Save** button to save changes.

ip.buffer webserver - Windows Internet Explorer
http://192.168.10.35/setup/channel.shtml?ch=1&showdst=1

File Edit View Favorites Tools Help

ip.buffer webserver

TCP server (passive)

Port: 5001
Allow:
Prompt: Password:
Password:
Success:
On Complete: Stay connected (real-time)

Data Markers

Prefix:
Suffix:

Data Security

Data Encryption: Unencrypted

Storage: Storage settings show / hide

Press SAVE to store changes!
SAVE Cancel

Version IPBCF2.75.199 2012-02-09 / 15.0.10

7. Configure orbi-tel^{xps} Server

This section describes the steps performed to configure the orbi-tel^{xps} Server. It is implied that the orbi-tel^{xps} Server software is already installed. For all other provisioning information such as initial installation and configuration, please refer to the product documentation in **Section 10**.

These configurations can be summarised as follows:

- Login to orbi-tel^{xps} Server
- Add a new switch to manage
- Configure Call Accounting
- Restart orbi-tel^{xps}

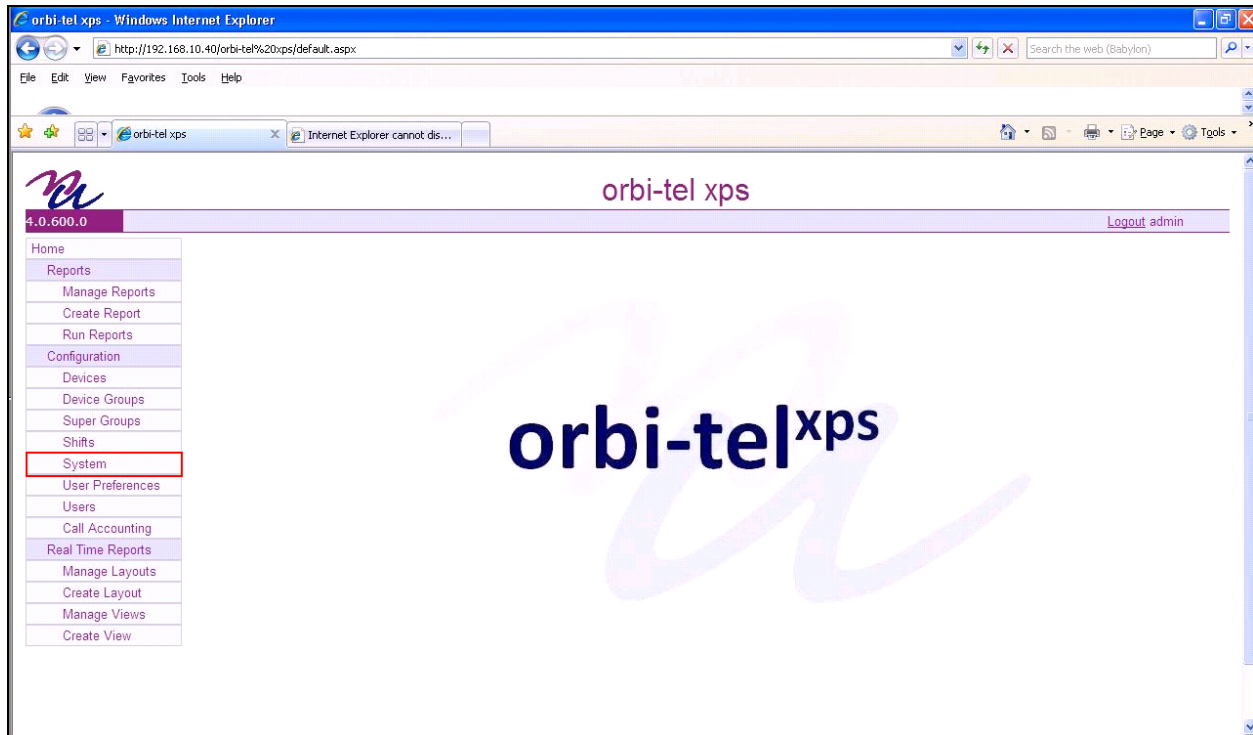
7.1. Login to orbi-tel^{xps} Server

To access the web-based interface of the orbi-tel^{xps} server, use the URL **<http://x.x.x.x>**, where **x.x.x.x** is the selected IP address of the orbi-tel^{xps} server. Enter the appropriate Login and Password credentials and then click on the **Log In** button.



7.2. Add a new switch to manage

Once the orbi-tel^{xps} is opened select **System**.



Once the new window opens select the **Switches** tab and click on the **New** button and enter the following:

- Enter a **Switch Number**
- Enter a **Short Name** for the switch
- Enter a **Long Name** for the switch.

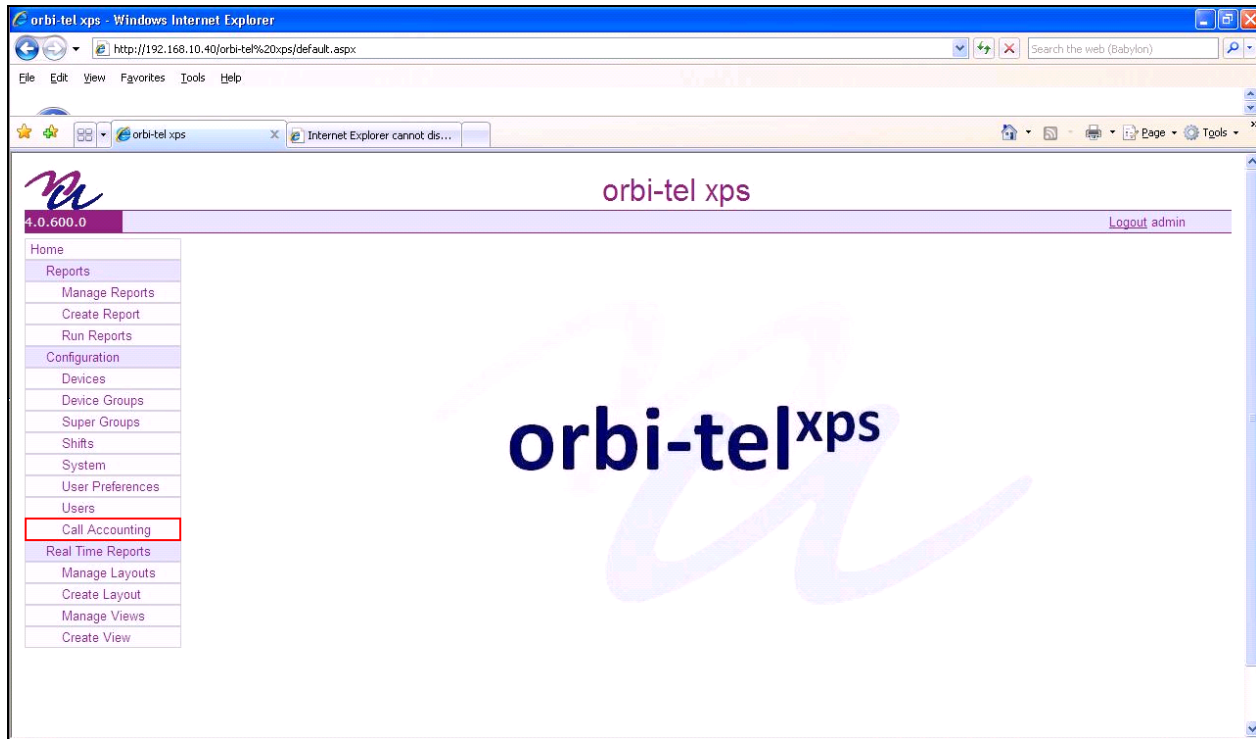
Click on the **Save** button.

The screen shot below shows what was used during compliance testing.

The screenshot shows the 'orbi-tel xps' web application in Internet Explorer. The browser address bar shows the URL: `http://192.168.10.40/orbi-tel%20xps/Configuration/ManageSites.aspx?Screen_ID=site_with_smdr_config`. The application interface has a purple header with the 'orbi-tel xps' logo and version '4.0.600.0'. A 'Logout admin' link is in the top right. A left sidebar contains a menu with categories: Home, Reports, Configuration, Real Time Reports, and others. The main content area is titled 'Manage Switches' and has several tabs: 'Switches' (selected), 'Device Auto Config', 'E-Mails', 'Device Name Format', 'Database Request Timeout', 'Licence Admin', and 'Service Status'. The 'Switches' tab contains a form with the following fields: 'Switch Number' (text box with '1'), 'Device Prefix' (text box), 'Short Name' (text box with 'Site 1'), 'Long Name' (text box with 'Site 1'), and 'Device Prefix Separator' (dropdown menu with '/'). At the bottom of the form are three buttons: 'New', 'Save', and 'Delete'. The 'New' button is highlighted with a red box.

7.3. Configure Call Accounting

Select **Call Accounting**.

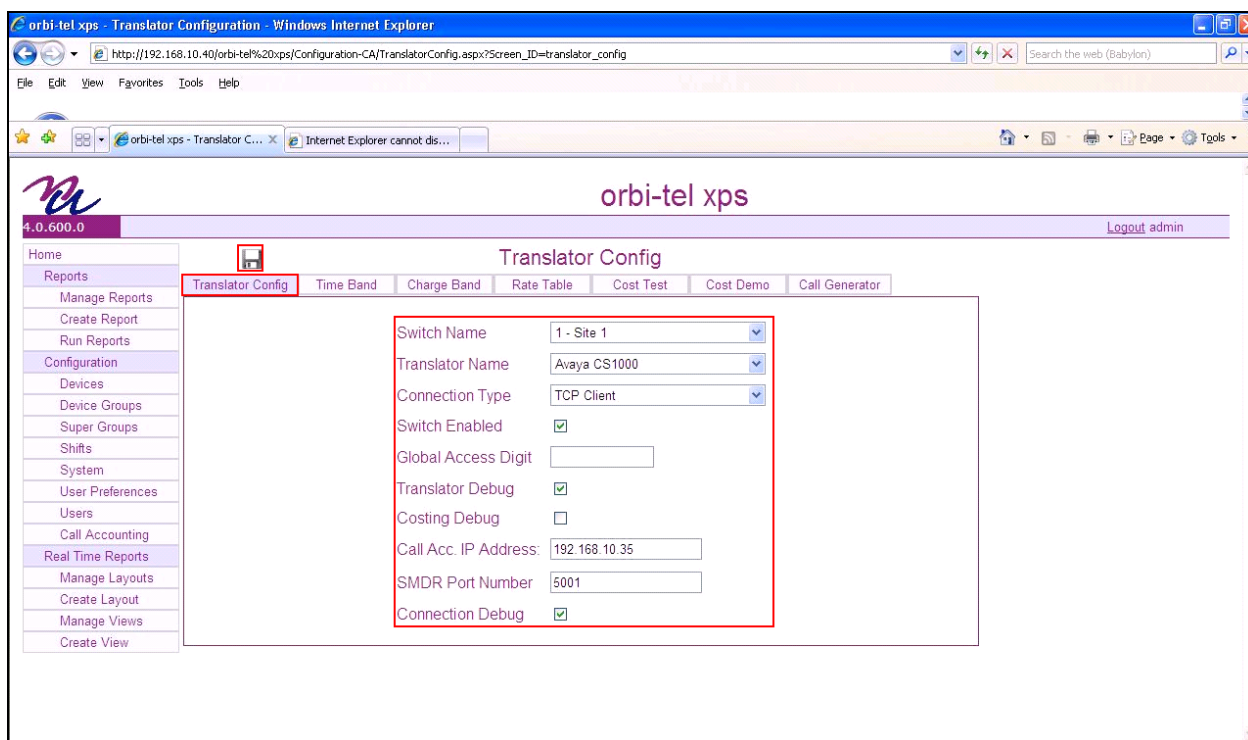


Once the new window opens select the **Translator Config** tab and enter the following:

- Select **Site 1** from the **Switch Name** drop down box. This is the site configured in **Section 7.2**.
- Select **Avaya CS1000** from the **Translator Name** drop down box
- Select **TCP Client** from the **Connection Type**
- Check the **Switch Enabled** check box
- Check the **Translator Debug** check box
- Enter the IP address of the **IP Buffer** in the **Call Acc IP Address** box
- Enter **5001** in the **SMDR Port Number** box. This is the port number as configured in **Section 6.2**
- Check the **Connection Debug** check box

Click on the **Save** Icon to save the configuration.

The screen shot below shows what was used during compliance testing.

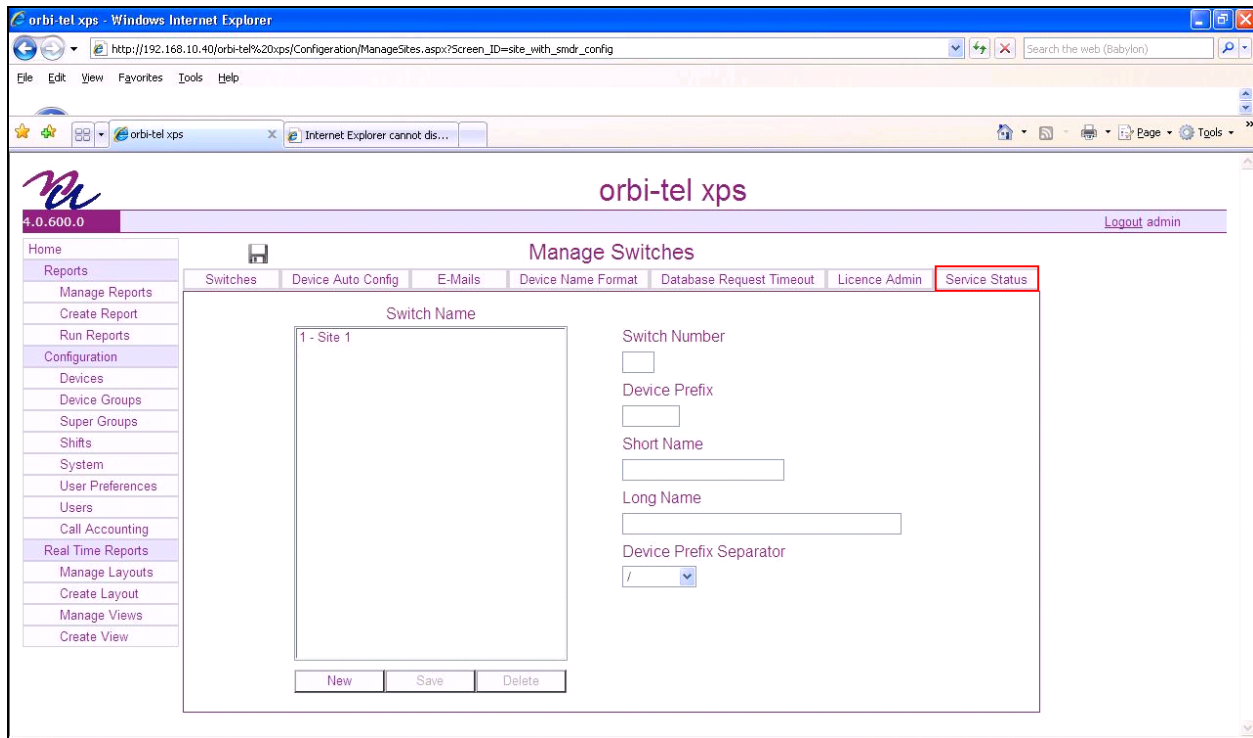


7.4. Restart orbi-tel^{xps}

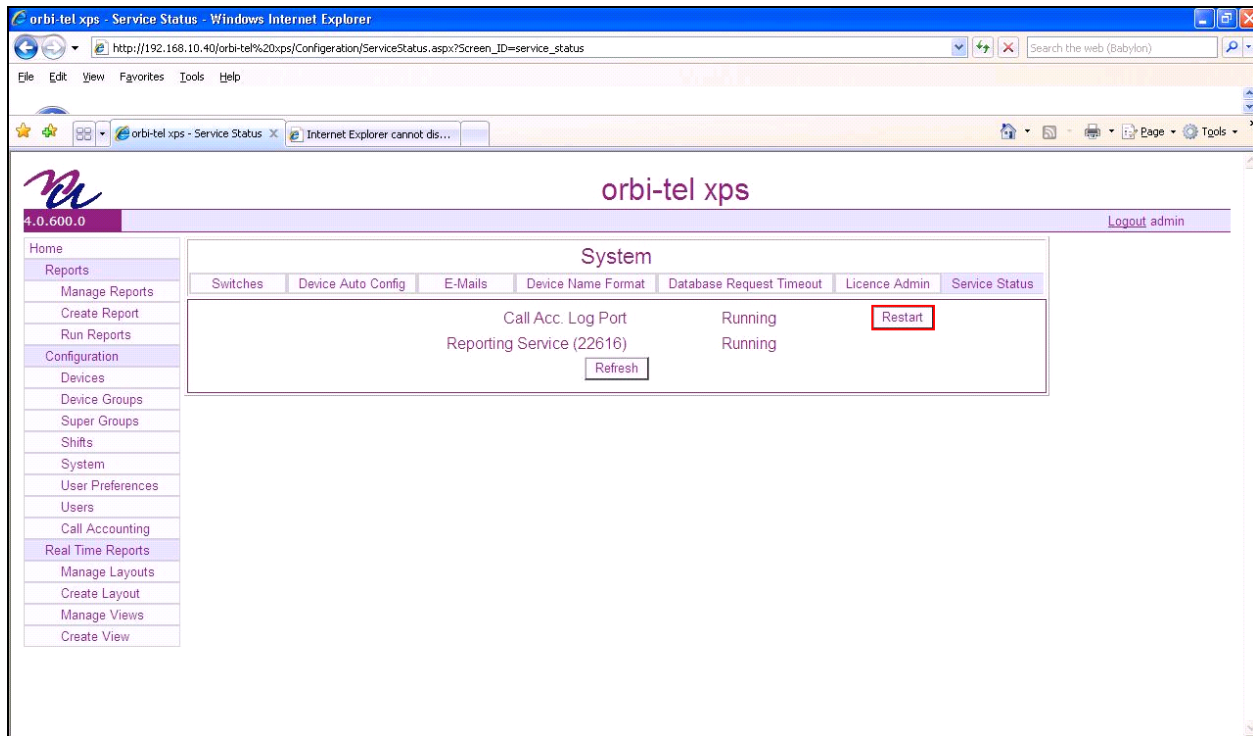
Select **System**.



Once the **Manage Switches** window opens select the **Service Status** tab.



Click on the **Restart** button to restart orbi-tel^{xps}.

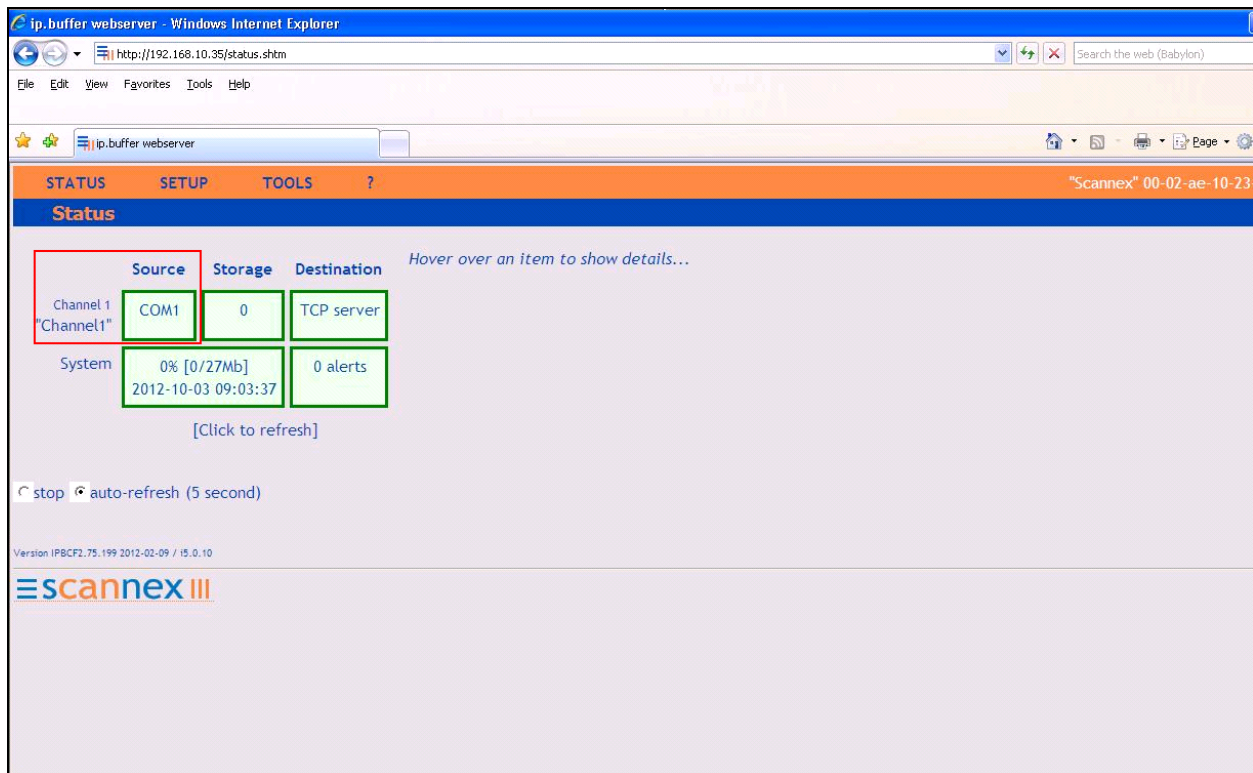


8. Verification Steps

This section provides the tests that can be performed to verify correct configuration of CS1000E and orbi-tel^{xps} solution.

8.1. Verify the Avaya Communication Server 1000E to Scannex IP buffer connection

In order to verify successful connection of the Scannex IP buffer to the CS1000E select **Status**. The **Status** screen is displayed. The **COM1 Source** displays in green indicating that the IP Buffer has successfully connected to the CS1000E.



8.2. Verify orbi-tel^{xps} is running

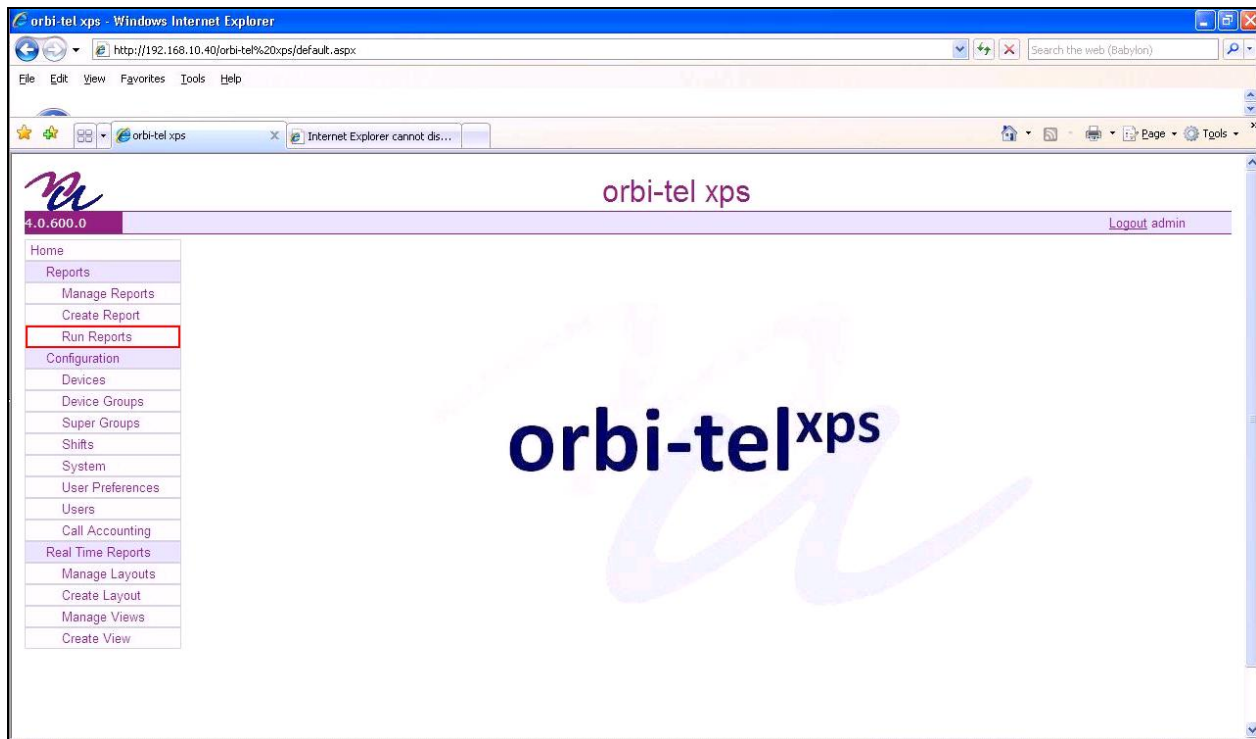
After logging into orbi-tel^{xps} select **System** followed by the **Service Status** tab, verify that **Call Acc Log Port** and **Reporting Service** is Running.

The screenshot shows the 'orbi-tel xps' web interface. The left sidebar contains a menu with 'System' highlighted. The main content area shows the 'System' tab with 'Service Status' selected. A table displays the status of two services:

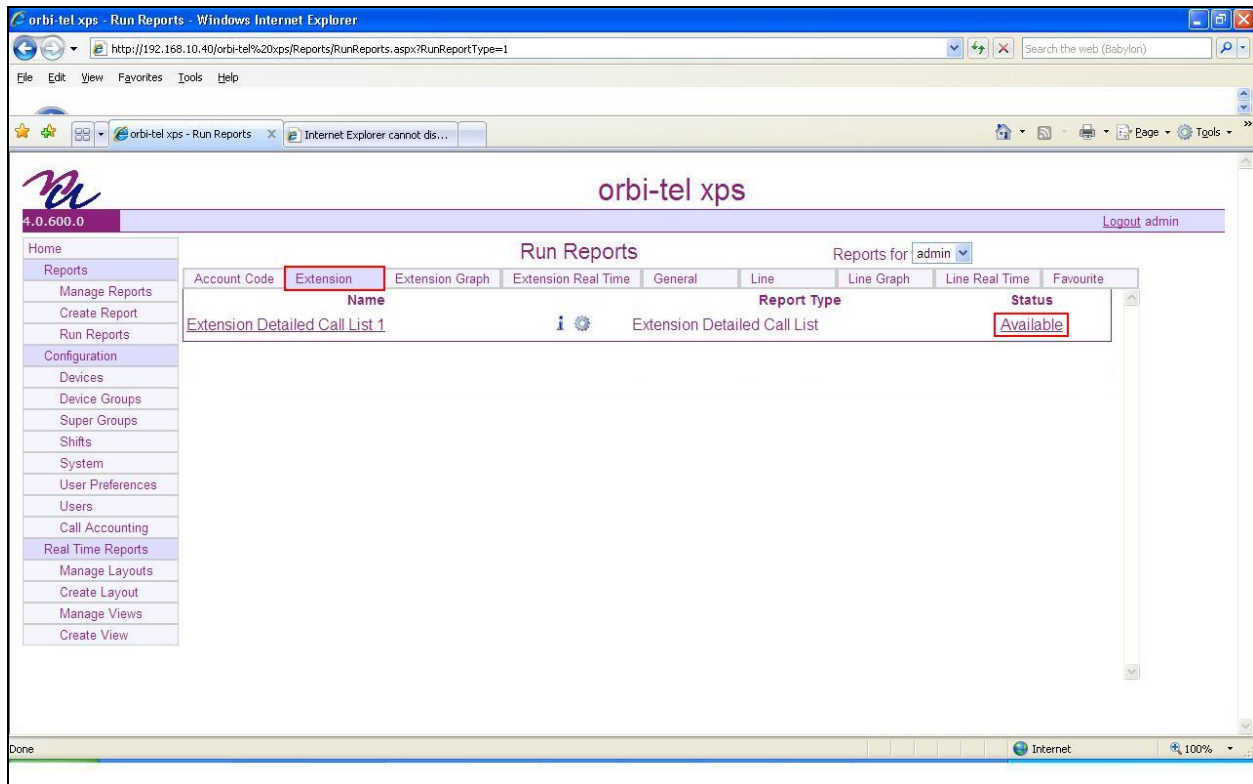
| Service | Status | Action |
|---------------------------|---------|---------|
| Call Acc. Log Port | Running | Restart |
| Reporting Service (22616) | Running | Refresh |

8.3. Verify Reports

After logging into orbi-tel^{xps} select **Run Reports**.



Once the **Run Reports** window opens select the **Extension** tab and click on **Available**



Once the **Extension Detailed Call List** report opens something similar to the screen shot below should be seen.

Extension Detailed Call List

From 03/10/12 00:00:00 To 03/10/12 10:12:11

| Date | Start Time | End Time | Source Device | Destn Device | Call Type | Call Time | Ring Time | Dialed Digits | Cost | Account Code | Location Name |
|---------------|------------|----------|----------------|----------------|-----------|-----------------|-----------|---------------|-------------|--------------|---------------|
| 03/10/2012 | 08:48:14 | 08:48:14 | Extension 5154 | Extension 5190 | Intercom | 00:00:00 | 00:04 | | 0.00 | | |
| 03/10/2012 | 09:42:08 | 09:42:13 | Extension 5190 | Extension 5180 | Intercom | 00:00:04 | 00:01 | | 0.00 | | |
| Totals | | | 2 | Calls | | 00:00:04 | | | 0.00 | | |

9. Conclusion

A full and comprehensive set of feature and functional test cases were preformed during Compliance testing. orbi-tel^{xps} 4.0.600.0 is considered compliant with Avaya Communication Server 1000E 7.5 All test cases have passed and met the objectives outlined in **Section 2.2**

10. Additional References

These documents form part of the Avaya official technical reference documentation suite. Further information may be had from <http://support.avaya.com> or from your Avaya representative.

- [1] *Software Input Output Reference — Administration Avaya Communication Server 1000 7.5, NN43001-611, 05.09 September 2011*
- [2] *System Management Reference, Avaya Communication Server 1000 7.5, NN43001-600, 05.07 August 2011*
- [3] *Call Detail Recording Fundamentals, Avaya Communication Server 1000 7.5, NN43001-550, 05.03 September 2011*

Product Documentation for orbi-tel^{xps} and Scannex IP Buffer can be obtained from Nu Technologies Ltd. or may be requested at <http://www.nut.eu.com/nutech/contactus.html>

Appendix A: Avaya Communication Server 1000E Software

| Avaya Communication Server 1000E call server deplists | | | | | | |
|--|------------|-------------|----------|------------|--------------|---------|
| VERSION 4121 | | | | | | |
| RELEASE 7 | | | | | | |
| ISSUE 50 Q + | | | | | | |
| DepList 1: core Issue: 01 (created: 2012-03-14 13:55:18 (est)) | | | | | | |
| IN-SERVICE PEPS | | | | | | |
| PAT# | CR # | PATCH REF # | NAME | DATE | FILENAME | SPECINS |
| 000 | wi00969890 | ISS1:10F1 | p31664_1 | 20/08/2012 | p31664_1.cpl | YES |
| 001 | wi00974635 | ISS1:10F1 | p31695_1 | 20/08/2012 | p31695_1.cpl | YES |
| 002 | wi00958776 | ISS1:10F1 | p31542_1 | 20/08/2012 | p31542_1.cpl | YES |
| 003 | wi00925218 | ISS1:10F1 | p30675_1 | 20/08/2012 | p30675_1.cpl | NO |
| 004 | wi00881777 | ISS1:10F1 | p25747_1 | 20/08/2012 | p25747_1.cpl | NO |
| 005 | wi00862574 | iss1:10f1 | p30870_1 | 20/08/2012 | p30870_1.cpl | NO |
| 006 | wi00879322 | ISS1:10F1 | p30954_1 | 20/08/2012 | p30954_1.cpl | NO |
| 007 | wi00976209 | ISS1:10F1 | p31717_1 | 20/08/2012 | p31717_1.cpl | YES |
| 008 | wi00984178 | ISS1:10F1 | p31786_1 | 20/08/2012 | p31786_1.cpl | NO |
| 009 | wi00959284 | ISS1:10F1 | p31531_1 | 20/08/2012 | p31531_1.cpl | NO |
| 010 | wi00905660 | ISS1:10F1 | p27968_1 | 20/08/2012 | p27968_1.cpl | NO |
| 011 | wi00897082 | ISS1:10F1 | p31124_1 | 20/08/2012 | p31124_1.cpl | NO |
| 012 | wi00897096 | ISS1:10F1 | p30676_1 | 20/08/2012 | p30676_1.cpl | NO |
| 013 | wi00855423 | ISS1:10F1 | p31328_1 | 20/08/2012 | p31328_1.cpl | YES |
| 014 | wi00896680 | ISS1:10F1 | p30357_1 | 20/08/2012 | p30357_1.cpl | NO |
| 015 | wi00937672 | ISS1:10F1 | p31276_1 | 20/08/2012 | p31276_1.cpl | NO |
| 016 | wi00859123 | ISS1:10F1 | p30648_1 | 20/08/2012 | p30648_1.cpl | NO |
| 017 | wi00949273 | ISS1:10F1 | p31411_1 | 20/08/2012 | p31411_1.cpl | NO |
| 018 | wi00840590 | ISS1:10F1 | p30767_1 | 20/08/2012 | p30767_1.cpl | NO |
| 019 | wi00978007 | ISS1:10F1 | p31737_1 | 20/08/2012 | p31737_1.cpl | NO |
| 020 | wi00865477 | ISS1:10F1 | p30897_1 | 20/08/2012 | p30897_1.cpl | YES |
| 021 | wi00900668 | ISS1:10F1 | p30456_1 | 20/08/2012 | p30456_1.cpl | NO |
| 022 | wi00906163 | ISS1:10F1 | p31205_1 | 20/08/2012 | p31205_1.cpl | NO |
| 023 | wi00949627 | ISS1:10F1 | p31462_1 | 20/08/2012 | p31462_1.cpl | NO |
| 024 | wi00875701 | ISS1:10F1 | p30942_1 | 20/08/2012 | p30942_1.cpl | NO |
| 025 | wi00937114 | ISS1:10F1 | p31310_1 | 20/08/2012 | p31310_1.cpl | NO |
| 026 | wi00858335 | ISS1:10F1 | p30819_1 | 20/08/2012 | p30819_1.cpl | NO |
| 027 | wi00869243 | ISS1:10F1 | p30848_1 | 20/08/2012 | p30848_1.cpl | NO |
| 028 | wi00896394 | ISS1:10F1 | p30807_1 | 20/08/2012 | p30807_1.cpl | NO |
| 029 | wi00925208 | ISS1:10F1 | p30986_1 | 20/08/2012 | p30986_1.cpl | NO |
| 030 | wi00835294 | ISS1:10F1 | p30565_1 | 20/08/2012 | p30565_1.cpl | NO |
| 031 | wi00962211 | ISS1:10F1 | p31580_1 | 20/08/2012 | p31580_1.cpl | NO |
| 032 | wi00945997 | ISS1:10F1 | p31641_1 | 20/08/2012 | p31641_1.cpl | NO |
| 033 | wi00907697 | ISS1:10F1 | p31227_1 | 20/08/2012 | p31227_1.cpl | NO |
| 034 | wi00886321 | ISS1:10F1 | p31009_1 | 20/08/2012 | p31009_1.cpl | NO |
| 035 | wi00854130 | ISS1:10F1 | p30443_1 | 20/08/2012 | p30443_1.cpl | NO |
| 036 | wi00873382 | ISS1:10F1 | p30832_1 | 20/08/2012 | p30832_1.cpl | NO |
| 037 | WI00927300 | ISS1:10F1 | p30999_1 | 20/08/2012 | p30999_1.cpl | NO |
| 038 | wi00982243 | ISS1:10F1 | p31797_1 | 20/08/2012 | p31797_1.cpl | NO |
| 039 | wi00898327 | ISS1:10F1 | p31136_1 | 20/08/2012 | p31136_1.cpl | NO |
| 040 | wi00832106 | ISS1:10F1 | p30550_1 | 20/08/2012 | p30550_1.cpl | NO |

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| 041 | wi00900096 | ISS1:10F1 | p31006_1 | 20/08/2012 | p31006_1.cpl | NO |
| 042 | wi00959820 | ISS1:10F1 | p31562_1 | 20/08/2012 | p31562_1.cpl | NO |
| 043 | wi00895090 | ISS1:10F1 | p31105_1 | 20/08/2012 | p31105_1.cpl | NO |
| 044 | wi00967509 | ISS1:10F1 | p31294_1 | 20/08/2012 | p31294_1.cpl | NO |
| 045 | wi00890475 | p30952 | p31048_1 | 20/08/2012 | p31048_1.cpl | NO |
| 046 | wi00852365 | ISS1:10F1 | p30707_1 | 20/08/2012 | p30707_1.cpl | NO |
| 047 | wi00957252 | ISS1:10F1 | p31530_1 | 20/08/2012 | p31530_1.cpl | NO |
| 048 | wi00887744 | ISS2:10F1 | p31026_2 | 20/08/2012 | p31026_2.cpl | NO |
| 049 | WI00853473 | ISS1:10F1 | p30625_1 | 20/08/2012 | p30625_1.cpl | NO |
| 050 | wi00905600 | ISS1:10F1 | p31201_1 | 20/08/2012 | p31201_1.cpl | NO |
| 051 | WI00889786 | ISS1:10F1 | p30750_1 | 20/08/2012 | p30750_1.cpl | NO |
| 052 | wi00827950 | ISS2:10F1 | p30471_2 | 20/08/2012 | p30471_2.cpl | NO |
| 053 | wi00843623 | ISS1:10F1 | p30731_1 | 20/08/2012 | p30731_1.cpl | YES |
| 054 | wi00960809 | ISS1:10F1 | p31564_1 | 20/08/2012 | p31564_1.cpl | NO |
| 055 | wi00898200 | ISS1:10f1 | p31274_1 | 20/08/2012 | p31274_1.cpl | NO |
| 056 | wi00938555 | ISS1:10F1 | p30881_1 | 20/08/2012 | p30881_1.cpl | YES |
| 057 | wi00964006 | ISS1:10F1 | p31595_1 | 20/08/2012 | p31595_1.cpl | YES |
| 058 | wi00865477 | ISS1:10F1 | p30898_1 | 20/08/2012 | p30898_1.cpl | YES |
| 059 | wi00905297 | ISS1:10F1 | p31195_1 | 20/08/2012 | p31195_1.cpl | NO |
| 060 | wi00839255 | ISS1:10F1 | p30591_1 | 20/08/2012 | p30591_1.cpl | NO |
| 061 | wi00960133 | ISS2:10F1 | p31557_2 | 20/08/2012 | p31557_2.cpl | NO |
| 062 | wi00967754 | ISS1:10F1 | p31653_1 | 20/08/2012 | p31653_1.cpl | YES |
| 063 | wi00943172 | ISS1:10F1 | p31402_1 | 20/08/2012 | p31402_1.cpl | NO |
| 064 | wi00877367 | ISS1:10F1 | p30534_1 | 20/08/2012 | p30534_1.cpl | NO |
| 065 | wi00857566 | ISS1:10F1 | p30766_1 | 20/08/2012 | p30766_1.cpl | NO |
| 066 | wi00948274 | ISS1:10F1 | p31365_1 | 20/08/2012 | p31365_1.cpl | NO |
| 067 | wi00841980 | ISS1:10F1 | p30618_1 | 20/08/2012 | p30618_1.cpl | NO |
| 068 | wi00897176 | ISS1:10F1 | p30418_1 | 20/08/2012 | p30418_1.cpl | NO |
| 069 | wi00865477 | ISS1:10F1 | p30892_1 | 20/08/2012 | p30892_1.cpl | YES |
| 070 | wi00931028 | ISS1:10F1 | p31354_1 | 20/08/2012 | p31354_1.cpl | YES |
| 071 | wi00875425 | ISS1:10F1 | p30943_1 | 20/08/2012 | p30943_1.cpl | NO |
| 072 | wi00968531 | ISS1:10F1 | p31645_1 | 20/08/2012 | p31645_1.cpl | NO |
| 073 | wi00895181 | ISS1:10F1 | p31106_1 | 20/08/2012 | p31106_1.cpl | NO |
| 074 | wi00973241 | ISS1:10F1 | p31715_1 | 20/08/2012 | p31715_1.cpl | NO |
| 075 | wi00948931 | ISS1:10F1 | p31407_1 | 20/08/2012 | p31407_1.cpl | NO |
| 076 | wi00968157 | ISS1:10F1 | p31637_1 | 20/08/2012 | p31637_1.cpl | NO |
| 077 | wi00871969 | ISS1:10F1 | p30768_1 | 20/08/2012 | p30768_1.cpl | NO |
| 078 | wi00967510 | ISS1:10F1 | p31147_1 | 20/08/2012 | p31147_1.cpl | NO |
| 079 | wi00891626 | ISS1:10F1 | p31051_1 | 20/08/2012 | p31051_1.cpl | YES |
| 080 | wi00946558 | ISS1:10F1 | p31358_1 | 20/08/2012 | p31358_1.cpl | NO |
| 081 | wi00839821 | ISS1:10F1 | p30619_1 | 20/08/2012 | p30619_1.cpl | NO |
| 082 | WI00839794 | ISS1:10F1 | p28647_1 | 20/08/2012 | p28647_1.cpl | NO |
| 083 | WI00843571 | ISS1:10F1 | p30627_1 | 20/08/2012 | p30627_1.cpl | NO |
| 084 | wi00856991 | ISS1:10F1 | p17588_1 | 20/08/2012 | p17588_1.cpl | NO |
| 085 | wi00842409 | ISS1:10F1 | p30621_1 | 20/08/2012 | p30621_1.cpl | NO |
| 086 | wi00927321 | ISS1:10F1 | p31286_1 | 20/08/2012 | p31286_1.cpl | YES |
| 087 | wi00974272 | ISS1:10F1 | p31690_1 | 20/08/2012 | p31690_1.cpl | YES |
| 088 | wi00880386 | ISS1:10F1 | p30977_1 | 20/08/2012 | p30977_1.cpl | NO |
| 089 | wi00865477 | ISS1:10F1 | p30896_1 | 20/08/2012 | p30896_1.cpl | YES |
| 090 | wi00838073 | ISS1:10F1 | p30588_1 | 20/08/2012 | p30588_1.cpl | NO |
| 091 | wi00965838 | ISS1:10F1 | p31623_1 | 20/08/2012 | p31623_1.cpl | NO |
| 092 | wi00879526 | ISS1:10F1 | p31007_1 | 20/08/2012 | p31007_1.cpl | NO |
| 093 | wi00958682 | ISS1:10F1 | p31540_1 | 20/08/2012 | p31540_1.cpl | NO |
| 094 | wi00969581 | ISS1:10F1 | p31661_1 | 20/08/2012 | p31661_1.cpl | YES |
| 095 | wi00973858 | ISS1:10F1 | p31691_1 | 20/08/2012 | p31691_1.cpl | NO |

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| 096 | wi00946282 | ISS1:1OF1 | p31204_1 | 20/08/2012 | p31204_1.cpl | NO |
| 097 | wi00863876 | ISS1:1OF1 | p30787_1 | 20/08/2012 | p30787_1.cpl | NO |
| 098 | wi00908933 | ISS1:1OF1 | p31239_1 | 20/08/2012 | p31239_1.cpl | NO |
| 099 | wi00856702 | ISS1:1OF1 | p30573_1 | 20/08/2012 | p30573_1.cpl | NO |
| 100 | wi00975133 | ISS1:1OF1 | p31731_1 | 20/08/2012 | p31731_1.cpl | NO |
| 101 | wi00932948 | ISS1:1OF1 | p31077_1 | 20/08/2012 | p31077_1.cpl | NO |
| 102 | wi00969208 | ISS1:1OF1 | p31656_1 | 20/08/2012 | p31656_1.cpl | NO |
| 103 | WI00836292 | ISS1:1OF1 | p30554_1 | 20/08/2012 | p30554_1.cpl | NO |
| 104 | wi00908598 | ISS1:1OF1 | p31235_1 | 20/08/2012 | p31235_1.cpl | NO |
| 105 | wi00880836 | ISS1:1OF1 | p30976_1 | 20/08/2012 | p30976_1.cpl | NO |
| 106 | WI00854150 | ISS1:1OF1 | p30468_1 | 20/08/2012 | p30468_1.cpl | NO |
| 107 | wi00894243 | ISS1:1OF1 | p31087_1 | 20/08/2012 | p31087_1.cpl | NO |
| 108 | wi00877592 | ISS1:1OF1 | p30880_1 | 20/08/2012 | p30880_1.cpl | NO |
| 109 | wi00871739 | ISS1:1OF1 | p30856_1 | 20/08/2012 | p30856_1.cpl | NO |
| 110 | wi00688381 | ISS1:1OF1 | p30104_1 | 20/08/2012 | p30104_1.cpl | NO |
| 111 | wi00955753 | ISS1:1OF1 | p31733_1 | 20/08/2012 | p31733_1.cpl | NO |
| 112 | wi00850521 | ISS1:1OF1 | p30709_1 | 20/08/2012 | p30709_1.cpl | YES |
| 113 | wi00932204 | ISS2:1OF1 | p31305_2 | 20/08/2012 | p31305_2.cpl | NO |
| 114 | wi00906022 | ISS1:1OF1 | p31202_1 | 20/08/2012 | p31202_1.cpl | NO |
| 115 | wi00860279 | ISS1:1OF1 | p30789_1 | 20/08/2012 | p30789_1.cpl | NO |
| 116 | wi00959457 | ISS1:1OF1 | p31551_1 | 20/08/2012 | p31551_1.cpl | NO |
| 117 | wi00852389 | ISS1:1OF1 | p30641_1 | 20/08/2012 | p30641_1.cpl | NO |
| 118 | wi00941500 | ISS1:1OF1 | p31394_1 | 20/08/2012 | p31394_1.cpl | NO |
| 119 | wi00834382 | ISS1:1OF1 | p30548_1 | 20/08/2012 | p30548_1.cpl | NO |
| 120 | wi00883604 | ISS1:1OF1 | p30973_1 | 20/08/2012 | p30973_1.cpl | NO |
| 121 | wi00921295 | ISS1:1OF1 | p31265_1 | 20/08/2012 | p31265_1.cpl | NO |
| 122 | wi00946876 | ISS1:1OF1 | p31430_1 | 20/08/2012 | p31430_1.cpl | NO |
| 123 | wi00909476 | ISS1:1OF1 | p31340_1 | 20/08/2012 | p31340_1.cpl | NO |
| 124 | wi00923899 | ISS1:1OF1 | p31270_1 | 20/08/2012 | p31270_1.cpl | NO |
| 125 | wi00856410 | ISS1:1OF1 | p30749_1 | 20/08/2012 | p30749_1.cpl | NO |
| 126 | wi00859499 | ISS1:1OF1 | p30694_1 | 20/08/2012 | p30694_1.cpl | NO |
| 127 | wi00951837 | ISS1:1OF1 | p31485_1 | 20/08/2012 | p31485_1.cpl | NO |
| 128 | wi00978883 | ISS1:1OF1 | p31770_1 | 20/08/2012 | p31770_1.cpl | NO |
| 129 | wi00950575 | ISS1:1OF1 | p31724_1 | 20/08/2012 | p31724_1.cpl | NO |
| 130 | wi00869695 | ISS1:1OF1 | p30654_1 | 20/08/2012 | p30654_1.cpl | NO |
| 131 | wi00899584 | ISS1:1OF1 | p30809_1 | 20/08/2012 | p30809_1.cpl | NO |
| 132 | wi00891621 | ISS1:1OF1 | p31037_1 | 20/08/2012 | p31037_1.cpl | NO |
| 133 | wi00969039 | ISS1:1OF1 | p31643_1 | 20/08/2012 | p31643_1.cpl | NO |
| 134 | wi00942734 | ISS1:1OF1 | p31409_1 | 20/08/2012 | p31409_1.cpl | NO |
| 135 | wi00865477 | ISS1:1OF1 | p30893_1 | 20/08/2012 | p30893_1.cpl | YES |
| 136 | wi00930649 | ISS1:1OF1 | p31570_1 | 20/08/2012 | p31570_1.cpl | NO |
| 137 | wi00841273 | ISS1:1OF1 | p30713_1 | 20/08/2012 | p30713_1.cpl | NO |
| 138 | wi00826075 | ISS1:1OF1 | p30452_1 | 20/08/2012 | p30452_1.cpl | NO |
| 139 | wi00959463 | ISS1:1OF1 | p31528_1 | 20/08/2012 | p31528_1.cpl | NO |
| 140 | wi00929140 | ISS1:1OF1 | p31284_1 | 20/08/2012 | p31284_1.cpl | NO |
| 141 | wi00824257 | ISS1:1OF1 | p30447_1 | 20/08/2012 | p30447_1.cpl | NO |
| 142 | WI00836334 | ISS1:1OF1 | p30481_1 | 20/08/2012 | p30481_1.cpl | NO |
| 143 | wi00936714 | ISS1:1OF1 | p31379_1 | 20/08/2012 | p31379_1.cpl | NO |
| 144 | wi00903381 | ISS1:1OF1 | p30421_1 | 20/08/2012 | p30421_1.cpl | NO |
| 145 | wi00839134 | ISS1:1OF1 | p30698_1 | 20/08/2012 | p30698_1.cpl | YES |
| 146 | wi00962557 | ISS1:1OF1 | p31581_1 | 20/08/2012 | p31581_1.cpl | NO |
| 147 | wi00853178 | ISS1:1OF1 | p30719_1 | 20/08/2012 | p30719_1.cpl | NO |
| 148 | WI00928455 | ISS1:1OF1 | p31297_1 | 20/08/2012 | p31297_1.cpl | NO |
| 149 | wi00903437 | ISS1:1OF1 | p31167_1 | 20/08/2012 | p31167_1.cpl | NO |
| 150 | wi00884699 | ISS1:1OF1 | p31000_1 | 20/08/2012 | p31000_1.cpl | YES |

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| 151 | wi00932958 | ISS1:1OF1 | p31115_1 | 20/08/2012 | p31115_1.cpl | NO |
| 152 | wi00896420 | ISS1:1OF1 | p30867_1 | 20/08/2012 | p30867_1.cpl | NO |
| 153 | wi00865477 | ISS1:1OF1 | p30894_1 | 20/08/2012 | p30894_1.cpl | YES |
| 154 | wi00925141 | ISS1:1OF1 | p30802_1 | 20/08/2012 | p30802_1.cpl | NO |
| 155 | wi00857362 | ISS1:1OF1 | p30782_1 | 20/08/2012 | p30782_1.cpl | NO |
| 156 | wi00956788 | ISS1:1OF1 | p31638_1 | 20/08/2012 | p31638_1.cpl | NO |
| 157 | wi00924886 | ISS1:1OF1 | p31062_1 | 20/08/2012 | p31062_1.cpl | YES |
| 158 | wi00854415 | ISS1:1OF1 | p30593_1 | 20/08/2012 | p30593_1.cpl | NO |
| 159 | wi00930864 | ISS1:1OF1 | p31325_1 | 20/08/2012 | p31325_1.cpl | NO |
| 160 | wi00968448 | ISS1:1OF1 | p31648_1 | 20/08/2012 | p31648_1.cpl | YES |
| 161 | wi00962955 | ISS1:1OF1 | p31585_1 | 20/08/2012 | p31585_1.cpl | NO |
| 162 | wi00977393 | ISS1:1OF1 | p31744_1 | 20/08/2012 | p31744_1.cpl | YES |
| 163 | wi00868729 | ISS1:1OF1 | p31163_1 | 20/08/2012 | p31163_1.cpl | NO |
| 164 | wi00951427 | ISS1:1OF1 | p31478_1 | 20/08/2012 | p31478_1.cpl | NO |
| 165 | wi00894443 | ISS1:1OF1 | p31093_1 | 20/08/2012 | p31093_1.cpl | NO |
| 166 | wi00956885 | ISS1:1OF1 | p31489_1 | 20/08/2012 | p31489_1.cpl | NO |
| 167 | wi00968353 | ISS1:1OF1 | p31412_1 | 20/08/2012 | p31412_1.cpl | NO |
| 168 | wi00836182 | ISS1:1OF1 | p30450_1 | 20/08/2012 | p30450_1.cpl | NO |
| 169 | wi00961267 | ISS1:1OF1 | p30288_1 | 20/08/2012 | p30288_1.cpl | NO |
| 170 | wi00907707 | ISS1:1OF1 | p31228_1 | 20/08/2012 | p31228_1.cpl | NO |
| 171 | wi00965285 | ISS1:1OF1 | p31476_1 | 20/08/2012 | p31476_1.cpl | NO |
| 172 | wi00903369 | ISS1:1OF1 | p31165_1 | 20/08/2012 | p31165_1.cpl | NO |
| 173 | wi00936935 | ISS1:1OF1 | p31362_1 | 20/08/2012 | p31362_1.cpl | NO |
| 174 | wi00900766 | ISS1:1OF1 | p31159_1 | 20/08/2012 | p31159_1.cpl | NO |
| 175 | wi00943748 | ISS1:1OF1 | p31516_1 | 20/08/2012 | p31516_1.cpl | NO |
| 176 | wi00882293 | ISS1:1OF1 | p31010_1 | 20/08/2012 | p31010_1.cpl | NO |
| 177 | wi00953900 | ISS1:1OF1 | p31494_1 | 20/08/2012 | p31494_1.cpl | NO |
| 178 | wi00949410 | ISS1:1OF1 | p31248_1 | 20/08/2012 | p31248_1.cpl | NO |
| 179 | wi00975659 | ISS1:1OF1 | p31707_1 | 20/08/2012 | p31707_1.cpl | NO |
| 180 | wi00946477 | ISS1:1OF1 | p31426_1 | 20/08/2012 | p31426_1.cpl | NO |

Avaya Communication Server 1000E Peripheral Software Version (PSWV) data
PSWV VERSION: PSWV 100

LCRI: VERSION NUMBER: AA02
XNET: VERSION NUMBER: AC23
XPEC: VERSION NUMBER: AC43
FNET: VERSION NUMBER: AA07
FPEC: VERSION NUMBER: AA08
MSDL: VERSION NUMBER: AJ73
SDI: VERSION NUMBER: AH51
DCH: VERSION NUMBER: AA72
AML: VERSION NUMBER: AK81
BRIL: VERSION NUMBER: AK83
BRIT: VERSION NUMBER: AK82
MISP: VERSION NUMBER: AJ71
MPH: VERSION NUMBER: AH51
BRSC: VERSION NUMBER: AJ71
BBRI: VERSION NUMBER: AH54
PRIE: VERSION NUMBER: AA87
BRIE: VERSION NUMBER: AK89
ISIG: VERSION NUMBER: AA33
SWE1: VERSION NUMBER: BA53
UKG1: VERSION NUMBER: BA51
AUS1: VERSION NUMBER: BA49
DEN1: VERSION NUMBER: BA48

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FIN1: VERSION NUMBER: BA49
GER1: VERSION NUMBER: BA54
ITA1: VERSION NUMBER: AA54
NOR1: VERSION NUMBER: BA49
POR1: VERSION NUMBER: BA49
DUT1: VERSION NUMBER: BA50
EIR1: VERSION NUMBER: BA49
SWI1: VERSION NUMBER: BA53
BEL1: VERSION NUMBER: BA49
SPA1: VERSION NUMBER: BA51
NET1: VERSION NUMBER: BA48
FRA1: VERSION NUMBER: BA52
CIS1: VERSION NUMBER: BA48
ETSI: VERSION NUMBER: BA48
E403: VERSION NUMBER: BA07
N403: VERSION NUMBER: BA05
JTTC: VERSION NUMBER: AC08
TCNZ: VERSION NUMBER: AA13
AUBR: VERSION NUMBER: AA14
AUPR: VERSION NUMBER: AA04
HKBR: VERSION NUMBER: AA06
HKPR: VERSION NUMBER: AA08
SING: VERSION NUMBER: AA15
THAI: VERSION NUMBER: AA07
NI02: VERSION NUMBER: AA26
T1IS: VERSION NUMBER: AA10
T1ES: VERSION NUMBER: AA09
ESGF: VERSION NUMBER: AC30
ISGF: VERSION NUMBER: AC31
ESGFTI:      VERSION NUMBER: AC29
ISGFTI:      VERSION NUMBER: AC31
INDO: VERSION NUMBER: AA06
JAPN: VERSION NUMBER: AA16
MSIA: VERSION NUMBER: AA04
CHNA: VERSION NUMBER: AA04
INDI: VERSION NUMBER: AA03
PHLP: VERSION NUMBER: AA02
TAIW: VERSION NUMBER: AA03
EAUS: VERSION NUMBER: AA02
EGF4: VERSION NUMBER: AC14
DCH3: VERSION NUMBER: AA10
PUP3: VERSION NUMBER: AA14
T1E1: VERSION NUMBER: AA19
DITI: VERSION NUMBER: AA40
CLKC: VERSION NUMBER: AA20
3902: VERSION NUMBER: AA84
3903: VERSION NUMBER: AA91
3904: VERSION NUMBER: AA94
3905: VERSION NUMBER: AA94
MGC, MGX and MGS:
    CSP  VERSION: MGCC CD01
    MSP  VERSION: MGCM AB01
    APP  VERSION: MGCA BA07
    FPGA VERSION: MGCF AA18
    BOOT VERSION: MGCB BA07

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DSP1 VERSION: DSP1 AB03
DSP2 VERSION: DSP2 AB03
DSP3 VERSION: DSP3 AB03
DSP4 VERSION: DSP4 AB01
DSP5 VERSION: DSP5 AA01
UDT VERSION NUMBER: AA42

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