

# SIPconnect 1.1 Certification Testing Program Update



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# SIPconnect 1.1 Certification Program Status

- ❖ Congratulations to the following Certified companies / products:

**AVAYA**



**broadsoft**



**Spectrum**  
ENTERPRISE

**UNIFY**  
atos collaboration solutions

- ❖ Several certifications are pending.

# SIPconnect 1.1 Certification Testing

## Goals:

- ❖ Define what it means to be SIPconnect 1.1 Certified.
- ❖ Establish a formal test plan and program to certify compliance.
- ❖ Testing is open to Service providers, PBX developers and makers of a SIP-enabled product or service.
- ❖ Eligible companies can license the use of the SIP Forum's 'SIPconnect Certified' certification mark.



# SC-IT Partnership with UNH-IOL

- ❖ The SIP Forum has contracted with the University of New Hampshire InterOperability Laboratory (UNH-IOL) to develop the program test tools and provide testing services.

<https://www.iol.unh.edu/testing/ip/sip/sipconnect>

- ❖ UNH-IOL is a neutral, third-party laboratory dedicated to testing networking technologies.
- ❖ UNH-IOL provides a Digitally Signed Report that can be used by Vendors to apply for Certification.



# SIPconnect Certification Program Procedures

1. Download and review the Certification Program documents at <https://www.sipforum.org/technology/sipconnect/sipconnect-certification-testing-program-overview/sipconnect-certification-testing-program-application/>
2. Submit the Application Form and License Agreement.
3. Program Committee reviews the Application for product or service suitability to SIPconnect 1.1.
4. Upon acceptance the SIP Forum will notify the vendor, issue an invoice for the testing fee and confirm receipt of payment.
5. SIP Forum will notify UNH-IOL the vendor is approved for testing.
6. UNH-IOL will guide the vendor through next steps:  
NDA, technical requirements, facilities, optional practice runs, formal test scheduling, etc.

# SIPconnect 1.1 Testing Steps (continued)

7. Practice Runs (Optional)
  - Remote and on-site test tool access for practice testing.
8. UNH-IOL conducts the product or service testing.
  - 1 to 2 week test cycle expected.
9. UNH-IOL Test Report is released to the vendor.
  - Cryptographically signed Adobe .pdf format for authenticity.
  - UNH-IOL will review the results with the vendor.
10. Vendor may:
  - a. Share the Test Report with the SIP Forum Certification Committee review and possible certification decision.
  - b. Implement fixes and schedule a retest at no charge within 6 months for up to 10% of the failed test cases.
  - c. Decide to not share the Test Report with the SIP Forum and do nothing.

# SIPconnect 1.1 Testing Steps (continued)

11. SIP Forum Certification Committee will review the Test Report (if provided by vendor) for a compliance decision.
  - Certification Committee is composed of 7 to 10 volunteers from the SIP Forum membership. Exact number may vary but limited size to facilitate decision making.
  - Decisions will be made in a fair and consistent basis.
  - If a vendor fails to achieve certification the reasons will be explained.
12. The SIP Forum will announce Certified Products/Services only at the request of the vendor upon license activation.
  - The SIP Forum will not share individual test reports.
  - Anonymized aggregate data may be reported from time to time for market analysis.

# SIPconnect 1.1 Certification Documents

## ❖ Program master document library:

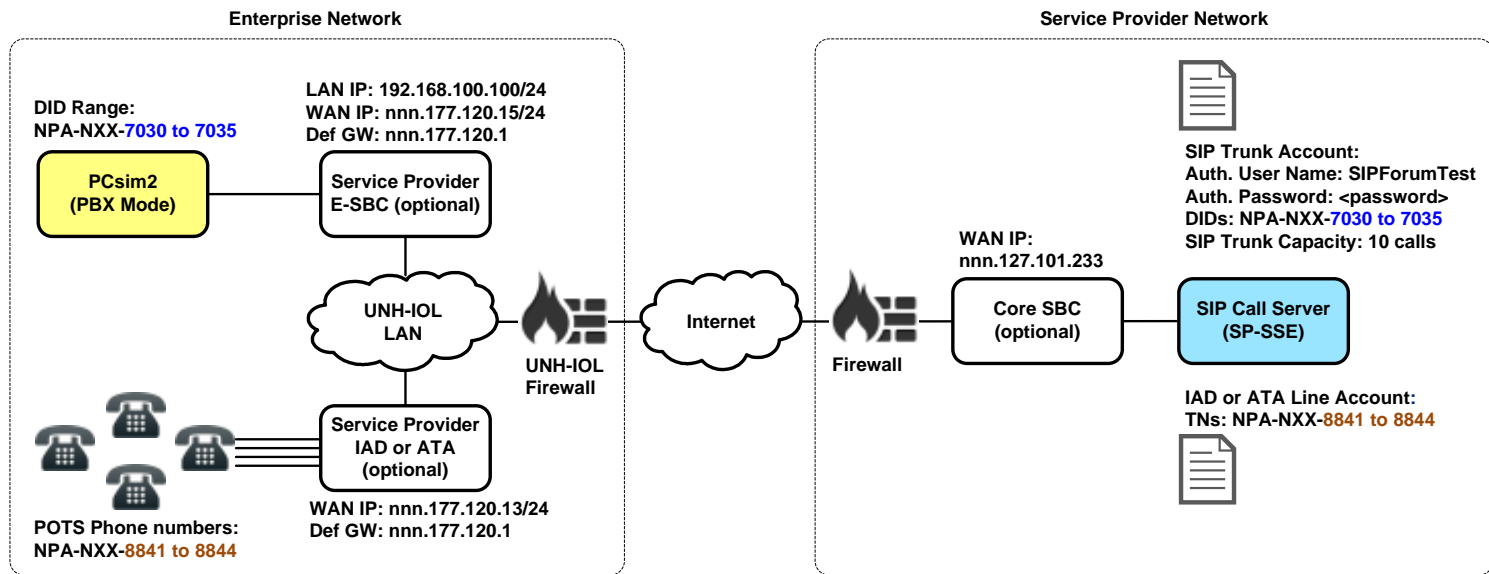
<https://www.sipforum.org/technology/sipconnect/sipconnect-certification-testing-program-overview/>

- SIPconnect 1.1 Certification Program Process Flowchart
- SIPconnect 1.1 Certification Test Application Form
- SIPconnect Certification Test Plan
- SIPconnect 1.1 Certification Committee Decision Guidelines
- Sample SIPconnect Certification Testing Program Test Report
- SIPconnect Certification Mark License Agreement



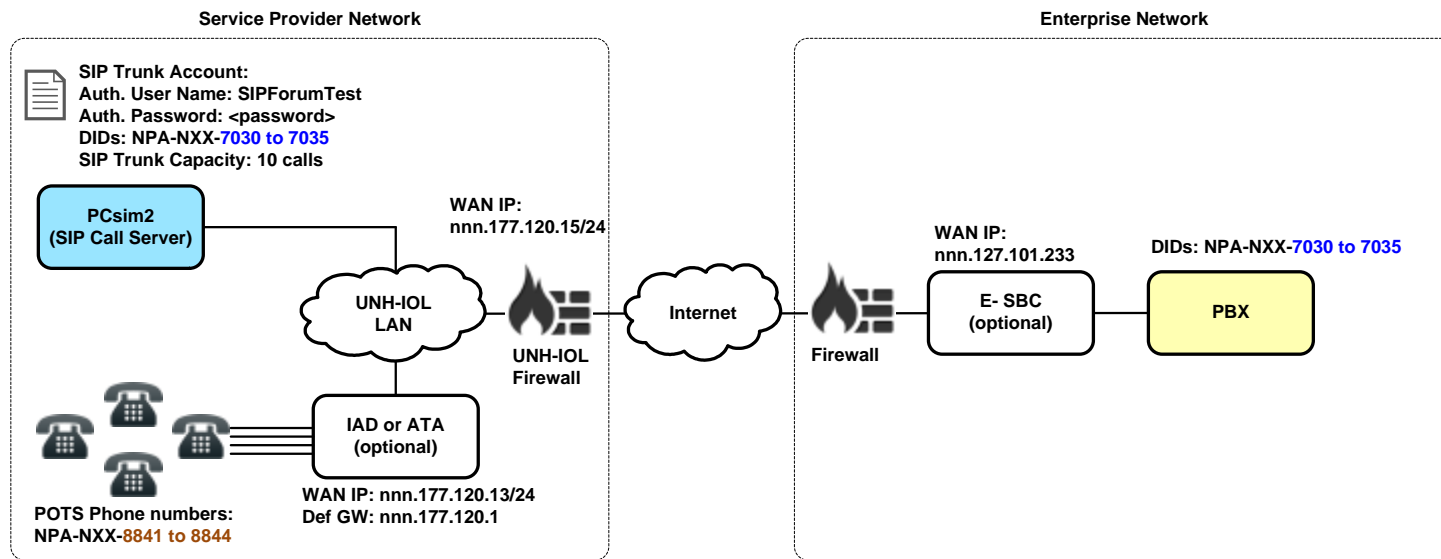
# SIP Trunk Remote Test Network Example

- ❖ SIP Trunk Service Provider remote lab testing over the Internet.
- ❖ IAD/ATA provides POTS lines to simulate PSTN destinations on a “closed” lab network environment.



# PBX Remote Test Network Example

- ❖ PBX remote lab testing over the Internet.
  - Optionally may install the PBX at UNH-IOL for on-site testing, too.
- ❖ IAD or ATA used for POTS lines to simulate PSTN endpoints



# SIPconnect 1.1 Founding Sponsor Program

- ❖ Paid \$7500 sponsorship to help fund the development and ongoing operation of the SIPconnect 1.1 Certification Program.

<https://www.sipforum.org/download/sipconnect-certification-testing-program-sponsorship-information/?wpdmdl=2755>

- ❖ Benefits include:

- Sponsor can perform as many certification tests as desired at an exclusive, discounted price.
- Priority Scheduling of Tests and Exclusive Promotional Activities
- Contact Marc Robins at [marc.robins@sipforum.org](mailto:marc.robins@sipforum.org) for details.

# SIPconnect 1.1 Founding Sponsors

❖ Shout out to our Founding Sponsors!



