TxCallVerify

Authenticated ISD/STD calls for Skype for Business

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Microsoft Skype for Business users, who have enterprise voice enabled, can dial IST/STD numbers if their voice policy allows them to do so. But this enablement does not ensure that only authenticated users make use of this feature.
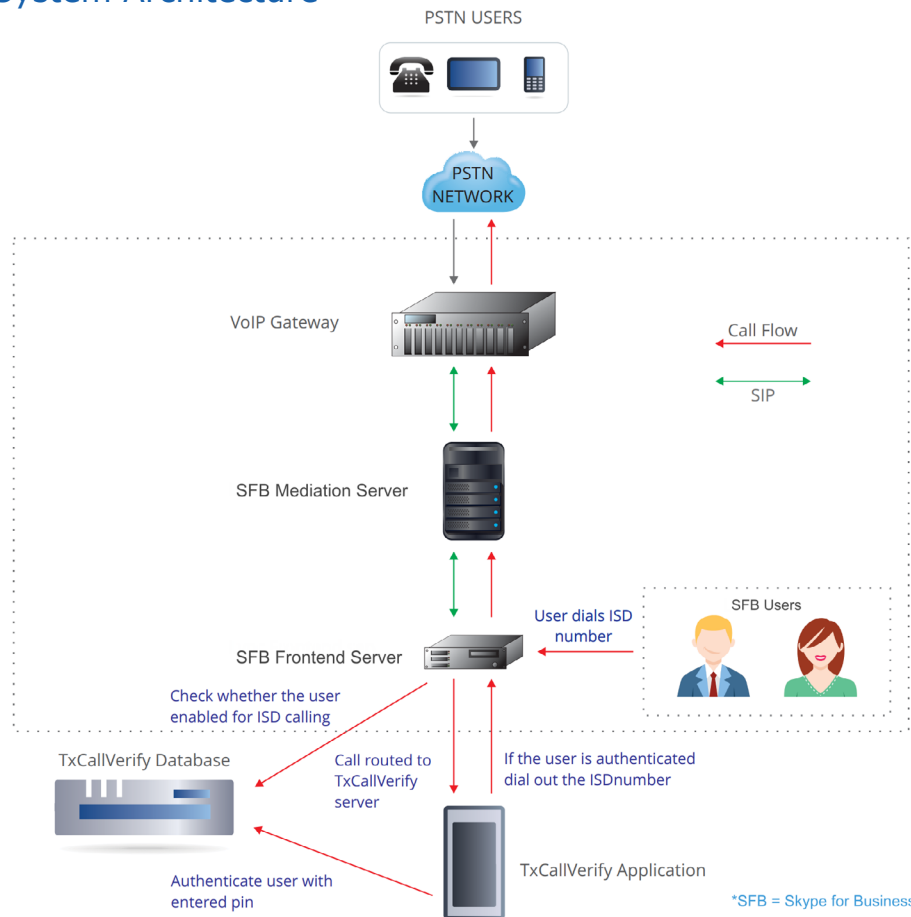
For Example: The user logs in to the phone and makes PSTN calls. The user may walk away from the desk to attend meetings or on break. During this interval only the user's presence is changed to "Away" and the phone is not locked and does not stop the unauthorized users from using the PSTN facility.

TxCallVerify is an application developed to facilitate the ISD/STD calling feature of Skype for Business users through authentication. This application is intended for the organizations that need to allow the PSTN calling facility to its Skype for Business enabled users through authentication. This integrates natively with Skype for Business taking advantage of all the features available.

TxCallVerify supports two modes of authentication

1. PIN based authentication
2. Presence/PIN based authentication

System Architecture

Highlights

- Authenticate callers for PSTN calling
- Define business rules of usage
- Easy management through web interface
- Native integration with SFB
- Detailed CDR for reporting

PIN based authentication

In this mode, the callers have to call TxCallVerify application and enter the PIN in order to use ISD/STD calling feature.

Presence/PIN based authentication

In this mode, depending on the presence of the caller, he will be redirected to TxCallVerify automatically for authentication. If the user's presence is Busy/Online the caller will not be prompted for authentication. In all the other status, if the caller dials ISD/STD number will be redirected to TxCallVerify and he will be prompted for entering the password. If authentication is successful, the caller will be able to dial ISD/STD numbers.

PIN based authentication

- Web interface for administrators to enable\disable ISD dialing feature.
- Web interface for administrators to set pin for enabled users.
- Enabled users can set\Update pin using TxCallVerify application.
- Authentication through unique PIN assigned to users.
- Allows only authenticated callers to use PSTN dialing feature.
- Enable/disable PIN authentication depending on the presence of the Lync user.
- Detailed CDR's for reporting/monitoring purpose using web interface.
- Block ISD/STD feature after working hours or on holidays for a specified set of Lync users.

System Requirements

- **Server** : 2 physical servers (with redundancy)
- **Specifications** : Dual Intel Xeon 8 core with 2.4 GHz, 32 GB RAM, 300 GB X 3 HDD
- **Operating System** (Minimum version) : Windows Server 2016

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Interlink Network Systems established in the year 1991 is a Telephony and Enterprise Application Integration (EAI) software products and services company. Interlink's products are based on a mission critical and redundant architecture that enables secure and guaranteed data/voice acquisition and delivery over the LAN/WAN and the Internet. With valued customers in the US, Canada, Africa, Middle East and South-Asia, Interlink is committed to delivering high quality products and services.

TELENETIX

Telenetix is the R&D/support center of Interlink, and has been operating in India since 2004. Telenetix being a core R&D company invests heavily in people in the form of extended training and mentoring of local talent, turning them into world class engineers. TxContact software is developed and marketed in India by Telenetix. TxContact software support is provided exclusively by Telenetix around the world.

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