Product Name: pbxnsip CO-Lines (PBX-CO)
Manufacturer: pbxnsip
Model Number: -

Availability: In Stock

Purpose of CO-Lines

In TDM-based PBX, there were a number of physical lines connecting the PBX with the public telephone network. These lines were called "CO-lines".

It is interesting to see what calls are active on the CO-lines. Over the centuries that PBX have been used, office users got used to CO-lines and they do expect at least the same behavior from a modern SIP-based PBX.

In SIP, there are no more physical cables used to connect the PBX with the outside world. However, it is still interesting to see which calls are active between the PBX and the outside world. Therefore, the pbxnsip emulates the behavior of the TDM-based PBX.

CO-lines are associated with trunks. Each trunk may have several CO-lines. Because users can subscribe to the state of the CO-lines, their name must be unique in the domain like for all other accounts.

For example, you can set up four CO-lines on Trunk1 with the name "co1 co2 co3 co4" and more CO-lines on Trunk2 with different names like "co5 co6 co7 co8" (the list of CO-lines must be separated by space). The PBX will reject names for the CO line that are already used by accounts or other CO-lines in the same domain. The CO-lines are listed in the account list, because they share the same namespace.

pbxnsip Components

pbxnsip Component*
Order Code
Description

Domain
PBX-DOM
An instance of the PBX with defined extensions, trunks, auto attendant etc.

Extension**
PBX-EXT
A device that registers the PBX e.g. IP phone, softphone, etc.

Auto Attendant
PBX-AA
An extension that automatically answers calls and facilitates call transfers

Calling Card
PBX-CC
An account that makes it possible to place outbound calls from the PBX.

Hunt Group
PBX-HG
A grouping of extensions set up to receive calls in order if a line is busy.

Paging Account*
PBX-PA
A one-way audio communication from one caller to a large group of listeners.

IVR Node
PBX-IVR
An account that allows a telephone caller, to select an option from the menu.

Agent Group
PBX-AG
A queue for incoming calls that allows foir dispatch to a list of agents.

Conference Room
PBX-CR
A PBX account acting as a simple conference for multiple participants.

Trunk
PBX-TRK
A connection used to interface with devices that are not registered with the PBX.

Recording
PBX-REC
An option of the PBX that allows for inbound and outbound call recording.

CDR Reporting
PBX-CDR
An option of the PBX that allows for Call Detail Records to be used for billing.
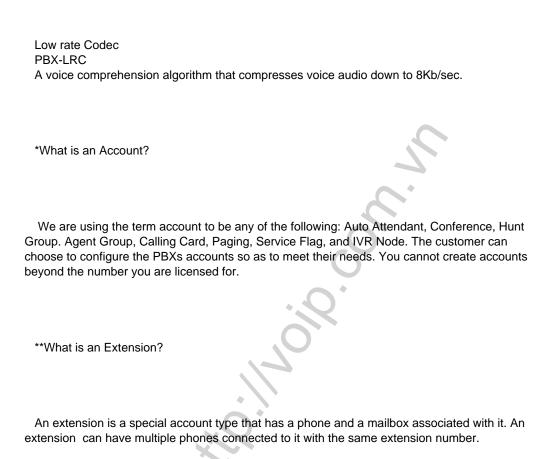
SIPS Security
PBX-SEC
A security option of the PBX that secures calls using TLS, SRTP, and SDES.

Co-Lines
PBX-CO
CO-Lines are associated with trunks, Each trunk may have several CO-Lines.

Low rate Codec
PBX-LRC
A voice comprehension algorithm that compresses voice audio down to 8Kb/sec.

*What is an Account?

We are using the term account to be any of the following: Auto Attendant, Conference, Hunt Group. Agent Group, Calling Card, Paging, Service Flag, and IVR Node. The customer can choose to configure the PBXs accounts so as to meet their needs. You cannot create accounts beyond the number you are licensed for.

**What is an Extension?

An extension is a special account type that has a phone and a mailbox associated with it. An extension can have multiple phones connected to it with the same extension number.

*The pbxnsip components above can be added to the base bundles found on pbxnsip Software IP PBX Section
Please Enquire