Version 1.1

QX3440

ANALOG BRIDGE CARD

QX3440-/S

QX3440-D

MINI-SLOT
plug-in module

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VOICE CARDS
(E&M, FXS, FXO*
and Magneto)

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**ANALOG
BRIDGE**
Downstream:
two to many
Upstream:
many to two
Master/Slave
Architecture
Up to 2 Masters and
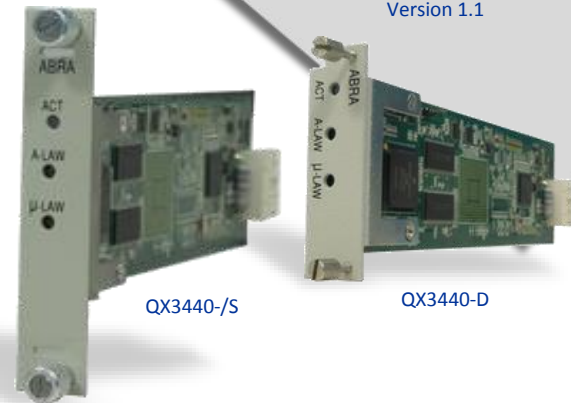14 Slaves in one
group
2 Masters for 1+1
protection

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**VOICE
CONFERENCE
BRIDGE**
Any-to-Any
architecture
Up to 16 members
in one group

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**SILENCE
DETECTION
FUNCTION**

Description

The Analog Bridge Card (ABRIDGE) is designed for the QX3440 series which is for analog bridging function. It can work with the voice cards including E&M, FXS, FXO* and Magneto cards supported by the QX3440.

The ABRIDGE Card supports up to eight independent analog bridge groups. Each group can be set to either conference mode or Master/Slave mode. The analog bridge group works in Master/Slave architecture. Each analog bridge group has up to 2 master channels and 14 slave channels. Analog signals coming from E&M, FXS, FXO* and Magneto interfaces could be mapped to user-selected slave channels on the ABRA card, and then all slave channels will be merged to the master channels in the same analog bridge group.

The ABRIDGE card supports conference mode, it supports up to 16 members in one conference group for any-to-any voice conference. Voice traffic coming from E&M, FXS, FXO* and Magneto interfaces could be mapped to a member channel and broadcast to other member channels.

Ordering Information
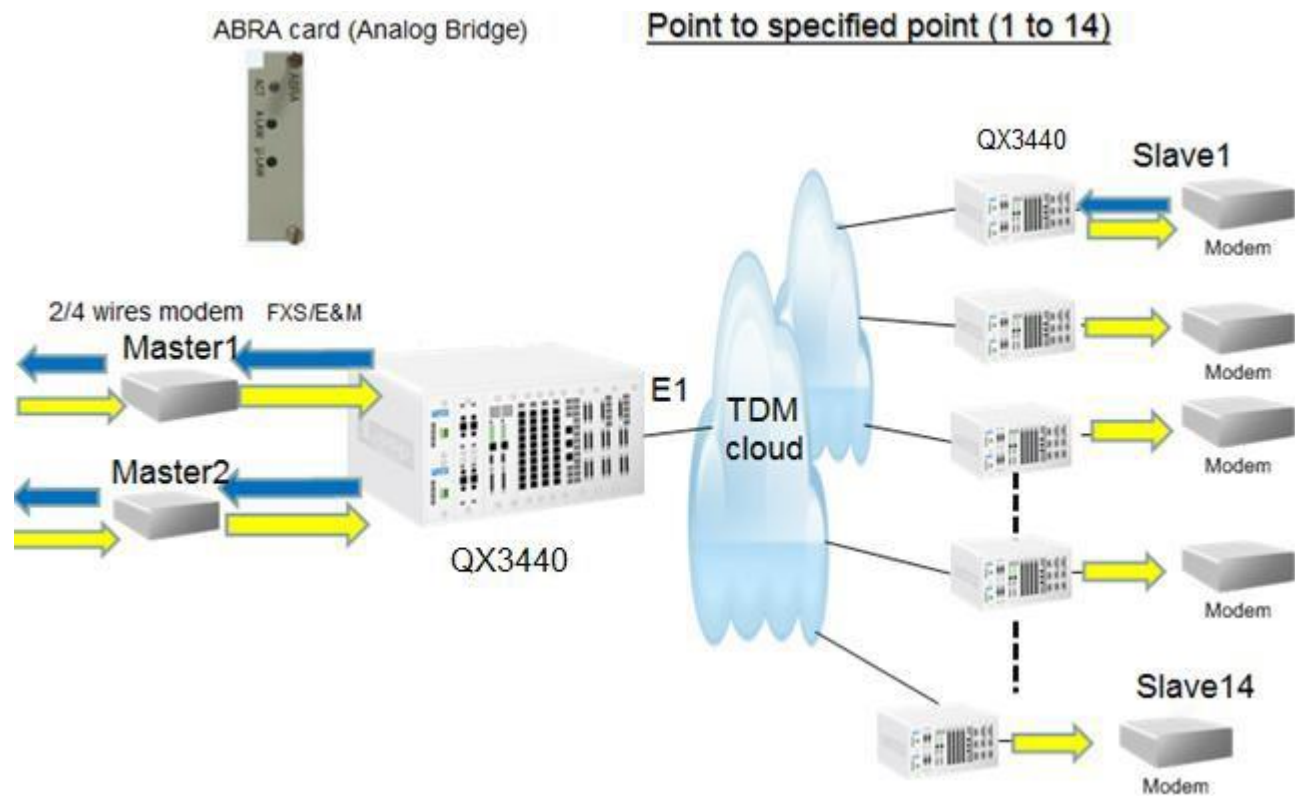
To specify options, choose from the list below.

Model	Description	Notes
QX3440-ABRIDGE	Analog Bridge Card for QX3440-/S	Used in QX3440 (5U) QX3440-S (2.5U) Chassis
QX344D-ABRIDGE	Analog Bridge Card for QX3440-D	Used in QX3440-D Chassis

*Future Option

ABRIDGE Card Specifications

Card Specifications	
Group	Up to 8 groups
Analog bridge Mode	Master/Slave Architecture
Downstream : 2 to many	
	Upstream : many to 2
Voice Conference Mode	Any-to-any conference bridge
Up to 16 members in one conference group	
PCM encoder/decoder	Compatible with ITU-T G.711 A-law/Mu-law coding.
LED Indicator	Multi-color indication

Application Illustrations

Smart Solutions for Smart Networks