

XOP Networks™ Ringdown Firebar Conference Server

Technical Data Sheet

Ringdown Firebar Conference Server

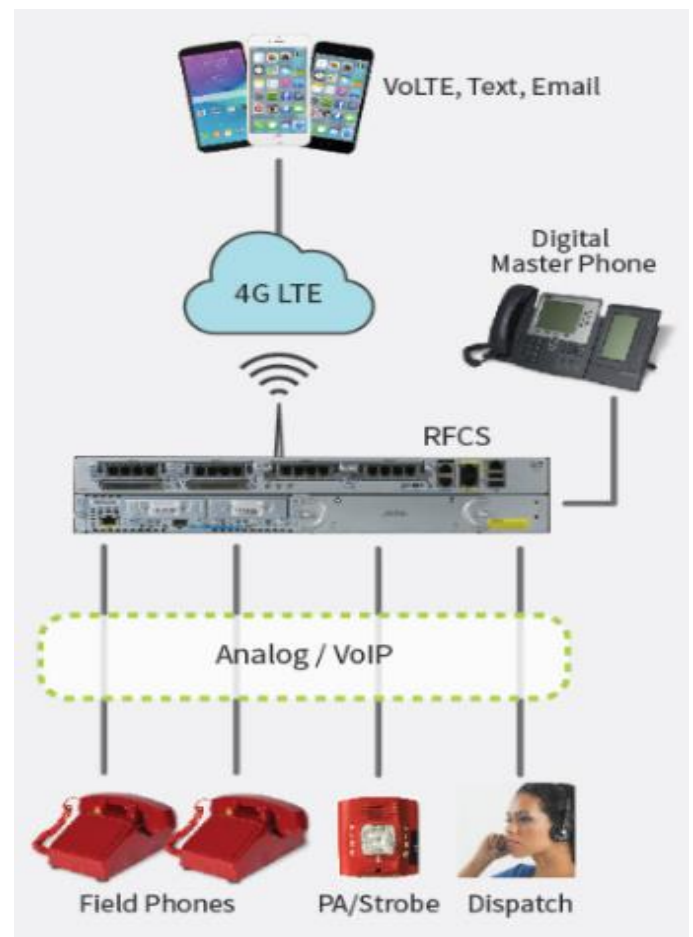
XOP Networks' Ringdown Firebar Conference Server (RFCS) scales from 8 ports to 96 ports. It provides direct termination for analog (Red Emergency) phones, as well as VoIP phones connected via a VLAN/Fiber. These systems are typically deployed in campus locations that are prone to emergency situations, e.g., Airports, Air Force Bases, Chemical plants, Oil and gas installations etc.

A person close to the emergency can simply lift the handset on any of the RFCS connected phones and trigger a dial out conference with other phones. As people answer these calls they are automatically placed into a conference with the initiator. A unique aspect of XOP RFCS is its ability to also interface with on-site PBX, IP PBX, or 4G LTE. This allows people outside the immediate emergency area to be reached via the PSTN.

Having support for both analog and IP based interfaces allows customers to easily migrate their Crash phone network from traditional copper-based network to an all IP network.

RFCS Features

- Meets and exceeds all requirements as specified in FAA (AFI 13-204V3).
- Based on robust Cisco router hardware
- Can operate as standalone or interface with on-site PBX/IP PBX
- Support regular 2500 phone sets and VoIP SIP phones
- Internet appliance – accessible from any browser
- Real time view of running conference
- Display status of individual lines on the Master Stations. Multiple Master Station phones.
- Unlimited number of dynamic dial-out Firebar conferences
- Automatic recurring daily test calls
- Automatic conference recordings (configurable)
- Built in test port for network testing and troubleshooting



RFCS Port Configurations

The number of ports can be any mix of Analog, TDM and VoIP channels.

Number of ports per chassis: Minimum 8,
Maximum 96
3 U Rack space

Voice Quality

Toll Voice Quality (G.711, G.729, G.722
codecs)
Echo Cancellation
Automatic Gain Control
Loudest Speaker Algorithm

System Level Features

VLAN Accessible Web Portal for
Administrative Functions
Real Time View of running conferences
Selectable 'Entry & Exit Tones
Custom Announcements
Usage Reporting
Call Logs, Usage reports
Built-in Audio Recording
Automated Periodic testing
Secure Login on HTTPS
Multiple Admin Login
SNMP Based System Monitoring
On Demand Local and Off-site Back-up &
Restore
1+1 Hot & Standby System Configuration

Available Interface Options

2-wire FXS
2-wire FXO
4-wire E&M
VoIP SIP Trunks and SIP Extensions
CAS T1/E1, ISDN PRI
4G LTE
PSTN Land Line

Mobile Radio

Line level Audio with relay control

Server Specifications

Standard 19" rack mountable Cisco Router based chassis
Built-in Cisco Server Module with XOP Conferencing Software
RAID1 Mirrored Hard Drives
Redundant Power Supplies: 110-240 VAC, 47-63 Hz, 600 Watts
Weight: 30 Kg

Operating Requirements

Operating Temperature +0 deg Celsius to 50 deg Celsius
Storage Temperature -20 deg Celsius to 70 deg Celsius
Humidity 8% to 80% non-condensing

Warranty and Technical Support

One Year Hardware and Software Warranty included
One Year Technical Support: 8 x 5 M-F included
Extended Warranty and 24 x 7 Technical Support available

Supported Peripherals

Valcom Paging Gateway
Viking Loop Extender
Viking Strobe Relay
Wheelock Panic Button
Axis Siren/speaker
Bogen PA
Harmony Tower Lights

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