



OneStream 3GFX

Product Information



TelecomFM's OneStream 3GFX represents a new approach in corporate fixed, mobile & VoIP convergence. OneStream 3GFX is designed to provide companies with the means to converge their voice calls on to one medium. This might be:

- Wireline (Analogue)
- Wireless (GSM 900/1800, UMTS 850/900/2100)
- Packet (SIP, H.323)

OneStream 3GFX can be used to intelligently route calls between these media efficiently and in a scalable fashion thereby producing cost effective communication for any size of business. Additionally, OneStream 3GFX provides incredible cost savings for branch to branch communication.

It allows a customer to add VoIP & GSM functionality to a conventional PABX or to provide the security of proven Analogue & GSM technology to an IP PBX.



Dealer's Stamp

... a global vision of customer interconnection

OneStream 3GFX Technical Specification

Features Overview

Intelligent Routing of Voice Calls between any combination of PBX, PSTN, GSM/UMTS and IP technologies
Automatic Failover Routing to allow for networks being Busy or Unavailable
Acts as SIP Client, Registrar and Proxy for maximum flexibility
Locally and Remotely configurable via user-friendly Web Interface
Secure DISA (Direct Inward Systems Access) allows a secondary dialtone to be provided for access to the OneStream Routing plan
SIM Lock, Phone Lock and Network Lock are all available for added Wireless security
Country Specific Customisation
Connection and Disconnection supervision for both Incoming and Outgoing calls (Line Reversal and K-Break)
Caller ID Detection and Regeneration
Echo Cancellation and Volume Controls on all Channels
Remote Diagnostics and Future-proof Firmware Upgrade Facility
Bandwidth Management

Wireless Interface

Wireless Module	2 x Cinterion EU3-E / EU3-P
Bands	GSM 900MHz GSM 1800MHz UMTS 850MHz UMTS 900MHz UMTS 2100MHz
Transmit Power	Class 4 (2W) for GSM 900MHz Class 1 (1W) for GSM 1800MHz Class 3 (0.25W) for UMTS
Speech Codecs	Half Rate (HR) Full Rate (FR) Enhanced Full Rate (EFR) Adaptive Multi-Rate (AMR)
Antennae	2 x Gold plated SMA Male Connectors for remote antennae (included)
SIM Card	2 x 3V Small card

VoIP Interface

Channels	6 IP Channels
Physical	10/100M Autosensing RJ45 Ethernet port
Signalling	SIP (Session Initiation Protocol) H.323
Voice Codecs	G.729a, G.711u, G.711a
Protocols	TCP, UDP, SIP, RTP HTTP, FTP, DHCP

Physical Specification

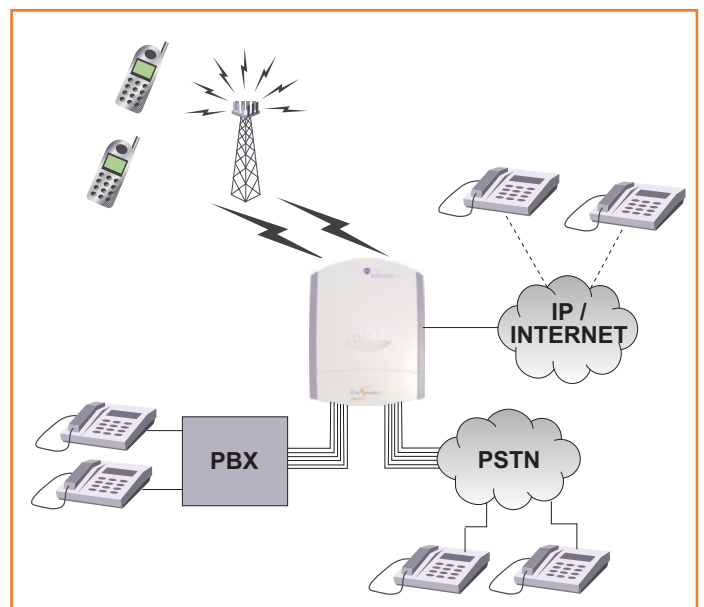
Length	302 mm
Width	235 mm
Height	45 mm

FXO Interface

Physical	6 x Krone connectors for PSTN
Caller ID	Bellcore & BT Standard

FXS Interface

Physical	6 x Krone connectors for PBX / POTS
Call Control	DTMF
Line Voltage	48V on hook
Loop Current	18-40mA off hook
Ring Voltage	44-55Vrms
Ring Load	REN 4



For further information on this and other TelecomFM products and services, please contact TelecomFM

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