



OneStream GBRI Product Information -



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

Wireline (ISDN BRI)

Wireless (GSM 850, 900, 1800, 1900)

Packet (SIP, H.323)

OneStream GBRI can be used to intelligently route calls between these media efficiently and in a scaleable fashion thereby producing cost effective communication for any size of business. Additionally, OneStream GBRI 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 ISDN BRI & GSM technology to an IP PBX.



... a global vision of customer interconnection

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OneStream GBRI Technical Specification



Features Overview

Intelligent Routing of Voice Calls between any combination of ISDN BRI, GSM and IP technologies

Automatic Failover Routing to allow for networks being Busy or Unavailaible

ISDN Passthrough on power failure

Acts as SIP Client, Registrar and Proxy for maximum flexibilty

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 GSM security

Point-to-Point and Point-to-Multipoint Modes of operation

Caller ID Detection and Regeneration

Echo Cancellation and Volume Controls on all Channels

Remote Diagnostics and Future-proof Firmware Upgrade Facility

Bandwidth Management

ISDN Clock Source Selection

GSM Interface

GSM Module 2 x Siemens MC55 / MC56

Bands GSM 850MHz

GSM 900MHz GSM 1800MHz GSM 1900MHz

Transmit Power Class 4 (2W) for EGSM 850MHz

Class 4 (2W) for EGSM 900MHz Class 1 (1W) for GSM 1800MHz Class 1 (1W) for GSM 1900MHz

Speech Codecs Half Rate (HR)

Full Rate (FR)

Enhanced Full Rate (EFR)
Adaptive Multi-Rate (AMR)

GSM 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.729, G.711u, G.711a Protocols TCP, UDP, SIP, RTP

HTTP, FTP, DHCP

Physical Specification

Length 302 mm Width 235 mm Height 45 mm

NT Interface

Physical 4 x RJ45 Connectors (OneStream GBRI-4)

2 x RJ45 Connectors (OneStream GBRI-2)

Protocol Q931

Q921 DSS1

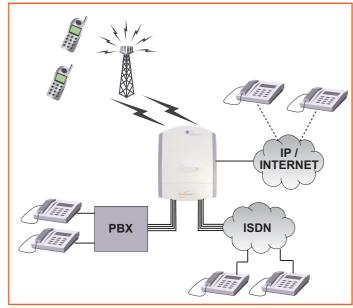
TE Interface

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