



# OneStream GBRI

## Product Information

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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 scalable 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

# 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 Unavailable

ISDN Passthrough on power failure

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 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

Physical	4 x RJ45 Connectors (OneStream GBRI-4) 2 x RJ45 Connectors (OneStream GBRI-2)
Protocol	Q931 Q921 DSS1

