

## TECHNICAL DATASHEET

# SIMADO GFX44

*The Multi-port GSM/3G - FXS Gateway*

**ADVANCED  
NETWORK BRIDGING  
SOLUTION THAT  
BRIDGES BUSINESSES  
TO SUCCESS**



# MATRIX SIMADO GFX44

The future of business connectivity is here and ready to be delivered at your doorstep under the name of SIMADO GFX44 - Matrix Media Gateway. This advanced network-bridging solution offers interfaces for multiple GSM/3G and FXS ports. It can be used with any existing PBX without changing their existing telephony infrastructure or in a standalone mode too. Matrix SIMADO GFX44 works as an adjunct and supports flexible routing options, providing significant cost saving and round-the-clock connectivity.

## MATRIX SIMADO GFX44

SIMADO GFX44 is a fixed configuration GSM/3G-FXS voice Gateway. It connects with the existing telephony devices via FXS interface. Up to four SIM cards can be placed inside the SIMADO GFX44 Gateway, allowing a user to make up to four concurrent calls. The calls to mobile numbers are placed via the GSM/3G SIM cards, reducing higher fixed-to-mobile interconnection charges.

### TECHNICAL SPECIFICATIONS

#### PRODUCT VARIANTS

SIMADO GFX44	GSM to Analog Voice Gateway with Four GSM SIM and Four FXS Ports
SIMADO GFX44	3G to Analog Voice Gateway with Four 3G SIM and Four FXS Ports

Parameters	Specifications
Mobile Port:	
Frequency Bands	Quad-band GSM850, EGSM900, DCS1800, PCS1900 Tri-band WCDMA 850/1900/2100 MHz or Tri-band WCDMA 900/1900/2100 MHz
Compliance	ETSI GSM Phase2/2+
SIM Interface	1.8, 3V SIM Interface
Antenna	1.8/2.5 *dBi, 50, SMA (Male) Connector, Fixed Omni Directional Swivel Antenna1.8/3.0 *dBi, 50, SMA (Male) Connector, Omni Directional with a Cable Three Meters Long

FXS Port:	
Physical Connector	Rj11

Dialling	DTMF and Pulse (10/20PPS)
CLI Presentation	DTMF, FSK ITU-T V.23 and FSK Bellcore 202A CLI
Call Maturity	Polarity Reversal

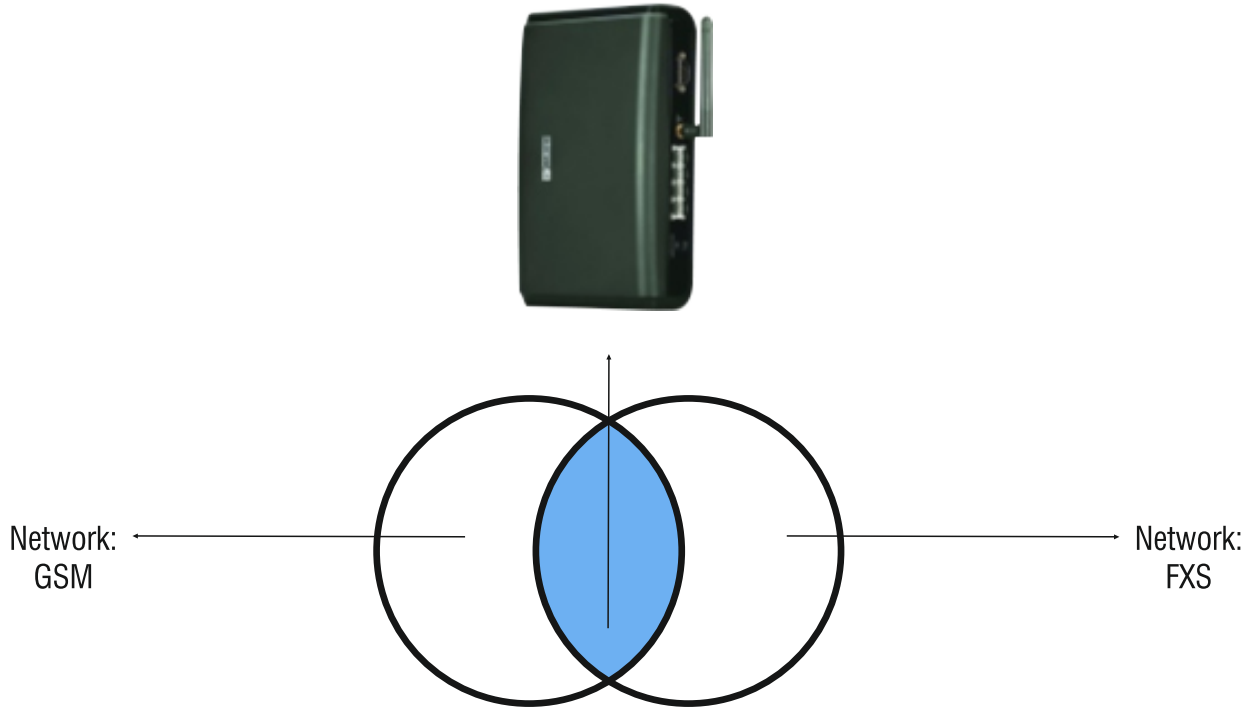
Power Supply:	
Input	External Power Adaptor Input: 90-265VAC, 47-63Hz Output: 12VDC@2A
Power Consumption	8W (Typical)

Mechanical:	
Dimensions (WxHxD)	23.1 X 5.5 X 16.2 cm (9.09"x2.16"x6.37")
Unit Weight	1.00 kg (2.21 lbs) Approx.
Shipping Weight	1.83 kg (4.03 lbs) Approx.
Mounting Options	Wall Mount and Table Top

Environmental:	
Operating Temperature	0° C to +45° C (32° F to +113° F)
Storage Temperature	-20° C to +70° C (-4° F to +158° F)
Operating Humidity	5-95% RH (Non-condensing)
Storage Humidity	0-95% RH (Non-condensing) at 40° C

Regulatory Compliances:	
IEC 60950-1, RoHS, FCC Part15, CE	

## MATRIX SIMADO GFX44 APPLICATION



## MATRIX SIMDO GFX44

## MATRIX SIMADO DEPLOYMENT ARCHITECTURE



## About Matrix

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. Matrix, an innovative, technology driven and customer focused organization, is committed to keep pace with the revolutions in the telecom and security industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like IP-PBX, Universal Gateways, VoIP Gateways and Terminals, GSM Gateways, Access Control, Time-Attendance and Video Surveillance solutions. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Asia, Europe, North America, South America, and Africa through an extensive network of more than 2,500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.



### **MATRIX COMSEC**

#### **Head Office**

394-GIDC, Makarpura, Vadodara-390 010,  
India.

Ph: (+91) 265-613-7222

E-mail: [Inquiry@MatrixComSec.com](mailto:Inquiry@MatrixComSec.com)

#### **Factory**

19-GIDC, Waghodia,  
Dist. Vadodara-391 760,  
India.

Ph: (+91) 265-613-7222

### **MATRIX COMSEC - North America**

2 Wickstead Crt, Brampton,  
Ontario, L6R 1N8

+1 408-643-0581 (USA)

+1 437-266-1005 (Canada)