

RESERVE BANK OF INDIA
MAINTAINS A HEALTHY ECONOMY AND
ENHANCES PRODUCTIVITY WITH
THE COMMUNICATION BACKBONE
PROVIDED BY
MATRIX!



INDUSTRY	BFSI (Financial Services)
CUSTOMER	Bharatiya Reserve Bank Note Mudran Private Limited (BRBNMPL)
LOCATION	Salboni, West Bengal
CHALLENGES	<ul style="list-style-type: none"> • Required PBX with 900 User Capacity • Required PBX with In-skin GSM Technology for Cost-effective Calling • Required IP Infrastructure to Connect IP Phones • Easy Management of Communication System
SOLUTION	<p>ETERNITY LE IP-PBX with SPARSH VP248S IP Phone</p> <ul style="list-style-type: none"> • ETERNITY LE - IP-PBX with Expansion Capacity of up to 1500 Users • Four In-skin GSM/3G Cards for Outbound Calling • 32 VOIP Channels for Concurrent Calling • Remote Management of all Systems with Web based GUI

INTRODUCTION

Bharatiya Reserve Bank Note Mudran Private Limited (BRBNMPL) is one of the subsidiaries and prints currency notes for the Reserve Bank of India. BRBNPL was established by RBI for producing bank notes in India with an objective of

bridging the gap between the supply and demand for bank notes in the country. BRBNMPL required a cost-effective communication system with expansion capacity up to 900 users, to cater its day-to-day communication needs.

CHALLENGES

Foremost requirement of the customer was to replace its existing Analog EPABX system with an IP PBX system with up to 900 users keeping in view their future requirement. There were many wear, tear and joints in the old cabling system due to which the customer was facing connectivity problems. The

customer wanted to reduce the use of PSTN line and upgrade it to VOIP and GSM technology as a cost-effective solution. They also required ten SPARSH VP248S - IP Phones for advanced IP features and IP cabling infrastructure for easy management of the system.

SOLUTION

Matrix, along with its regional channel partner – Royaltech Telesystems, West Bengal, understood the requirements of the customer and delivered the solution with – ETERNITY LE IP-PBX and SPARSH VP248S IP Phones.

- **ETERNITY LE - IP-PBX WITH EXPANSION CAPACITY UP TO 900 USERS**

ETERNITY LE – The IP-PBX with Seamless Mobility and Universal Connectivity was provided as a solution to cater expansion plans of the customer. ETERNITY LE can expand up to 1500 users making it a suitable solution for future requirements.

- **IN-SKIN GSM TRUNKS FOR OUTBOUND CALLING**

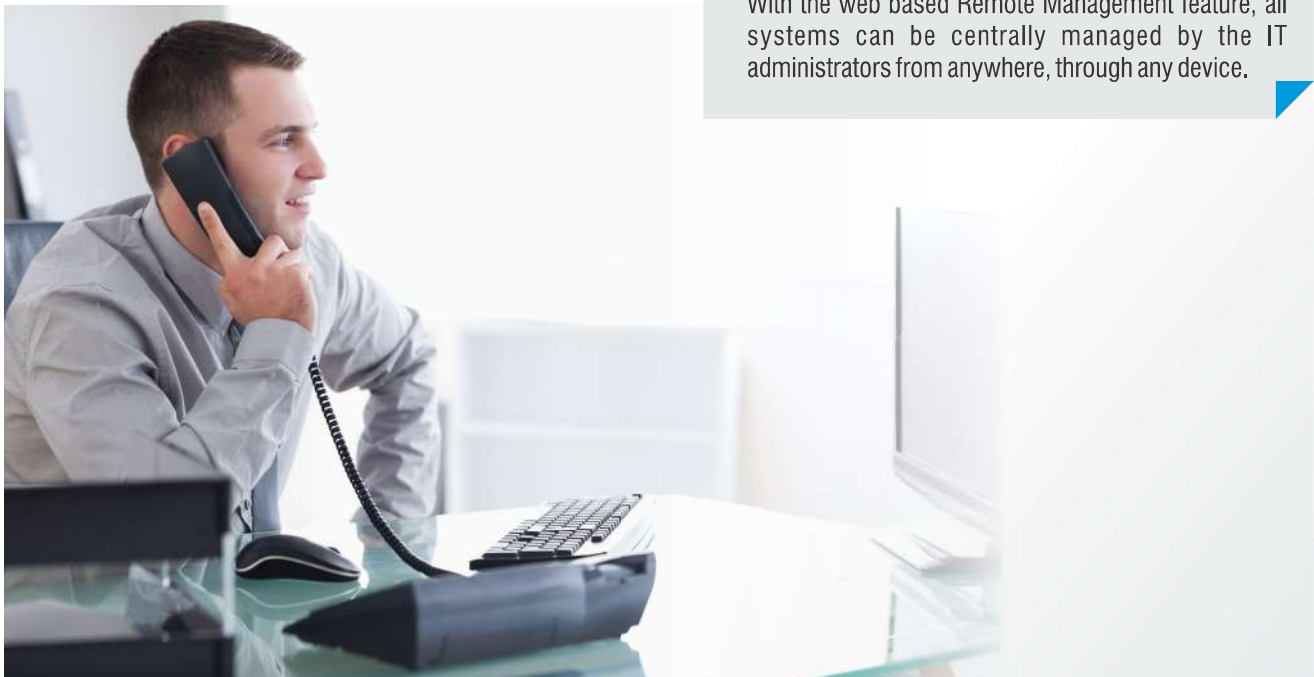
GSM Trunks helped the customer to make outbound calls at lucrative rates as it is the most accessible and cost-effective technology.

- **VOIP CHANNELS FOR CONCURRENT CALLING AND FUTURE-PROOF TECHNOLOGY**

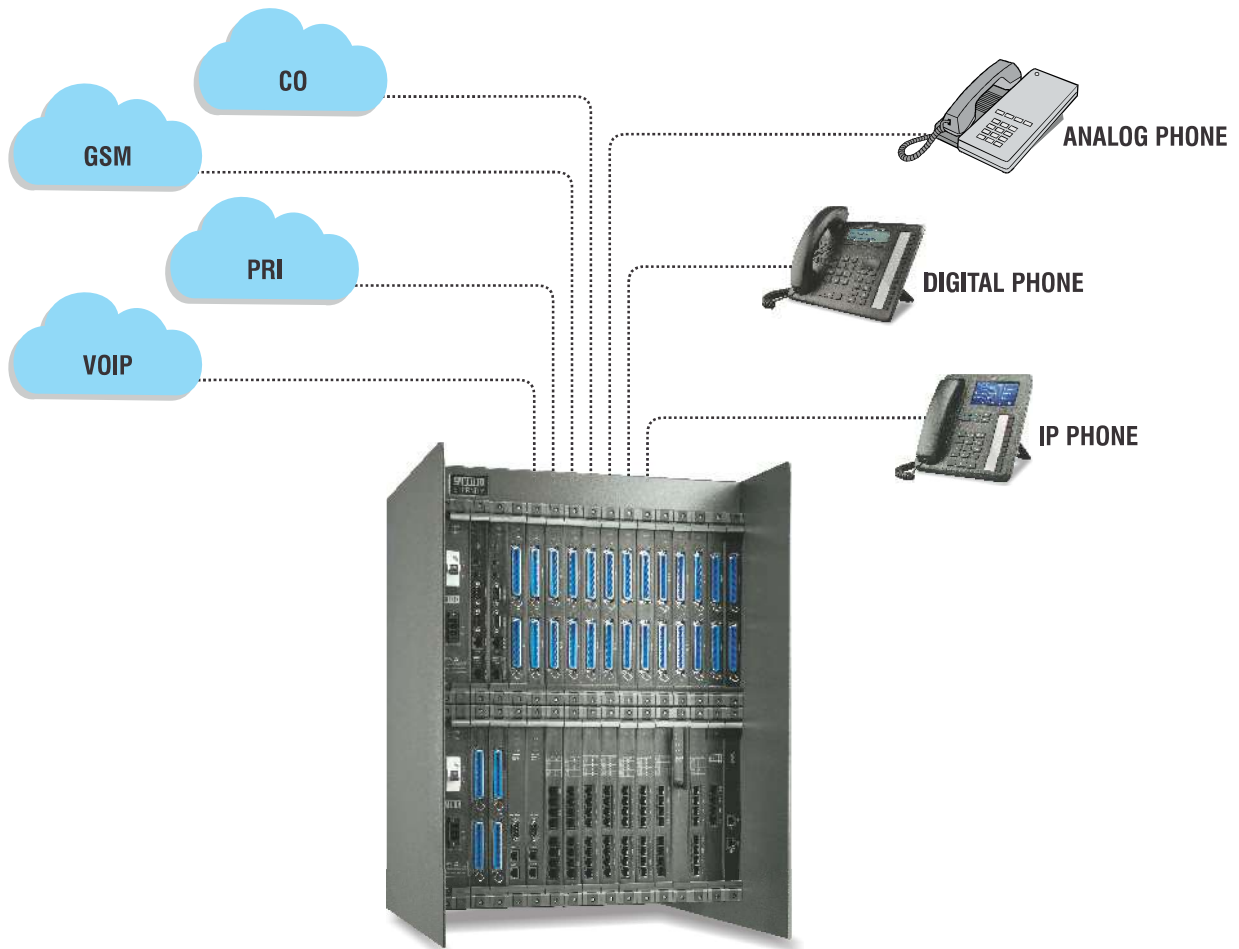
VoIP technology enables the customer to make and receive phone calls through the Internet. It also provides investment protection because of a future-proof technology. It not only offers simultaneous calling but also provides options such as Mobility with Mobile Softphone and PC Client, SIP Trunking for Long Distance Calling, Simultaneous Ringing on Phones and Multi-location Connectivity for future use.

- **REMOTE MANAGEMENT OF ALL SYSTEMS WITH WEB BASED GUI**

With the web based Remote Management feature, all systems can be centrally managed by the IT administrators from anywhere, through any device.



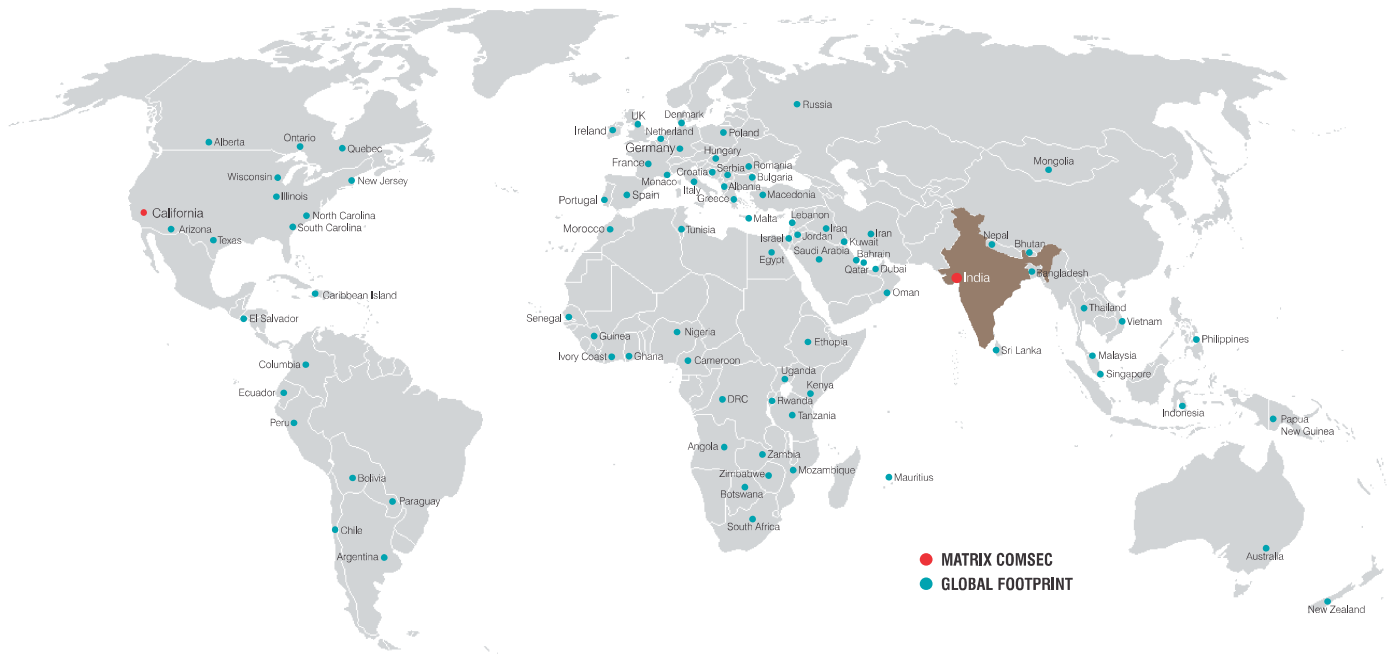
APPLICATION SCENARIO



RESULTS

- Reduced 50% Internal Communication Cost with GSM Connectivity
- Future Investment Protection with Expansion Limit of up to 1500 Users
- Centralized management of system and remote support increased the reach of IT department.

MATRIX GLOBAL FOOTPRINT



ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization; Matrix 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 foot-prints in Asia, Europe, North America and Africa through an extensive network of more than 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.

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Due to continuous technology upgradations, product specifications are subject to change without notice.