



DATA SHEET



KEY BENEFITS

Incremental Income from Data Services

Using the VeriSign GRX service, carriers grow Average Revenue per User (ARPU) by increasing subscriber usage of data services to GPRS roaming partner networks and by serving more roaming data subscribers.

Improved End-User Experience

The VeriSign GRX service expands network coverage for data services to GPRS roaming partner networks and delivers the same look and feel to subscribers while roaming. Through quality and class of service differentiation, the VeriSign GRX service helps to ensure reliable data transmission for even sensitive traffic types. Carrier network stability is supported by redundant connectivity and fail-over configurations to help our customers maintain service performance and quality.

Cost Efficiencies

The VeriSign GRX service offers more value by including high-service quality and performance as well as multiple connectivity options, including VPN, which minimizes data transport costs. Other cost-saving benefits included in the all-inclusive price are the ability to

VeriSign® GPRS Roaming Exchange (GRX)

The VeriSign GPRS Roaming Exchange (GRX) service provides a secure, scalable, connection between networks that helps to enable mobile data service roaming among GSM networks. Through a single connection to the VeriSign GRX, carriers are able to reach their GPRS roaming partners and provide expanded services for their subscribers.

The VeriSign GRX service uses a global network of private, high-capacity facilities to interconnect mobile carriers worldwide. The backbone employs a fully redundant, global, switched network over terrestrial fiber, submarine, and satellite systems. This network utilizes the latest technologies to ensure high quality and to support many types of traffic.

The VeriSign GRX service offers more value by including excellent service quality and performance as well as multiple connectivity options including VPN. The standard service includes the ability to prioritize traffic, deliver online reporting of various types of current and historical data, and high levels of support.

+ Key Features

Connectivity at the Edge of Your Data Center

Since VeriSign connects directly to the carrier's site, network issues are more easily identified and resolved—minimizing ambiguity and delays. An experienced set of certified Internet and GRX experts proactively pinpoint and fix network problems, assist with carrier network changes, or troubleshoot and repair problems that may arise.

Flexible Connectivity Options

The VeriSign GRX service can meet most connectivity preferences and offers multiple choices for network design including network transport type, topology, speeds, load balancing, and redundancy.

Private IP Backbone

Carriers have the option to utilize VPN access on the private IP backbone to reach GPRS roaming partners. This VPN option is available as a primary, back-up, or redundant connection, affording significant cost savings.



Where it all comes together.™



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prioritize traffic, enabling carriers to conserve connectivity resources and make efficient use of existing facilities, and online reporting of current and historical data, which promotes proactive network planning and support.

Unique Innovative Features

VeriSign has incorporated unique feature functionality, at no additional charge, into our GRX service. Class of service differentiation allows carriers to transmit urgent traffic with a preferred class of service and delay low-priority traffic to periods of low frequency, enabling bandwidth conservation by minimizing capacity needs. Multiple connectivity and design choices are available, including private autonomous system (AS) numbers.

Superior Support

VeriSign strives to provide superior support to our GRX customers. Beginning with our management of their GRX needs right from their data center and through ongoing access to our online network traffic reporting tools, VeriSign is dedicated to providing our GRX customers with a superior level of support; easing the burdens of capital investment, employee resources, and time to market. VeriSign's confidence in our ability to provide carriers with a superior GRX experience is demonstrated through our unique service level commitment.

Class of Service Differentiation

Some applications require low-latency traffic delivery, while other traffic types can be delayed slightly to minimize traffic peaks and subsequently minimize bandwidth requirements. The sophisticated design of the VeriSign GRX service helps to ensure priority and prompt delivery, using multi-protocol label switching (or MPLS) traffic prioritization and a dedicated, fault-tolerant, high-capacity global network. Carriers are able to select which applications will be handled in which class.

Network Traffic Reporting Tools

Via web-based reporting, the VeriSign GRX service offers carriers access to critical data roaming information such as network availability, service level metrics, bandwidth usage, and GPRS roaming partner-based volume statistics, all available in near real time. The VeriSign GRX service is user-configurable and reports track delay from the edge of a carrier's data center across the GRX network

Premiere Help Desk Support

The VeriSign GRX service has a 24/7 help desk for customer support helping to ensure excellence in response and repair times.

Visit us at www.VeriSign.com for more information.