



mosaic



“BICS’ unrivalled international portfolio for telecommunication providers. Offering you a dynamic, flexible and innovative set of solutions tailored upon your needs.”

## 3GRX Service

High quality worldwide data roaming

GRX services enable mobile networks to reach all of their GPRS roaming partners and maximize ARPU with minimal infrastructure investments. Each and every one of these networks has to establish bilateral roaming agreements with at least one mobile operator in each country. This provides complete roaming coverage and home service benefits abroad to subscribers.



### 3GRX Service, the ultimate answer to mobile operators’ data

A single connection to BICS’ 3GRX Service provides high quality worldwide data roaming to 600+ mobile networks in 190+ countries around the globe. BICS’ 3GRX Service supplies its customers with managed high quality connectivity to GPRS, 3G, HSxPA and LTE wireless networks over a state-of-the-art carrier grade MPLS backbone with complete isolation from the public internet.

Thanks to its 3 peering locations in Amsterdam, Singapore and Ashburn, BICS is able to guarantee optimal routing to improve the speed and distance between 2 mobile networks.



Online Reporting



24/7 Monitoring



High QoS



Root DNS



Enhanced Access



## Product features

BICS' 3GRX Service includes a complete set of capabilities that are fully compliant with the GSMA IR.34 recommendations:

- **Managed connectivity:** a fully managed connectivity solution between the BICS 3GRX network and the customer's network with the highest possible SLA.
- **Quality:** a highly managed 3GRX network with 24/7/365 surveillance and pro-active monitoring.
- **SLA:** a solid contractual SLA is in place for the connectivity as well as for the 3GRX Service itself enabling mobile operators to reach the highest possible guaranteed quality.
- **Filtering:** BICS' 3GRX Service supports both inbound and outbound filtering for optimal security towards its customers.
- **Security:** the 3GRX Service of BICS is compliant with the GSMA defined IR.77.
- **Root DNS:** BICS offers a geographically redundant Root DNS service fully integrated with the GSMA Root DNS Server.
- **Peering:** interconnection to all other GRX's with redundant access to the Amsterdam, Singapore and Ashburn peering points.
- **BGP community:** BICS' 3GRX Service offers support for increased control on incoming IP traffic in a dual GRX scenario.
- **Online reporting:** GRX Webvision gives an online visibility on the bandwidth usage through daily, weekly and monthly traffic reports. The network visibility tools, destination based reporting and SLA measurements complete this advanced web service.

## Why choose BICS for 3GRX?

BICS is world leader with more than 160 customers connected to its 3GRX network. The 3GRX Service is the foundation network for BICS' other IP based services such as MMS, MMT, Sigtran, IM, Video Share, SIP and more.

- Innovative market leader in 3GRX services since 2001
- Instant access to 600+ networks in 190+ countries
- High SLA and Quality of Service thanks to a proprietary worldwide backbone
- 3G, HSxPA and LTE ready network infrastructure, built over a carrier grade MPLS backbone with higher speed and increased reliability
- Support of different connectivity types (SDH, Ethernet)
- Standards adherence: active contribution to the GSMA IREG GRXWP since 2000
- Valued and advanced web reporting

BICS delivers best in class global solutions for Voice, Messaging, Roaming, Connectivity and Mobile Financial Services to hundreds of telecommunication providers around the world. With our passionate and creative teams located in Brussels, Bern, Monaco, Dubai, Singapore and New York, we continuously strive to provide our customers with the highest levels of quality, reliability and interoperability that enable them to maximise End-user value. Our innovative approach is visible through our place at the forefront of the market consolidation and technology advancement. We are a joint venture of Belgacom, Swisscom and MTN, and have rolled out transformative Next Generation Networks (NGN). This together with our continued focus on Value Added Services for Mobile Operators and our growth strategy has enabled us to reach a world-leading position both on the International Voice and Mobile Data markets.

For more information, please visit [www.bics.com](http://www.bics.com)

