

SECURITY SOLUTIONS

ADVANCED SECURITY
FOR YOUR COMMUNICATIONS





OUR PRODUCTS

The evolution of wireless communications has spread enormously in corporations, enterprises and public institutions. Even military forces, police, emergency and rescue, political and other sensitive sectors have adopted new technologies widely. The benefit is clear; increased mobility, availability of value-added services and higher efficiency in the daily operation of those organizations.

Whilst professionals in different sectors need to exchange information anytime and anywhere, it must be ensured that all sensitive data is kept secure and private. This affects not only people's identities, credentials, permissions or rights, but as well all data that traverses any network or is stored inside end user devices such as smartphones or computers. Even controlled communication systems are often exposed to external and internal threats because they don't adapt well to modern technologies or simply because they were not designed with security at their core.

The Qtalk security suite is a communication solution combining multiple services such as telephony, instant messaging and SMS services with sophisticated security mechanisms to protect your organization's sensitive and confidential information. Qtalk products transform public communication networks and standard terminals into highly secure communication channels. Special hardened devices and customization options are as well available to meet the strongest security requirements of the public sector.

YOUR BENEFITS

Qtalk Security Solutions protect your organization with a reliable, global, secure network for voice, messaging, file transfer and SMS services. It integrates seamlessly within your existing IT infrastructure and does not require any additional or special equipment. The solution protects the data in transit end-to-end with a double-layer security architecture, making it practically impossible even for internal employees or IT administrators to spy on any aspect of the communication. With Qtalk, authentication, confidentiality and integrity is supported across different communication domains, allowing end users to talk and to exchange messages and documents in a protected way.

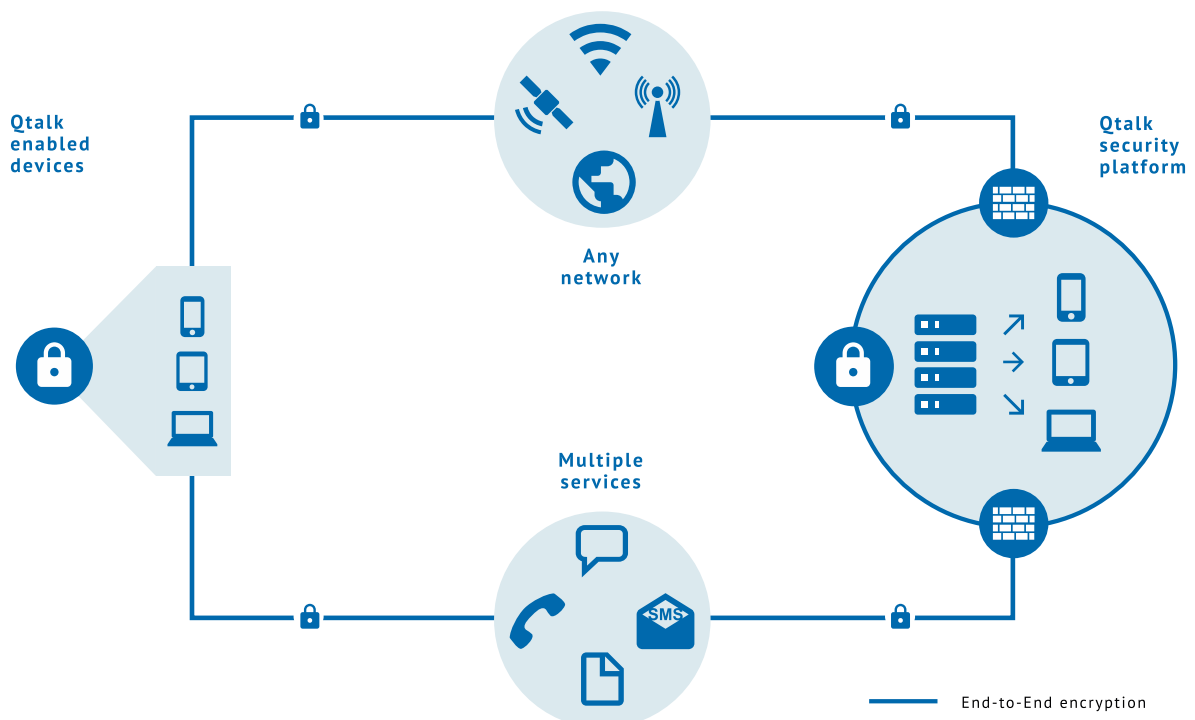
Qtalk delivers optimized quality in mobile networks and it is deployable in cloud and physical environments under the customer's full control or as a service (SaaS) through selected partners. The product is fully integrated into the operating system of the end user devices and it is suitable for any data network, wireless or wired. An intuitive and friendly user interface hides the complexity of the security aspects of the product from the end user. Using the data channel also helps organizations to simultaneously optimize their communication costs.

Independent Qtalk systems can be federated with each other, extending all communication services beyond the organization boundaries. Voice trunking with public telephone networks and PBX is as well supported. All operational aspects are centrally managed and can be integrated within existing NOCs and service delivery platforms. Its advanced, scalable and flexible design concept facilitates a quick deployment with low user involvement and reduced maintenance costs compared to traditional security solutions. BYOD strategies are as well fully supported and empowered under this concept.

Why Qnective

Headquartered in Switzerland, we design and develop our products in a politically neutral country that does not impose restrictions in cryptographic technology and is especially sensitive to privacy rights. Customer confidence and trust are essential for any security vendor. We gain both by applying the necessary level of transparency and quality in everything we do.

Solution concept



Voice

Secure calls and conferences with strong end-to-end encryption and dynamic re-keying. Voice trunking capabilities to integrate with other internal and external communication systems.

Messaging

Instant messaging services with group functionality for secure communication and collaboration. Complemented by secure SMS when no data connection is available.

Files

Send pictures, videos, voice messages and documents from the application without leaking data in the end-user device. Keep them securely in a container and control their access.



Security

All data exchanged and stored is protected by sophisticated and professional encryption technologies and security mechanisms designed and implemented in Switzerland.

Centralized Management

A multi-tenant central management center provides access to all administration tasks via a web application or through an API for integration with existing service delivery processes.

Advanced Architecture

Deployable on premises or as a service (SaaS) platform, Qtalk offers great flexibility and adapts seamlessly to different customer needs and environments with minimum impact.

Features

- Voice calls
- Conference calls
- External calls (trunking)
- Instant messaging
- Group messaging
- Secure SMS
- File transfer
- Message auto-destruction
- Call recording (optional)
- Centralized management

Security

- End-to-end encryption
- Secure container for DAR
- Centralized security policies
- Strong crypto algorithms
- Dynamic re-keying
- Remote wiping
- Device authorization control
- Restricted certificate validation
- Double encryption layer
- HSM integration (PKCS#11)

Why Qnective

- Specialists in cryptography
- Full control by the customer
- Flexible and scalable platform
- Suitable for cloud environments
- Deployable as SaaS
- White labeling and OEM variants
- Professional customer support
- Customization options
- Verifiable code (no back doors)
- Swiss made

For further information, questions or sales inquiries please contact us:

Qnective AG

Thurgauerstrasse 54;
CH-8050 Zurich (Suisse)

Phone: +41 44 307 50 20

Fax: +41 44 307 50 30

info@qnective.com

www.qnective.com

Qnective

