

GOLD LOCK SECURE SWITCH

CREATED AND POWERED BY GOLD LOCK™

COMPLETELY INDEPENDENT,
SELF-HOSTED & MANAGED,
ENCRYPTED VOICE & TEXT NETWORK



Gold Lock Secure Switch™ was built for military & corporate organizations with the highest of security needs. It can be installed and operated independently on customer-defined equipment and is administered via a web-interface with strict admin authorization policies, enabling complete control on all aspects of the system including installation, deployment, provisioning, monitoring, and upgrading.



GOLD LOCK SECURE SWITCH™ CONSISTS OF:

Main Logic Switch Cluster

Central Database Module

Multiple Relay Servers
(Geographically Distributed
for Optimal Speed)

Web Management Interface

Mobile Clients

PC Clients

Secure PBX
(for land-line & SIP phones)

All modules are fully redundant, without a single point of failure by design (SPOF) enabling organizations to create a completely private encrypted network of organizations, users, and devices.

- Completely private network for voice, text chat, SMS, and file encryption
- Symmetric AES 256 Bits, Asymmetric Elliptic Curve 384 Bits
- Supports mobile phones, PCs, fixed phones, SIP phones and PBX stations
- Multiple independent organizations with separate administrators
- Supports completely offline mode, upgrades & licensing done by the customer
- Simple, intuitive, secure control of the whole system via web browser
- PTT - Push to talk for one contact, or broadcast to multiple contacts
- P2P - Direct Peer to peer voice communication where network conditions allow
- Complete control over device licensing, provisioning, managing, disabling
- Completely closed system, no outside link needed
- Cloud or physical hosting both supported
- Redundant & Fail-Safe deployment, no SPOF (99.999% up-time)
- Secure TLS / SSL link between all switch components (RFC 2246 / RFC 5246)
- Unlimited scalability deployment
- Multi Geo-location deployment
- Detailed usage logs
- Export CDRs as a CSV files
- Unlimited grouping options
- 24X7 monitor & log system performance for all servers - CPU, Memory etc.
- Auto send SMS & Calls to pre-defined numbers when a server is malfunctioning

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