

SECURE BOX

Take control of your
mission-critical communications

Enterprise-ready self-hosted secure
communication solution



About Secure Box

Secure Box is a self-hosted solution for end-to-end encrypted communications, designed for organizations that want to take complete control of their sensitive data.

The solution is fully integrated with our product ecosystem and allows you to deploy and manage a fleet of secure devices running on Secure OS, and using Secure Chat and Secure Vault for data transfer and protection.

Additionally, Secure Box gives you the freedom to choose whether you want to join our global decentralized network for secure communications or run your own closed network for maximum security.

Full control at all times

Secure Box gives you the ability to truly own your data. Take control of the mission-critical communication across your organisation. Keep your data on servers you own at all times. Nothing leaks, not even metadata.

Zero-knowledge architecture

Secure Box is designed around the concept of zero-knowledge, meaning that no sensitive information, confidential data, or private encryption keys are ever stored on the server. There is zero room for human error or internal data leakage.

Decentralized and secure

Decentralized networks are inherently harder to attack, as they don't contain substantial data silos, a preferred target for attackers. The lack of a single point of failure means that even if a single server is compromised, the network remains intact and operational.

Always on communication

Secure Box is the solution your organization can rely on for staying connected at all times. Our rigorous quality assurance procedures guarantee the high availability of services. Moreover, we ensure smooth updates and provide up to five years for long-term support.

Infinitely scalable

Each Secure Box rackmount server has a capacity for up to 3000 users. However, the technology allows for limitless and rapid scalability. New servers can be easily deployed and added on demand.

Turnkey deployment

Secure Box is a pre-configured turnkey solution that allows you to quickly and easily deploy single or multiple servers. Best of all, if your internal team is busy or lacks the technical expertise to perform the installation, you can always rely on our integration partners to do it for you.

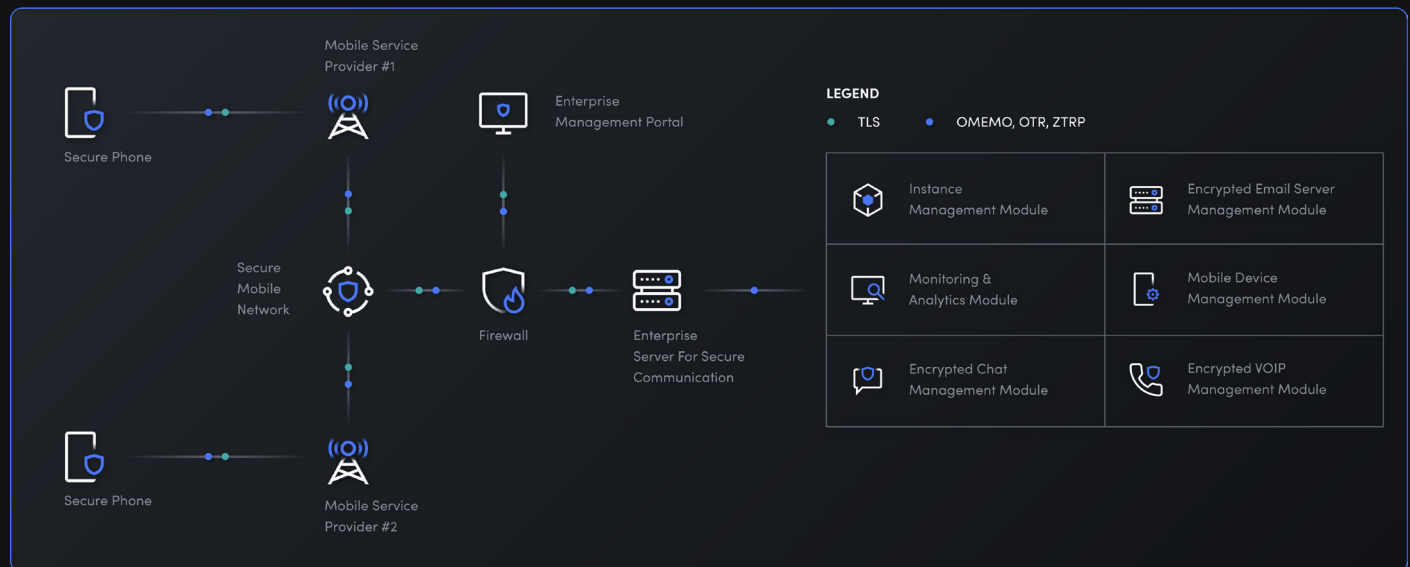
Secure Box Specifications

- Dual Socket P (LGA 3647) support 2nd Gen Intel® Xeon® Scalable processors
- 24 DIMMs; up to 6TB 3DS ECC DDR4-2933MHz RDIMM/LRDIMM
- 2 PCI-E 3.0 x16 slots (FH, 10.5" L), 2 PCI-E 3.0 x8 slots (1 LP, 1 internal LP)
- Gigabit Ethernet ports
- 10 Hot-swap 2.5" Drive Bays; 10 SATA3 (2 hybrid ports - 2 NVMe opt.); Optional M.2 NVMe and SATA3 ports
- 8 heavy duty fans with optimal fan speed control
- 750W Redundant Power Supplies
- Capacity: 500-3000 users depending on specifications



Modular Architecture

The advanced architecture of Secure Box structures applications as a collection of microservices. This modular design allows for easy maintenance and expansion of functionalities if needed.



Secure Box Management Module

- Lightweight management UI
- Deploy, manage, and maintain all applications on your instance
- Manage containers, images, networks, and volumes
- At-a-glance view of what's running in your environment



Monitoring and Analytics Module

- Dashboards for critical performance metrics
- Set up alert rules for your most important metrics
- Search through system logs to identify issues
- Send alerts to other systems such as Slack, PagerDuty, VictorOps



Mobile Device Management (MDM)

- Web-based MDM platform - Secure Administration System (SAS)
- Intuitive UI
- Organize fleets of devices in groups to apply mass actions
- Push custom apps and control application settings
- Enforce custom device policies and settings
- Remotely wipe devices



Encrypted Chat Management

- Dedicated server for Extensive Messaging and Presence Protocol (XMPP)
- OTR & OMEMO encryption protocols
- Real-time monitoring of server statistics and user activity without access to sensitive data
- Setup customization through additional plugins



Encrypted VoIP Calls Management

- Dedicated SIP Server, SIP load balancer
- SIP Firewall ensuring calls security
- ZRTP encryption protocol
- Monitor server performance



Encrypted Email Server Management

- PGP email server
- PGP encryption protocol
- Whitelist and blacklist communication with other email servers

It's time to take back control of your data.

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