

HighSide for Mission Teams

Ultra-secure encrypted chat, communications and file sharing for mission teams in forward operating locations

Special operations and mission oriented support teams are at the frontlines, dealing with rapidly changing situations on the ground. Ensuring secure and reliable digital text based communications with team members, allies and command structure is critical to executing most operations. Many mission teams resort to low-grade technology like SMS or consumer messaging apps because it's quick and easy to use - not to mention available on low-end mobile devices and in low-bandwidth environments. However, reliance on SMS or consumer grade messaging applications not only opens up cyber risk, but puts the safety of personnel on the line by exposing operational intelligence.

Ultra-Secure Chat & Encrypted Communications

HighSide gives mission teams the ability to instantly launch a **hyper-secure chat "team" that operates like popular consumer messaging apps** but delivers centralized control & security. Within the closed-loop environment, users can easily message any member of the team, share pictures or files to individuals or groups or conduct real-time voice & video calls.

HighSide secures everything through a revolutionary distributed E2E encryption protocol where each app install generates **cryptographically unique encryption keys** and manages all encryption & decryption activity. Unlike other popular consumer encrypted messaging platforms, keys are not exposed via SMS or shared across unsecure communications channels. HighSide's distributed private root of trust model ensures no one can intercept or spoof a user's keys, eliminating "eavesdropping" risks.


Designed on a bit-torrent style data transfer framework, **HighSide supports extremely poor connectivity environments** and ensures all messages, pictures, files, and communications are securely and reliably delivered.

Centralized Control, Decentralized Cryptography

Unlike other popular messaging apps, the mission team can control who is allowed into the environment, and has **complete authority to revoke encryption keys, suspend access, define acceptable geographical boundaries for usage, and more**. Lastly, all event and message data can be archived for compliance and e-discovery requirements - but also, message and **data retention periods are flexible down to minutes** or up to centuries and can be easily set to meet with the mission requirements.

Mission priorities can change in an instant, and the HighSide application allows for user and data surges without any restriction or limitation of service.



Available in
 FedRAMP



HighSide delivers decentralized encrypted communications, in an easy to use, secure, and centrally managed environment.



Signal



HighSide

High Availability in Low Bandwidth

No matter the mission, HighSide's cloud delivers high availability E2E encrypted communications in low-bandwidth environments. Whether working on a compromised wi-fi network or an unreliable 3G network, HighSide offers a seamless user experience allowing teams to share and communicate securely.

Android & iOS Apps for Easy Use

With native mobile apps that feel like the consumer-grade experiences users are familiar with, HighSide ensures that everyone can engage no matter their experience.

On-App «Evasive» Cryptography

HighSide's FIPS validated on-app encryption packages data and sends ciphertext over unencrypted channels, evading detection in operating locations where traditional PKI based encrypted traffic is blocked.

Complete Visibility & Control

Not only is HighSide easy to use, but mission teams have full control over the environment down to granular access controls, geographic lock-outs and time based restrictions. Complete event & message history is available through the built-in compliance manager

	Signal	HighSide
End-to-end encryption	✓	✓
Cryptographically random encryption keys	✓	✓
Encrypted cloud file storage & sharing	✗	✓
No reliance on public TLS / SSL / PSTN	✗	✓
ITAR / EAR & CMMC compliant	✗	✓
Large group voice & video conferencing	✗	✓
RF-based geolocation access controls	✗	✓
Persistent role based access controls	✗	✓
FedRAMP cloud hosting	✗	✓
DoD Impact Level 5 support	✗	✓
Built-in eDiscovery & event logging	✗	✓
Team based device & user verification	✗	✓
Custom data residency & retention	✗	✓
Password-less authentication	✓	✓
Remote wipe for lost or stolen devices	✗	✓
Admin controls & management	✗	✓

HIGHSIDE

HighSide is the global leader in secure collaboration & distributed data access controls. Powered by a distributed cryptographic key management infrastructure, HighSide's suite of products enable businesses to engage securely in a remote first world. Through our zero-trust technology, teams have access to a modern unified communications and file sharing platform including voice, video, text and files, reducing risk of shadow IT and reliance on dated and insecure communications channels.

HighSide delivers applications that users actually want to use and that security leaders want to deploy. Founded in 2015, the company has offices in Columbia, MD, Esch-sur-Alzette, Luxembourg and New York, NY.


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