

XSOC's WAN SOCKET



Introducing XSOC Cryptosystem

A tailor-made, adaptive encryption engine that guarantees Quantum-Safe information security. Utilizing FIPS 140-2 approved mechanisms, XSOC CORP safeguards all data - whether at rest or in motion, across all sizes and formats. It seamlessly integrates into both new and legacy cybersecurity solutions or processes.

Why XSOC CORP Stands Out

XSOC CORP significantly outperforms conventional symmetric encryption in both strength and velocity. It utilizes a distinctive "wave form" key interpretation, offering unparalleled benefits:

- ✓ **High-Definition Media Streaming:** Other ciphers lag or drain CPU resources when applied at full strength; XSOC CORP excels without compromise.
- ✓ **IoT Data Transmission:** XSOC CORP avoids the typical bloating associated with cryptographic overhead, preserving the integrity of lightweight data.
- ✓ **Enduring Data Archival:** While others cap at 256-bit encryption, XSOC CORP scales dynamically to an impressive 51,200-bit, ensuring long-term data security.



WAN-SOCKET: Revolutionizing Global Encryption Key Exchange

Harness the power of WAN-SOCKET, the cutting-edge solution for global encryption key exchange. Designed for wide area networks (WAN) and the vast expanse of the internet, WAN-SOCKET elevates data security by utilizing the robustness of Distributed Hash Tables (DHT). This innovative platform guarantees secure, scalable, and efficient key distribution, essential in our interconnected digital ecosystem.

Advantages

- ✓ **Simplified Security:** Offers an easy-to-integrate, cost-effective upgrade to superior security levels.
- ✓ **Dynamic API Framework:** Enables on-the-fly, authenticated recipient selection for real-time communication.
- ✓ **Advanced DHT Utilization:** Leverages DHTs for enhanced data encryption, raising the bar for data protection.
- ✓ **Universal Application:** Perfectly suited for mobile devices, IoT, and online platforms, safeguarding communications from texts to video calls.
- ✓ **Unmatched Encryption Strength:** Provides robust security layers for VPNs, social media, and cloud-based services.

Essential for Modern Communications

WAN-SOCKET is purpose-built for the age of global connectivity, delivering key advantages where they matter most:

- ✓ **Peer-to-Peer Encryption:** Ideal for secure, direct device-to-device communication.
- ✓ **End-to-End Security:** Offers uncompromised encryption for complete privacy.
- ✓ **Public Cloud Protection:** Enhances security in cloud environments, vital for VPNs.
- ✓ **DDoS and MiTM Defense:** Protects against attacks by removing single points of failure.

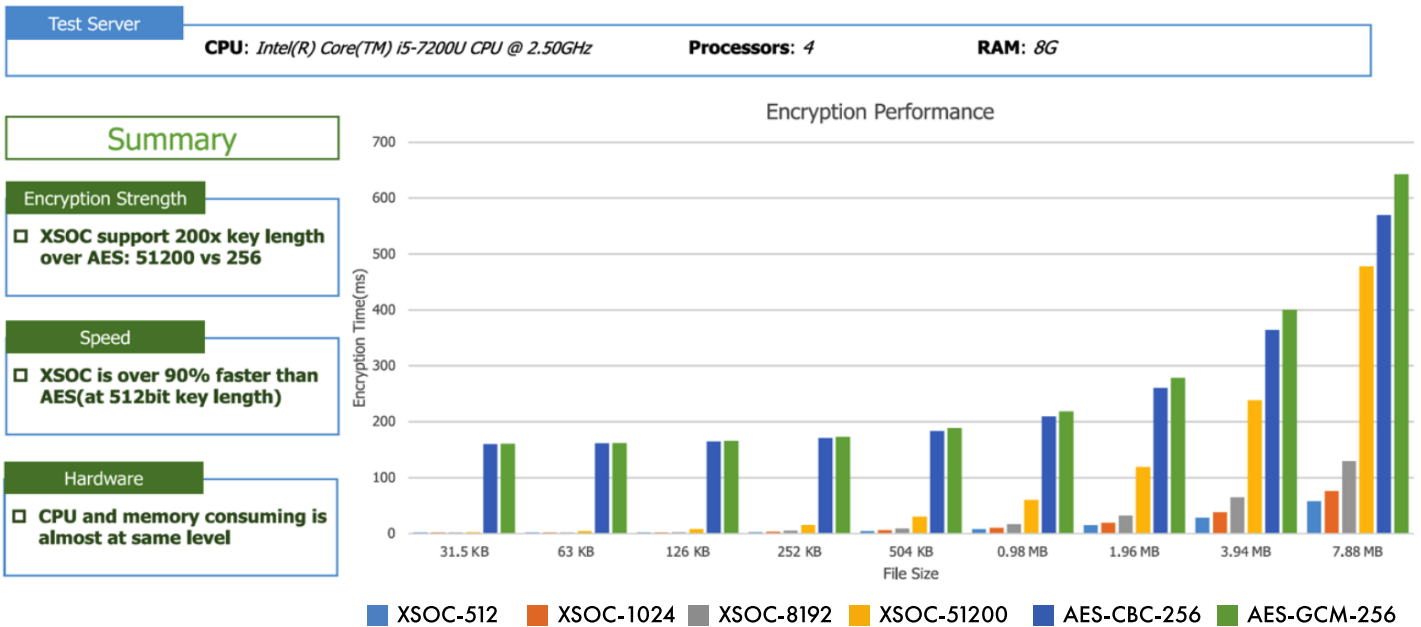
Why WAN-SOCKET Stands Out

- ✓ **DHT Technology:** Ensures optimal uptime and reliability for key exchanges.
- ✓ **Superior to Traditional Solutions:** Outpaces both legacy systems and newer hardware in efficiency and security.
- ✓ **Beyond Signal's Tech:** Provides more comprehensive end-to-end encryption than competing technologies.

The WAN-SOCKET Promise

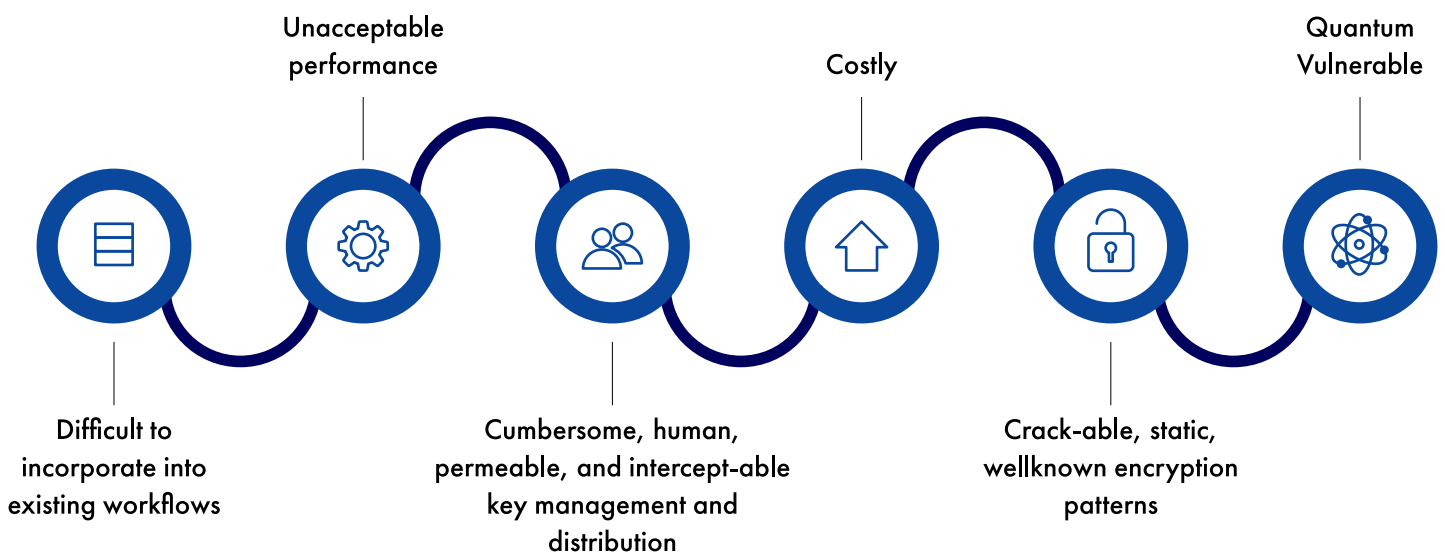
Integrating WAN-SOCKET into your operations transforms cybersecurity efficiency and reliability. Benefit from unparalleled speed, minimal resource utilization, reduced network latency, and fortified defense against cyber threats. WAN-SOCKET is not just a solution; it's a strategic advantage in securing your digital communications globally.

Encryption Performance Comparison: XSOC vs AES

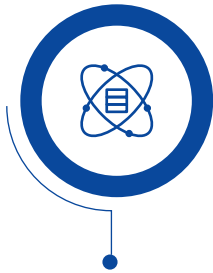


Critical Breach Denial - Why data is at risk

Existing Data Protection (PKI) based encryption, storage, transmission, and key distribution (e.g. AES 256, RSA 4096, SSL)



What if....



You **never** need to **worry** about your data being stolen, even if it is **stolen**



You **never** need to **worry** about your network being breached, even if it is **breached**



You **never** need to **worry** about your own people, even if your own people worry you

We created XSOC CORP to give you ability to sleep well at night even if you have been compromised.

Our Solution

Legacy friendly post-quantum data protection



Blistering fast performance with low resource requirements

Independence from cumbersome, costly, and human error vulnerable public key/certificate-based approaches

Frictionless Adoption

✓ Easy to Integrate	Command line and API to incorporate into existing legacy data workflows
✓ Easy to OEM	A few lines of code to integrate Small distribution and runtime footprint Attractive fixed cost and usage-based rev share
✓ Easy to Develop	Straightforward SDK
✓ Easy to Deploy	Small binary routine Blistering fast and ridiculously strong encryption
✓ Easy to Operate	Fully automated encryption and key distribution/rotation
✓ Easy to Automate	Scriptable, API, and auto key distribution/rotation

Given the impending quantum threat, XSOC CORP's emphasis on symmetric encryption for both data-at-rest and data-in-motion, complemented by high-speed performance and low latency, provides an imperative for CISOs to consider XSOC CORP solutions as a more versatile and future-safe choice in the quantum-safe cryptography landscape.



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PRODUCT OVERVIEW VIDEO

