

Untraceable Networks. Leading Grade Security.

Entropy delivers leading-grade security by simplifying complexity. We build private ecosystems inspired by the vulnerabilities of your most benign digital signatures. Our technology and solutions result from practitioner expertise in national-level cyber activities. We pair our untraceable superhighways with quantum-resistant cryptography to deliver novel, secure private transport, networks, platforms, and cloud solutions, safeguarding you against advanced threats.

At Entropy, our top priority is to meet and protect you where you are. We use non-proprietary interfaces rapidly deploying post-quantum solutions to protect legacy and advanced architectures alike. As Warren Buffett wisely stated, "It takes 20 years to build a reputation and five minutes to ruin it. If you think about that, you will do things differently." Are you prepared to rebuild trust? Entropy's quantum-ready transformations shift your paradigm for digital sovereignty.

Untraceable Networks

Entropy's solutions allow you to vanish into the vastness of the Internet while maintaining resilient, quantum-secure connections. Using **universal interfaces**, we create hyper performance superhighways that connects your tailored ecosystems for **sovereign** quantum-ready transformations.

Designed for rapid deployment, Entropy's low-to-no config solutions integrate effortlessly with legacy infrastructure. Each **untraceable** connection is dynamically authenticated and routed through **your private transport**, removing third-party processors.

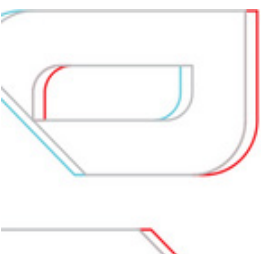
These solutions transcend digital barriers, seamlessly operating across legacy infrastructure and modern multi-cloud environments, cellular networks, space-enabled capabilities, Industry 4.0, and beyond—without vulnerable proxies, TOR, VPNs, or firewalls.

Leading Grade Security

Your digital breadcrumbs provide an insightful trail to your vulnerabilities. Entropy erases digital identity markers, obfuscates endpoints, and secures data at its core with post-quantum cryptography, ensuring unparalleled anonymity.

Our solutions eliminate attributable Domain Name System (DNS) resolution to your infrastructure, generate randomized one-way sessions, and spoof directional paths, making it impossible for attackers to track the source or destination. By encapsulating and stripping ports and protocols at internet-facing control points, Entropy neutralizes 99.999% of attack vectors while making resilient Zero Trust fortifications around your systems and data.

*"Be extremely subtle even to the point of formlessness."
Sun Tzu, The Art of War*



Entropy future proofs you with a fundamentally different approach reinforced by standards compliance using NIST's FIPS 203 post-quantum cryptography. Entropy's solutions seamlessly 1) **erase** the attack surface; 2) **authenticate** and **encrypt** using quantum-resistant cryptography; and 3) **untraceably** route data through your private superhighways. **Visit [Entropy.com](https://www.entropy.com) and schedule a demo.**

Key Solutions and Technologies

Entropy delivers advanced solutions for secure communications, hardened mobile environments, and robust protection for endpoints, servers, data, and critical systems. Our technologies safeguard cyber privacy, prevent digital fingerprinting, segment secure transport, and encrypt with quantum-resistant cryptography—for unparalleled security. Our solutions include:

1. Armored Communication Platforms

A secure, self-owned communication platform for voice, chat, video, file sharing, and email—eliminate third parties for complete confidence control and security.

2. Mobile Security Solutions

Our mobile solutions feature a **non-attribution Mobile 5G travel router**, a post-quantum cellular private Access Point Name (APN) network, and the **Cipher Phone** — armored for identity and data protection. The **Cipher Key**, an encrypted bootable quantum safe thumb drive, for hardware independent security.

3. Endpoint Protection

The **Iron Edge Gateway (IEG)** router secures edge servers, IoT devices, distributed private networks, and edge-to-cloud connections. We also offer an anonymous and sensor-enabled Virtual Private Server (VPS) for secure virtualized environments.

4. Server & Database Security

The **Virtual Dissimulated Encrypted Server (VDES)** safeguards against unauthorized access by securing entry points and eliminating vulnerabilities such as certificate reuse, scans, and address mapping. VDES protects your on-premises, bare metal, virtualized, and web servers. Independent evaluation available.

5. Sovereign Secure Storage Solutions

The **Digital Dead Drop (D3) Data Server** provides undetectable, distributed backup, synchronization, and data management. **DATA VAULT** ensures secure storage for data in motion or at rest using post-quantum cryptography.

6. Digital & Critical Infrastructure Protection

Entropy employs innovative cyber deception and camouflaging techniques to secure critical infrastructure. The **ENTROPYA Encrypted Network (EEN)** and **Inner Trusted Labyrinth** create private post-quantum enclaves for deep segmented trust.

7. Quantum Safe Cryptography

Entropy integrates NIST's Module-Lattice-Based Key-Encapsulation Mechanism (ML-KEM), as outlined in the **FIPS 203** standard to deploy post-quantum cryptography (PQC).



Entropy's holistic cyber protection strategy meets customers where they are to safeguard high-security infrastructure against even the most advanced cyber threats while meeting industry specific standards compliance needs. Experience the Entropy difference, schedule a demonstration today.