



VIA Zero Trust Fabric

# Built for the Front Line of Digital Warfare

*Secure. Quantum-Resistant. Ready to Deploy.*

Modern conflict is connected. Drones, autonomous systems, and AI-driven platforms are rewriting the rules of engagement. But, communication infrastructure hasn't kept up. Outdated, siloed, and vulnerable systems put missions, and lives, at risk.

**VIA Zero Trust Fabric (ZTF)** is a secure communications solution tested and endorsed by the U.S. Department of Defense for the battlefield. It enables fast, encrypted, **quantum-resistant communication** across complex systems, from warfighters on the ground to autonomous systems in the sky.

No overhauls. No fragile integrations. Just secure, resilient, point-to-point connectivity across legacy infrastructure, cloud environments, and coalition networks.





VIA ZTF is compliant with the latest NIST quantum-resistant standards, and DoD zero trust and NSA security recommendations.

## MILITARY GRADE



U.S. Department of Defense



## Protect each link in the intelligence chain

Backed by 19 issued patents, VIA ZTF provides the essential security that government and regulated industries require. In addition, VIA ZTF is engineered for seamless integration into complex enterprise systems, while saving time for both users and administrators.

- Quantum-resistant encryption that future proofs mission communications
- Passwordless, decentralized architecture that eliminates single points of failure
- Instant interoperability with legacy systems, drones, vehicles, and C2 networks
- Combat-ready deployment at any scale

## Proven scale and reliability in contested environments

VIA is already operational with the U.S. Air Force and has completed zero trust security testing with the U.S. Navy. It connects permanent and expeditionary units with civilian suppliers, other branches, and soon allied partners. No lag. No gaps. No compromise.

VIA ZTF provides nine layers of user authentication and access control, and data integrity and protection:



### Passwordless

No passwords to share, forget, or steal



### Decentralized

Each user holds their own keys and credentials on their smartphone - no central database of personal information reduces the risk of large-scale data breaches



### Existing hardware

Uses the specialized security hardware already built into every smartphone



### Biometrics

Individual app login through built-in smartphone facial recognition / fingerprint scan



### Permissions

Users are requested to swipe their approvals after biometric login



### Quantum resistant

Uses the latest NIST, quantum-resistant digital signatures and encryption



### Tamper recognition

Data is checked for manipulation after each transfer



### Immutable logs

Rogue administrators can't hide or change transactions or transaction logs



### Anti-phishing

Only legitimate users are authorized through an enterprise registry

## Experience the simplicity of VIA ZTF yourself

Demo the free document sharing application at:

[qt.solvewithvia.com](https://qt.solvewithvia.com)



The U.S. Department of Defense and Fortune 100 companies around the globe trust VIA to help them solve their toughest data and identity protection challenges. Using its Web3, quantum-resistant, passwordless technologies (17 issued patents), VIA protects data against theft, manipulation, and misuse.

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