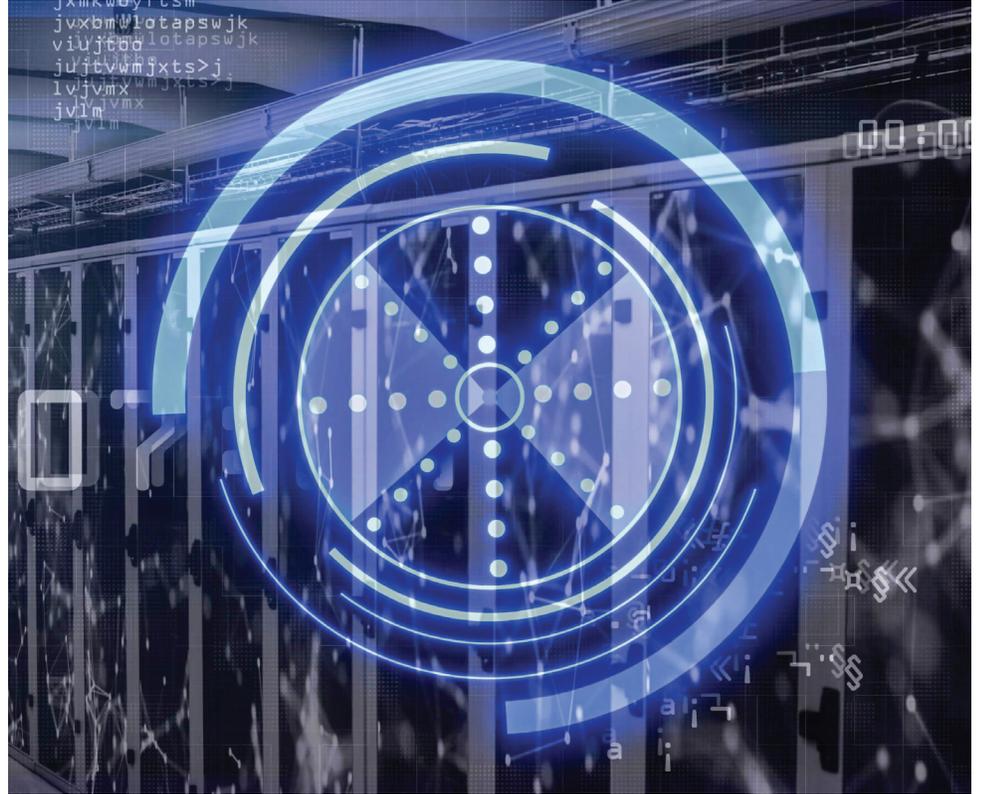


## VAULT™ Virtual Access Using Layered Tunneling



### Benefits

- Panels remain in constant, encrypted contact with SecureCom™ servers
- No panel is ever exposed to the public internet, dramatically reducing risks from external threats
- In the event of a detected threat, breach, or policy violation, administrators can immediately terminate the VPN tunnel
- Multi-layered encryption secures all traffic regardless of the application in use

### Features

- Uses a combination of encryption protocols such as AES (Advanced Encryption Standard) and SHA (Secure Hash Algorithm)
- Secured using Internet Key Exchange (IKEv2) with either pre-shared keys or X.509 digital certificates to authenticate both endpoints
- Configured in Tunnel Mode to isolate panel traffic from all external visibility, providing full encapsulation of payload and routing information
- The Domain Name System (DNS) is used to resolve server hostnames to IP addresses for efficient routing
- Integrity checks and sequence numbering detect and block replay attacks or tampered packets in real time

# VAULT Virtual Access Using Layered Tunneling

For enterprise customers requiring the highest level of data security, SecureCom offers VAULT (Virtual Access Using Layered Tunneling). This architecture is a dedicated Point-to-Point Virtual Private Network (VPN) built on IPsec (Internet Protocol Security) — a robust framework for securing IP communications through strong authentication and encryption.

This site-to-site VAULT establishes a fully encrypted tunnel between your corporate Local Area Network (LAN) and the SecureCom server infrastructure.

**VAULT Hardware** is a pre-configured router device for streamlined deployment. Institutions may elect to use their own equipment and take advantage of **VAULT Configuration**, a service DMP provides, including setup of IPsec parameters, key exchange and routing policies.

