Technical Details

What Does the Hardware I get do?
1. Establish an encrypted connection to an Enclave.
2. Enable connections to ICS devices as permitted by an internal whitelist.
3. Provide an optional cellular connection for the connection.

What is an Enclave?
An Enclave is a group of Virtual Machines (VMs) leased from Public or Private Clouds and networked together over private interfaces [10.8.X.X]. Enclaves are Moving Target Defense networks.

What does an Enclave do?
An Enclave provides a non-attributable pathway for end-to-end encrypted connectivity to either the Hardware or cloud resources into the Enclave.

More on Encryption
All connections to an Enclave are protected within 2x layers of AES-256 with independent 4096-bit RSA for initial key exchange.

Virtual Desktop Overview
Virtual Desktops serve as portals through which a user can reach an asset from an untrusted computer without passing malware from their device to the asset.

How does the Virtual Desktop work?
The virtual desktop creates itself when a vendor logs in, and destroys itself when a vendor is finished with it's work. The virtual desktop image can be set up with the programming software needed for your vendors to support your facility.

Session Recording
You can see exactly what your users are doing, and have done, on your virtual desktops.

Key Benefits

- ✓ Simple, Secure Login
- ✓ Session Recording
- ✓ Fast, Stable Installation
- ✓ Strong E2E Encryption
- ✓ Moving Target Defense
- ✓ Multi-Factor Authentication
- ✓ Network-Level Access Control
- ✓ Reduce/Remove O&M Costs
- ✓ Cloud Agnostic Capabilities
- ✓ Simple Admin/Scheduling

Case Study - Key Metrics

- ✓ 87% Faster Operator Login
- ✓ $980,000 Efficiency Savings
- ✓ 10-15x Direct ROI
- ✓ Active Directory Integration
- ✓ Fully Redundant System
- ✓ Session Recording: 3rd Parties

Engineer in a Box

GRANTEK

info@grantek.com
866.936.9509