

TITAN SECURE[†] securing your security system and keeping you safe in a digital world



Securing your Security Systems

In the real world, real business uses real time communication with large multipoint real time networks. This in turn brings real threats. Cyber-attacks are no longer a Hollywood story line. Businesses rely completely on live communication over internet and IT systems, with all decisions being formed and transmitted electronically. They are all at risk from cyber-attack - it happens daily, crippling business operation. These attacks are becoming increasingly more sophisticated and stealthy, targeting existing networks and devices including security systems.

Recognising this threat and developing TitanSecure[†] to combat it

Titan Secure offers a fully encrypted system that secures all digital communication between Titan Vision devices and components, maintaining the integrity of your security surveillance systems from the control device to the recorded data and all system communication pathways.

The Cure: *Prevent & stop unauthorised access to your corporate networks or sensitive material.*

- Maintaining uninterrupted surveillance of your security system and infrastructure
- Data integrity - prevention of interference with CCTV footage
- Disruption to surveillance - ensuring uninterrupted coverage
- Privacy and compliance with regulations - prevention of data theft and data diversion

IP CCTV security system networks are increasingly common across all areas, public space, law enforcement, defence, banking, private or public sector. Data integrity and system security are the key requirements for a reliable and robust security network. Titan Secure gives you the required protection without compromising your network or hardware performance.

Titan Secure has been developed to meet the very stringent requirements set out by UK Government National Security Committee, CPNI as well as US government, NIST security standard, FIPS 140-2.

TITAN SECURE *an all-inclusive approach to security on hardware & software*

Our security measures include but are not limited to:-

Disk Encryption via trusted platform module. Alpha Numerical & symbol passwords. SSL certification

At Visual Management Systems Limited, our team of highly skilled field engineers and in-house software developers are your partners for all your IP CCTV security needs. We have the specialist skills you need to secure your security networks. Our high-availability, mission-critical fully-encrypted communication security network, significantly reduces your risk to cyber threats. With purpose built, locked down computer hardware and network intelligence our managed, multi-layered security solution for protective monitoring gives protection 24 hours a day, 365 days a year.

The Problem!

Cyber-attacks are not a Hollywood invention
 Threats are no longer just physical breaches - attacks are internal & external
 Professional hackers are being highly paid to breach your security
 Traditional security managers - limited understanding and knowledge of cyber threats
 Belief that threats are from the traditional criminal
 Departmental tunnel vision, companies not looking at security as a multi-layer problem
 Hunger to access systems via mobile devices or web applications open's your system for attack
 Connecting unsecured IP CCTV cameras onto your network allows hackers total access & control.

The Solution...

Titan Secure secures your system beyond your physical barriers Multi-layer protection of your digital assets
 Encrypted communication between all Titan Vision devices
 Secure and timed communication with all connected devices
 Transparent Data Encryption
 SSL Certification throughout
 Protection from end nodes to recorded images
 Encrypted hard drives for secure image protection
 FIPS 140 (NIST)
 A coherent security approach

High Availability Mission Critical Fully Encrypted Communication Security Network

Key Features

- ✓ CYPHER 256BIT AES
- ✓ 2048 BIT RSA KEYS
- ✓ TRUSTED PLATFORM MODULE
- ✓ DISK ENCRYPTION
- ✓ SECURE SOCKET LEVEL
- ✓ CRYPTO KEYS EXTERNAL TO DB
- ✓ ROUTE CERTIFICATION
- ✓ UNIQUE RSA FINGERPRINT
- ✓ ALPHA NUMERIC SYMBOL
- ✓ PASSWORD PROTECTION
- ✓ AUTO PASSWORD EXPIRY
- ✓ FULL HARDWARE LOCKDOWN

