



# Many Locations, Single Login

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**Solid Secure Straightforward**

## Many Locations, Single Login

Tether has been installed and tested at global location, some of those using 3G/4G. It is scalable and the time it takes to manage 1 or 1,000 NVRs/locations is not significantly different. Some of the key problems solved:

### Solves networking challenges:

- Tether provides an MPLS through an IP VPN. No need for expensive routers, VPNs or firewalls/port forwarding
- Works in an extremely low bandwidth, low quota and fluctuating bandwidth environments

### Solves administration challenges:

- Nothing unique is stored on site, no credentials/configuration to backup.
- Configure/Reconfigure/Update 100, 1,000 or 10,000 sites at a touch of a button - even if some of those sites are offline (configuration is picked up when NVRs connect)
- Automatic security updates (no manual firmware updates)
- Know when each location goes offline, why it went offline and what happened before it went offline

### Solves installation/maintenance challenges:

- Just plug into the network, done. No monitors, keyboards/mice, router configuration, NVR configuration, camera configuration. No network engineer required on site
- Units can be swapped out if required - all configuration will be pushed to the new unit automatically
- Intel hardware is unparalleled in reliability, power efficiency and comes with a three year manufacturer's warranty

### Solves use and access to information challenges:

- Centralised access and admin. No keeping spreadsheets of access details to each site
- Combines Video, Audio, Alarms, Sensors and Router technology into one
- No client software to install/configure/update
- Just pick up any device, go to a website and see everything (no Java/ActiveX plugins)
- Integrates with control rooms for virtual guard services and to monitor the premises 24x7 - e.g. iComply V-TAS
- Pro control room software
- Intelligent and flexible cloud storage allows seeing what happened before a system went offline.
- Intelligent 'best image' analytics search saves vast amounts of time/bandwidth when searching for footage
- Video checksums are stored in the Cloud for legality of footage in court (proof of no tamper).
- Around the clock reduced frame rate recording for evidence of no evidence
- Full audit log of all access and notifications for any suspicious access

## Cost Savings at Every Turn

The key advantages are not necessarily the upfront cost reduction, but rather the administrative and running cost reductions and major problems we solve to make the system far superior to existing solutions:

### Solves installation/maintenance challenges:

- **Provides MPLS connectivity with an IP VPN** - MPLS connectivity is set up automatically and included in the price competitive monthly fee. Removes existing MPLS/VPN monthly fees and provides secure remote access.
- **Does not require a VPN router** - removed the setup/admin time, cost and complexity of adding an additional router and/or setting up the firewall and port forwarding.
- **80% reduction in bandwidth use/costs** - using built-in analytics and 'best-snapshot' technology, reduces required bandwidth by a factor of 2-5 compared to traditional DVRs/NVRs (e.g. Hikvision).
- **Storage efficiency** - intelligent use of storage, including use of analytics and 'best' images and increasing frame-rate only when required, we can record 2-10x more footage per GB compared to traditional DVRs/NVRs.
- **Reduced installation costs** - All TimeBox NVRs are configured in a central location, no engineer is required on site and there are no credentials/configuration to backup as nothing unique is stored on site. This leads to 2-3x reduction in installation time and cost.
- **Reduces admin costs** - Hundreds or thousands of NVRs can be pre-configured or reconfigured simultaneously, even before they are plugged in. Since TimeBoxes are managed and monitored centrally, this allows detection and remote diagnoses of any issues such as high temperatures, imminent hard drive failure, if a camera feed disappears, if internet connection is lost, etc.
- **Reduced usage costs** - Analytics and 'best' snapshot technology allows efficient and quick access to relevant footage. Needless to say, it also saves 80% over security guards.