



MTI Watchtour Options

FULL INTEGRATION

MTI's watch tour feature is not an add-on to the Detention Control System. Rather, it is directly integrated into the system. Watch tour can be implemented to directly indicate on the detention control station and can be managed directly through the system.

FLEXIBLE OPTIONS

The system allows for many different options for watch tour input, from mobile devices to card readers to simple push button inputs.

ACCOUNTABLE

Because MTI's watchtour feature integrates directly into the MTI Detention Control System, the watchtour activity is logged through the existing Activity Logging feature of the control system. These events show along side all other security events that occur on the system. Watch tour actions are monitored on the same control stations that monitor all other security events as well.



The MTI Watchtour feature is a built-in component of the MTI ProVision Control System.

Watchtour (also known as "Guard Tour") within the MTI system consists of an input from an officer which indicates that a particular area or group of people have been checked by that officer. There are numerous ways that this functionality can be accomplished within the MTI system. The first and most basic way is through the use of "push button" inputs. The second is through the use of a card-reader input. The third is through the use of a mobile device which the officer utilizes to scan a barcode or an RFID mounted at the watch tour location. There are advantages and disadvantages to each. With the push-button input, there is no information that can be provided beyond the input, and it is difficult to control the security of the button. The card reader is more secure, but also provides little information. However, both of these approaches are simple to install and cost-effective.

Major Features

- Multiple options for tour management.
- Randomized tour timing
- Wireless Device Capable
- Event logging available
- Supervisor/Control Room monitoring

The use of a mobile device for watchtour is the most advanced option because it allows the officer to provide custom, real-time information about each watch tour point. The mobile option is more expensive and does require a facility-wide wireless network, but the flexibility and broad feature-set make it a desirable option.

In addition to watchtour functionality, the use of the mobile device option also provides the facility with the ability to use the device to control security devices such as doors and inputs within a specific area. This is ideal for direct-supervision. Also, the mobile device can be used for a feature called "Count Verification". Using a barcoded wristband for each inmate, floor officers can use the device to scan wristbands and provide a real-time count of the inmates in an area.

Including MTI Watchtour In Your Design

MTI Watchtour is part of the MTI ProVision Control System. This system tightly integrates with (or can even be designed as part of) the MTI Detention Control System. Designing around this product means designing to include or allow for the use of the MTI hardware and software. To allow for this requires very little in specification or drawings beyond what is typically done to design an access control system. Here are a few items to consider:

- Include the MTI Embedded Controller (part number 91795) as an approved PLC.
- Include MTI ProVision as an approved Human-Machine-Interface Software Application.
- Allow for the use of manufactured termination boards for locking control.
- Include HP™ and Panasonic as approved computer/server manufacturers.

System Requirements

- At least 100BaseT network connection to all devices.
- At least a 1Gb network connection between switches.
- Uninterruptible Power Supplies for all workstations and control components.
- Cabling certified to BICSI and TIA standards.
- An 802.11g/n wireless network.
- Workstation requirements:
 - 2.5 Ghz or higher, quad-core processor.
 - 16 GB of SDRAM
 - Solid State Hard Drive
 - Microsoft™ Windows© 10 or later.
- Mobile Device requirements:
 - MTI has tested and approved the Panasonic Toughbook/Toughpad series devices for use with this feature.

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