CENTRAL STATION ENVIRONMENT

Designed for Central Station Monitoring and Control, WinDSX offers secure, scalable, flexible options.

SYSTEM SIZE

Engineered to allow maximum flexibility, controllers serve as building blocks to increase system size as needed. Central Station can expand with the implementation of a Local Area Network and additional Workstations.

Minimum Size: 1 PC   1 Location with 1 Door
Maximum Size: Multiple PC's 32,000 Locations with 128 Reader controlled doors per location

LOCATIONS

Each Location is a distinct entity with its own set of data and is maintained as a separate access control system. Locations can be grouped together to share cardholder data. When grouped, the cardholder data is entered once but available to all Locations within the group with the associated access level assigned.

Communication options:
Direct Serial Port
TCP/IP
IP OnDemand

Central Station Monitoring offers flexibility in communications. The IP OnDemand communications style can vary by location- Security Critical Locations may have constant connection while less sensitive locations can use IP OnDemand. This method allows communication with Locations using IP in a dial up or on demand approach. Locations using cellular, internet or other metered service can communicate without constant connection.

WORKSTATION

Straightforward and easy to use, Workstation allows full visibility and control over every door, reader, input, output, and cardholder. From the Central Station, operators, tracked by passwords, can unlock a door, raise a gate, or track personnel in and out of the facility.

Real Time Events scroll in concert with control of the system. Inputs and Output Icons can be added to graphic maps to aid in the visual status and control of these points.

DATABASE CHANGES

The Comm Server automatically connects to remote locations to download database changes. Database changes may be downloaded immediately or delayed by minutes or hours according to system parameters. During downloads or uploads, the Comm Server can still receive alarms from the Location. The operator can acknowledge and handle alarms as well as control Location Inputs and Outputs without interruption.

Automated Functions

- Automatic polling for log retrieval- every 10 minutes to once a week.

- Location automatic connection when event storage buffer reaches 80% capacity.

- Automatic connection for alarm condition.

- Automatic connection when panel has been reset to request download.

- Automatic back up of System Database and History delivered to specific drive.