PC MASTER COMMUNICATION SOFTWARE

DSX Communications typically runs from the Comm Server PC over the customer network to a DSX-LAN module that is connected to the first or Master controller at each Location. Communications then takes the form of a dedicated RS-485 regenerative communications network that runs between system controllers.

PC Master changes the way communications are distributed throughout the system. PC Master takes the place of a Master controller and will communicate to any Sub or cluster of Sub controllers over the network, negating the need for the dedicated RS-485 communications wiring, except for the cabling between controllers in a cluster of Sub controllers.

PC Master is deployed using the standard DSX software (SQL can also be used) and the PC Master application that is available on all Software distribution media. PC Master can be used on the same PC as the Comm Server or on a separate PC. Multiple copies can be run on the same PC depending on the overall size of system. Each copy of PC Master can support 63 DSX controllers or 126 Doors.

- Scalable Architecture - What you need, where you need it.

- TCP/IP Communications to each Controller or Controller cluster with DSX-LAN Module.

- Supports AES-256 Communications Encryption to all Controllers without special hardware.

- Supports 260+ Card and Keypad Formats including CAC, FIPS 201 and TWIC.

- Real Time Processing and Communications between Clusters.

- Compatible with existing DSX Controllers.

- Communications to each controller cluster operate simultaneously. These simultaneous communications channels can provide a substantial increase in the rate of data collection and distribution.

- Each PC Master can support 63 DSX controllers or 126 Doors.

- Supports DSX-SIO / L85 Integrated Locksets

PC Master Deployment Examples

Single Location using PC Master

Sub
1022

DSX-LAN

Sub
Sub
Sub
Sub
1048

Sub
Sub
Sub
Sub
1048

DSX-LAN

Ethernet

Comm Server/
PC Master

Workstation
(Not Required)

Multiple Locations using PC Master

Location 1

Sub
1022

DSX-LAN

Comm Server

Location 2

Sub
Sub
Sub
Sub
1048

Sub
Sub
Sub
Sub
1048

DSX-LAN

Ethernet

\ PC Master, Loc. 1
\ PC Master, Loc. 2
\ PC Master, Loc. 3
\ PC Master, Loc. 4

Location 3

Sub
1022

Sub
1022

DSX-LAN

Location 4

Sub
Sub
Sub
Sub
1048

Sub
Sub
Sub
Sub
1048

DSX-LAN

Workstation
(Not Required)