Overview

Access Control is an essential component of School Security. DSX is a robust access control and system monitoring application that harnesses the power of the Windows™ desktop and server operating systems. For more than 30 years, DSX has offered School Districts a plethora of strategies to assist with the goal of Student, Teacher, and Administrator safety. Centralized Access Management and Site Monitoring offers control by Door, by Building, by Campus or by District depending on the access level of the Card Holder.

Bell Schedules

Bell Schedules work in concert with the school bell schedule. This system allows school campuses to unlock the specific doors for the time needed for students to transfer classes while maintaining Emergency Lockdown Capabilities. Bad weather days, pep rallies, and special programs can change the regular Bell Schedule by the creation of Custom Bell Schedules.

Photo ID Badging & Visitor Management

Built into the software, DSX offers Schools the ability to design custom backgrounds with school colors and mascots that print to access control cards. Direct Card Printers offer the addition of background design and photographic images for Students, Teachers, Administrators and Visitors to the access privileges encoded into the access control cards.

Parents, Vendors, Guest Speakers and more can be issued temporary access cards through the badging system that may have a separate design from school personnel. Photo ID or non Photo ID Cards may display the cardholder is a Visitor, a Vendor, or Requires an Escort. Visitor Cards can be limited by:

Time (15 minute increments)	Day	Time of Day
Number of Uses	Doors available	Discontinue on Exit

Reports are available for Visitor Name, Date, Times, Card Use and person visiting.

Video Integration

WinDSX integrates with multiple Video Products allowing stored and live video from the DVR/NVR to be accessed within the DSX software. All video is transmitted across a Local Area Network connection.

- Real time video can be automatically displayed in response to alarm events.
- Operators can request real time and stored video from the alarm acknowledgement screen or from any input/output or camera icon.

Mobile Command Smart Phone App

The DSX Mobile Command application is a great fit for school districts providing visibility and control of the system in the hands of those that need it. A convenient but secure application using Wi-Fi or Cellular Service is available for both iOS™ and Android™ Smart Phones. DSX Mobile Command offers solutions for the day to day running of the school as well as the ability to initiate Emergency Procedures. Predefined Command Buttons allow control of the system based on Operator permissions.

With the touch of a button:

- A Receptionist may have access to one Command Button to momentarily unlock the entrance for a Visitor.

- A Facilities Manager or School Security may have pages of Command Buttons that range from unlocking the gym and turning on the lights to locking up the equipment building next to the stadium.
- An Administrator may have control of global functions such as Building, Campus, or District Lockdown and Incident Response Reconfiguration of the system.

Each Mobile Operator is defined in WinDSX and assigned the appropriate commands and privileges that provide the convenient interaction, supervision, and monitoring of all points of protection and doors under their responsibility. Once the Mobile Operator logs into the system, they are brought to the Commands Screen. The mobile operator can be restricted to this screen only or given access to more features including:

- Event screen where system activity can be monitored. Access Granted, Access Denied and Alarms can be seen in near real time.
- Door View which provides real time annunciation and control to a reader-controlled door. Everything about the door is available in one convenient view.

TIME ZONE & HOLIDAY CLONING

School Holidays and Weather Closures can be addressed for more than one location with the use of DSX Cloning. Adding & Editing of Time Zones at the Base Location can be applied to multiple locations at one time in the same Location Group. The updates are automatically applied to the Locations selected, increasing organization and efficiency.

SYSTEM SECURITY ENCRYPTION

Password protection allows for operator specific capabilities to be executed at any workstation depending on the profile assigned to the operator.

- AES-256 Encryption is used to secure and safeguard all passwords.
- AD Authentication can be used for Operator Logins and to enforce password complexity and the frequency the passwords must be changed.

BUILDING AUTOMATION

Software integration activity allows for many building functions to be controlled by the DSX System. Systems can be managed by date, time, day of week, user, or event driven relay outputs. Systems that are electrical in nature, or are controlled by a switch or timer, can be directed through the WinDSX Software. Systems include Lighting, HVAC, Elevator Control, Outdoor Lighting, Fountains, and more.

OTHER DSX FEATURES (PARTIAL LIST)

IP OnDemand Communications	Graphic Alarm Maps (importable for 21 file types)
Point Monitoring	Elevator Control - braXos
Time and Attendance	32,000 Schools or Admin Locations
Access Level History Report	128 Doors / Readers per Location
Email/Text Alarm Notification	50,000 Faculty / Students per Location
HazMat/Emergency Lockdown - Mobile Activated	32,000 Time Zones, Access Levels, Inputs, Outputs,
Redundant Hot Swap Comm Servers	Companies, System Operators & Profiles
FIPS/TWIC/CAC card compatibility	99 User Defined Fields
Integrated Lockset Management	
External Card Holder Management API	

REQUIREMENTS

PC / Server	DSX Software	Mobile Devices
.Net 4.5.1 or higher	Access Version 5.1 and higher	Android™ Version 6 or higher
	SQL Version 6.1 and higher	Apple iOS™ Version 10.3 or higher