

Technical Specifications

Software

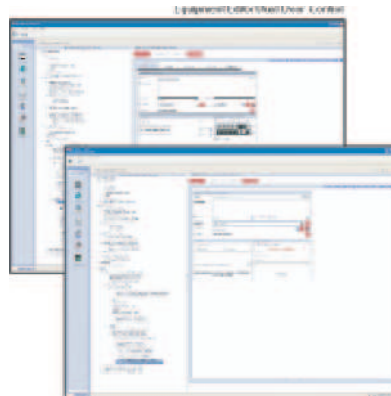
PointGuard X was designed to give users the power and scalability of an IT centric enterprise-class access control solution, without the high costs, configuration time and extensive training commitments. PointGuard X software and hardware is easy to install and use, but does not limit the client to the "skinny" features of traditional small business access control packages.

The PointGuard X integrated access control solution is built on a sophisticated enterprise open-architecture software platform with an accessible MSDE or SQL back end, that has been successfully protecting high-security government and blue-chip enterprise clients for over two decades.

Because PointGuard X is built on Monitor Dynamic's award-winning SAFEnet Platform, its capabilities and future growth potential are virtually limitless. PointGuard X's unique value to the security industry comes from a fact that it was designed around specific requirements from dealers, installers and end users. The PointGuard X system delivers the greatest ease of installation and useability on the market.

An effective entry-level access control system should:

- Be able to expand easily and cost effectively as the need for additional control locations grow
- Be easy to install, providing a rapid return on its investment
- Offer an Xtreme range of usability, from the Receptionist, to the HR Department to the Security and Loss Prevention Manager
- Be capable of adding features and capabilities as the need for additional security measures grow
- Be able to deliver interactive color graphics with dynamic icons for map-based system control
- Offer Microsoft® type interactive device trees for real-time updating and control of field devices
- Include simple yet effective photo ID and badging capabilities
- Provide integration capabilities that match the most demanding enterprise platforms
- Be backward compatible with legacy hardware
- Be IP network centric and converge seamlessly with existing infrastructure
- PointGuard Xtreme does all this and more



PointGuard X allows you to monitor and restrict access to your business so that you can effectively limit risk, providing better protection for your critical assets, sensitive areas, and personnel.



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Integrating features that are required in the most demanding access control applications, PointGuard X encompasses the usability required for the entry-level user, while providing system enhancement capabilities that deliver true value for emerging organizations, both now and in the future.

System Parameters

- 128 Controller connections to servers (LAN or Serial)
- 32 Field panels (maximum) per connection
- 64 Readers (maximum) per connection
- 512 Readers system wide (maximum)
- 64 Elevator floors (maximum)
- 128 Cabs (maximum)

Field Hardware

	Per Panel			MAX		
	Readers	Inputs	Outputs	Readers	Inputs	Outputs
Dual Door Interface Controller	2	8	8	512	2048	2048
Door Interface Controller	1	2	2	256	512	512
Alarm Interface Controller	0	16	2	0	4096	512
Relay Output Controller	0	2	16	0	512	4096

Windows Operating System

- Workstations: Up to 32
- Server Connections to Field Devices: LAN (TCP/ IP), RS-232, RS-485 or Dial Up
- Event On-Line Storage: Unlimited (disk space storage dependent)
- Event Archive Storage: Unlimited (disk space storage dependent)
- Database: MSDE, SQL Server
- Controller Connections per Server: 128
- Field Panels per Controller: 32
- Field Panels per Server: 256
- Readers per Controller: 64
- Max Readers: 512
- Event Buffer Size: Up to 20,000 per controller
- Alarm Inputs: 4096
- Relay Outputs: 4096
- Time Zones: 64

- Multiple Card Formats: Yes
- Access Groups: Unlimited
- Security Areas: 1024
- Access Groups/Card: 1
- Anti-Passback: Yes
- Mantrap/ Turnstile: Yes
- Biometrics: Supports biometric readers and scanners
- Photo ID Badging: Yes
- Video Integration: Yes - Optional
- Multiple Monitor Operation: Yes
- Sentinel Required: No
- Reports: Yes
- Color Graphics Maps: Unlimited
- Operator Password Groups: 8
- Facility Codes: Unlimited
- Operator Passwords: Unlimited
- Intervals per Time Zones: 12
- Holidays: 255
- Access Levels per Cardholder: 32
- Pin Digits: 6

Card Holders: Unlimited in the Server Database, up to 25,000 in the access control panel
 NOTE: If the cardholder does not reside in the panel, PointGuard X will interrogate the database and download the cardholder's information to the field panel

With PointGuard X, small to mid-sized organizations can now take advantage of the same enterprise-grade integrated access control power offered by the world's largest integrators to the world's largest organizations, at a price point that fits the small business budget