HARTMANN

ACCESS CONTROL SYSTEMS

PROTECTOR.Net

The most customizable Access Control System on the market

Open API

PROTECTOR.Net provides a well-documented and easy to use HTTP RESTful API, allowing for integration with third party systems. Our API is provided free of charge to dealers and end users.

Unlimited Customization

Our decades of access control experience have taught us that it is impossible to build a system that encompasses every possible use case. This prompted the development of ACE - our powerful scripting engine, which puts our customers in control and enables them to use our system in new and creative ways.

With our Action Control Engine (ACE), we focus on giving you the tools to achieve your business needs. Our high performance, drag and drop scripting engine allows you to tailor your PROTECTOR.Net system to your business. With over 100 actions and dozens of potential triggers, you can achieve a level of customization simply not found in other access control solutions. ACE even allows for HTTP requests back to our own API, giving you complete control over your system.

We continue to be amazed by the creative uses our dealers and installers find for ACE.

Powerful Administration

PROTECTOR.Net is built from the ground up to simplify installation and day to day operation of your access control system. Our partitioning lets you split your system into areas of responsibility and give your administrators individual permissions to these partitions. Every action performed by each administrator is logged and able to be audited, should the situation require.

With our unique notification engine, each administrator can fully customize how they receive notifications to meet their needs. For managers, configure an email to be sent if users are granted access during off hours or send a web push notification if a door is left open. For security, only show real time access events from specific doors and play a custom sound.

System Overview

Mobile Support

PROTECTOR.Net supports mobile apps for both Android and iOS. Unlock a door in three taps, view door transaction history, change door time zones, and execute action plans.
It also features a responsive web interface allowing you to fully manage the system from any web browser - be it a tablet, phone or PC.

End To End Security

Your system security is always our number one focus, every level of communication has been designed using encryption. Between our server software and our panels, we implement AES 256 bit encryption. From our server software to your web enabled device, we are using HTTPS security. We are always testing our system for vulnerabilities and updating our software as needed.

Multiple Hosting Options

PROTECTOR.Net can be deployed on premise with a dedicated server or virtual machine, giving you full control over your data. Alternatively, PROTECTOR.Net can be hosted on the Hartmann site via Microsoft Azure Platform for a small monthly maintenance fee. If you have IT staff, you may even choose to host your own system via one of the many hosting services available.

3rd Party Integration

At Hartmann, we integrate with like-minded companies to provide full end to end solutions. PROTECTOR.Net implements seamless video management via integration with many of the top VMS companies. Also, utilizing our open API, any product can be easily integrated with our system.

Scalable

PROTECTOR.Net has been designed to be intuitive yet powerful enough to run hundreds of buildings across multiple time zones with one or unlimited administrators.
The system supports unlimited doors, time zones, access levels, and more.
Each controller supports up to 100,000 cardholders and stores the last 50,000 events - should you have communication failure, the doors operate as expected.

Why Choose Hartmann?
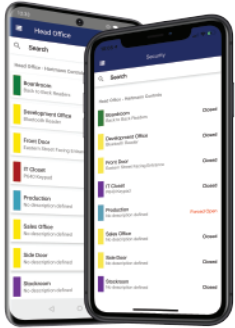
We Stand Behind our System

Hartmann was founded in 1998 in Barrie, Ontario just 45 minutes north of Toronto. The company's primary business is the design and manufacturing of access control systems. Unlike many of the other companies who are owned by much larger organizations who can decide on a whim to close down a division or reduce its focus in the security market, Hartmann will always put all its efforts towards its security lines... It's all we do!

Innovation

Hartmann has years of experience behind us, with PROTECTOR.Net being our 3rd generation of Access System designed for the IT world. It has been built from the ground up to be one of the best systems on the market, taking no shortcuts. At Hartmann, everyone has development input, from support to sales to engineering, and everyone is encouraged to participate in design meetings with their experiences with customer feedback. It's why customers love our products - they ultimately designed it for us.

Quality

Hartmann backs all their hardware with a 5 year pro-rated warranty. Building our panels locally allows for much more control and a stronger quality control process. Problems can be solved very quickly because engineers can work closely with production teams.
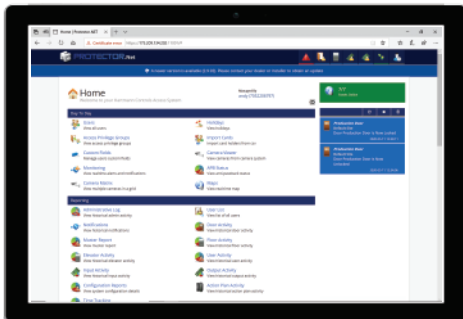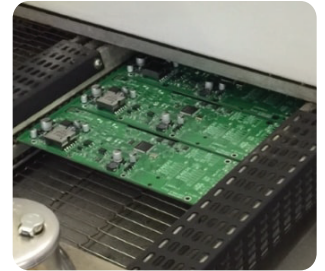
Cost Reduction

Today, many companies have moved to software development only and sell 3rd party controllers. The problem with this is they now need to charge exorbitant licensing fees to make their money. Hartmann is a hardware **and** software company, so we do not need to over charge for our software, as there is not another party in the mix looking for their profits.

Excellent Delivery Times

Many times, this is an overlooked benefit, but all Hartmann controllers are built here in North America, while so many companies outsource their manufacturing overseas. Hartmann has always stayed local and thus never had delivery issues or more than 2-day lead times on any of our products. After all, when you are talking about securing your people and assets, who wants to wait weeks or months because shipments have been held up overseas?

Company Overview

Designed for Serviceability

All Hartmann controllers are designed to be easily serviceable using our on-board display. All headers are quick disconnect for fast replacement in the case of catastrophic failure. All circuits are electronically controlled to protect against shorts so no fuses are required.

Utilize Existing Infrastructure

With our IP solutions, utilize existing network infrastructure to build your Access Control System. For site upgrades, Hartmann will work with you to re-use existing Wiegand readers and credentials with our system.

256
AES

Complete Selection of Hardware

Select from our Patented PoE controllers with one network drop at the door to simplify wiring and service time. To our traditional IP panel mount controllers for retrofitting or for those who prefer to home run everything to an electrical room. Wireless locksets are also available via our channel partner ASSA ABLOY. Mix and match the hardware to best suit your installation needs.

ODM/TDM (PoE) Module

- One Door/Two Door Module design to be mounted at the door via one CAT5 cable
- Reduces installation and trouble-shooting time as well as material cost
- Patented embedded request to exit

PRS Controller

- 2/4/6/8 Door Controller configurations
- Utilizing IP master controller with two door expansion modules
- Designed to make retro-fit seamless and cost effective

Elevator/Input-Output Controller

- Manage up to 64 floors per cab, with or without button sensing
- Manage up to 64 inputs/outputs per controller with configurable schedules and actions

Hardware Overview

Altronix / Hartmann Trove Enclosure

In order to simplify installation, Hartmann has partnered with Altronix to provide an all-in-one enclosure. Several versions are available, such as a Trove One 8 Door system and a Trove Two 16 Door System.

Altronix power supplies and sub assemblies are completely configurable to meet your needs.

Wireless Locksets

Hartmann has partnered with ASSA ABLOY in order to provide a full range of wireless locksets. From door locks to server cabinets, you can seamlessly provide credential control via ASSA ABLOY Aperio line of locks.

Camera Integration

Hartmann has partnered with several top camera companies with direct IP integration to the NVR. Refer to our website to see full list of VMS's supported

Warranty

All Hartmann Controllers are designed and built by Hartmann in Canada. This gives us complete control and allows for quick turnaround times, as well as very few production issues. We stand behind our product with a 5 year prorated warranty.

Integration Partners

Our integration partners are key to offering an end-to-end solution for your access and security needs. We are continually growing our list of complimentary third party solutions to enhance your access control experience.

Hartmann Dealers

Hartmann partners with commercial integration companies who take pride and ownership in their deployment. We believe in a tight relationship where both partners succeed via top quality installations, excellent products and superior support both from integrator and manufacturer.

UL Listed

A product you can trust.

We certify our product using the leading testing facility, UL Laboratories. We spare no cost to ensure the highest standards. All our controllers are UL294/ULC S319-05 Listed