Advanced Access Control

Pinnacle® 11 is an advanced access control and event management software platform for Windows®. Compatible with Windows® 11, the core features and seamless integration of best-in-class technology partners provide users with an expandable and highly functional solution. Built upon the Sielox access control innovation legacy of more than 45 years, Pinnacle® 11 is an advanced on-premises system design with multiple layers of scalable control for small office environments, school districts, local governments to global corporations with multiple buildings and unique access requirements. Pinnacle® is available in five configurations – Ultra, Lite, Standard, Plus, and Professional – and includes all major features and functions to manage your access control needs today and expand with your future pre-emptive business intelligence requirements.

Pinnacle® is a feature-rich access control and event management system designed for ease of use. Cardholder database management and access level assignment is made simple through easy to navigate tabs or by an automated scheduler in conjunction with Pinnacle Data Exchange or LDAP to automate additions, deletions, and modifications of any cardholder data record. A display of your access and alarm events are available in real-time via the Pinnacle event monitor, utilizing up to four window views for unequaled control and flexibility. A wide range of event filters manage the display and provide alarm notifications via pop-up, e-mail and *.wav settings.

As part of the Sielox Core Products line, Pinnacle® is designed by Sielox engineers and manufactured in the USA. Both Pinnacle and Sielox controllers have been developed to meet or exceed any user requirement from entry level to enterprise-wide systems. The marriage of advanced management software with an intelligent controller from a single vendor has been a proven technology and application success since 1979. An onboard utilities program allows users to use popular features outside the application providing quick or persistent views of control and search functions including Event Link, Counter/N-Man (Control and Occupancy), Door Icon, System Cleanup, Ping and Report Scheduler.



Pinnacle® 11 features robust monitor screens, flexible filters for Real Intelligence, event management and simple or detailed reports.

- Powerful, bulletproof, flexible and scalable
- Secure on-premises Real Intelligence platform
- Windows® 11 compatible
- Web client from desktop or mobile
- Virtual environment support
- LDAP - Pinnacle Data Exchange
- Flexible event filtering and assignment
- Event link camera and/or cardholder image
- Desktop management utilities
- Wireless and WiFi lock support - no licensing fees
- Lockdown – local / regional / global
- Muster / Person Count Reporting
- Privilege Access Levels
- Database partitioning for multi-site use
- Notifications via pop-up, e-mail and *.wav
- Smart and traditional elevator control

MADE IN USA

Pinnacle
Advanced Access Control

Continuous innovation delivers pre-emptive Real Intelligence solutions

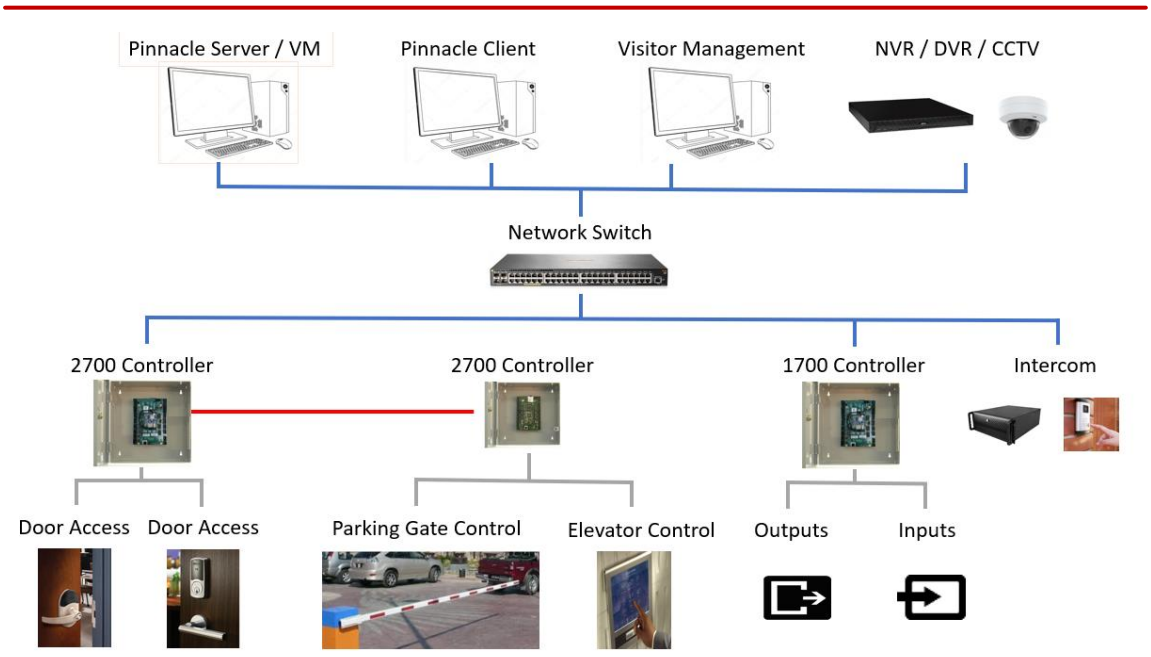
Pinnacle® utilizes Microsoft® SQL Server for ease of data management. LDAP may be added as a licensed service for large organizations seeking easier authentication of personnel database importation into Pinnacle. Security enhancements protect the safety of data and include event alerts and reports sent via email.

Database partitioning is also offered as an option, allowing a single Pinnacle System to be divided into smaller independent databases. Central administration and shared devices are both fully supported across all partitions.

Wireless lock solutions are an effective technology that dramatically reduces installation costs of traditional hard-wired access control doors by incorporating the Lock, Request to Exit, Door Status Switch and Reader in one complete package. Sielox controllers and Pinnacle can support up to 32 wireless locks in addition to the two hard wired doors/readers per controller. Current integrations are with Allegion Schlage and Von Duprin, and ASSA ABLOY Aperio locks enabling cost effective lockdown extension of access control beyond the perimeter doors including cabinets and drawers. Offline Schlage NDE and LE locks using existing WiFi offers significant savings.

VMWare or MS Hyper-V is supported by Pinnacle® with Fault Tolerance (FT) providing failover capabilities via the virtual environment's software vSphere, which hosts the Pinnacle software. vSphere allows Pinnacle® to launch dynamically in a virtual environment thereby providing hot stand-by while requiring the purchase of a single Pinnacle® license.

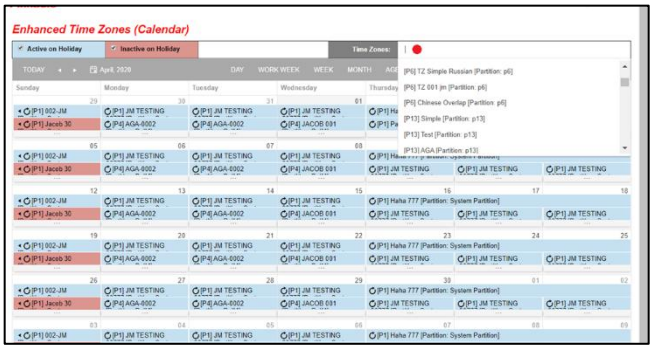
Pinnacle® supports a single sign-on via Windows Authentication in addition to the Legacy Authentication (Pinnacle Login). In Windows Authentication mode, Pinnacle uses a Windows Account mapped to a Pinnacle Account to either start Pinnacle with no login (Windows Authentication), present a Legacy Pinnacle Login screen, block the user, or give the user the ability to choose either a Pinnacle or Windows Login (Mixed Mode).



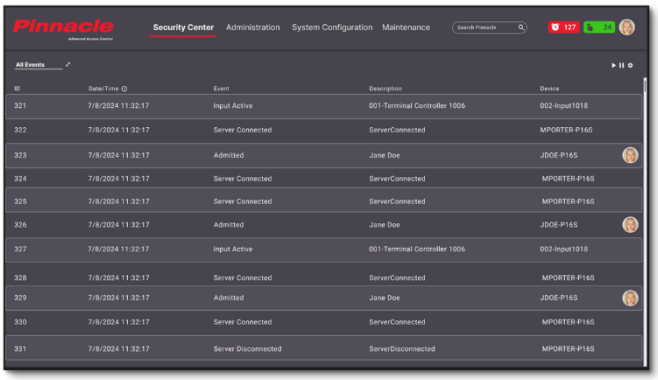




Pinnacle and 2700 Controller manage the leading portfolios of Allegion Schlage and ASSA ABLOY Aperio wireless locks for integrators to provide end users with cost-effective lockdown capabilities of both perimeter and interior door openings and cabinets and drawers in a variety of applications.



Enhanced Time Zones (Schedules) and Holidays features expanded configuration (e.g., scheduled and repeatable intervals daily, weekly, monthly, yearly; different Holidays by controller; creates exceptions with auto-restore)



The Pinnacle software platform delivers pre-emptive intelligence for advanced security and business intelligence. With hundreds of user-selectable filters, Pinnacle offers real-time data on all aspects of access activity and system status. This transforms conventional proactive access control deployments into preemptive solutions for various physical security and business intelligence needs.

Web Client - Pinnacle features an optional web client allowing you to manage and monitor your system from any computer or mobile device.

Photo ID Badging - supports image capture as a standard feature and badge design and printing as an option.

Event Video Link (EVL) - links to any DVR or NVR that supports the industry ATM/POS standard enabling the ability to link access control events to video for pop up, viewing and real-time recording. View live and recorded video for free without expensive VMS installation recurring licensing costs. Mark video events with alarm text-data for legal forensic requirements.

First Person Rule (Snow Day) - any door scheduled to be unlocked via Time Zone, will not do so until an authorized cardholder is admitted prior to the unlock schedule. There is never a need to worry that your building is unlocked when you are not there.

Two-Man Rule – addition of two-man rule moved to controller for decisions – no longer server-based. Available for both hardwired and wireless locks.

Lock Toggle - allows users to lock and unlock doors without a second credential to override pre-set schedules.

Privilege Access Levels – up to 16 privilege levels for Responders during lockdown, reader block and hard anti-pass back.

Pinnacle Utilities - in addition to the core Pinnacle application, Sielox has developed unique applications that are launched independently and provide quick or persistent views of control and search functions. The library of utilities includes Event Counter, N-Man (Control and Occupancy), Door Icon, Door List Control, System Cleanup, Ping and Report Scheduler.

Elevator Control - hardwired control up to 60 floors and Smart Control capabilities with Otis, ThyssenKrupp and Schindler

Visitor Management- Pinnacle is integrated with HID Easy Lobby® to identify exactly who is in your facility and why by scanning each visitor ID automatically and printing a customized badge in seconds.

Muster Report – evacuation verification

Enhanced Time Zones & Holidays – easy to use web-based scheduler with expanded capabilities

Pinnacle
Advanced Access Control

Pinnacle Version 11	Ultra	Lite	Standard	Plus	Pro
Number of Online Readers	8	32	64	128	Unlimited
Number of Cards	500	2,000	4,000	10,000	Unlimited
Client Workstations-Rich and Web	Single User	Single User	1 to Unlimited	1 to Unlimited	1 to Unlimited
Addressable Controllers	4	16	32	64	Unlimited
Wireless Locks[1] (ASSA ABLOY, Schlage)	128	256	512	1024	Unlimited
Wireless Locks[1] (Schlage WiFi NDE, LE)	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Time Zones (Schedules)[2]	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Total Access Levels / Privileges[3]	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Individual Expiring Access Levels per Cardholder[4]	99	99	99	99	99
Number of Cardholder Custom Fields	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Alarm Levels (with advanced alarm notification)	99	99	99	99	99
Holidays	32	32	32	32	32
Enhanced Holidays[5] – automatic rolling 7 days	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Enhanced Time Zones[5] (Schedules) – automatic rolling 7 days	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Microsoft SQL 2019 Express	Included	Included	Included	Included	Included
User Privileges	Included	Included	Included	Included	Included
Rules - 1st Person, Two-Man, Lock Toggle	Included	Included	Included	Included	Included
Event Filtering (w/ email support)	Included	Included	Included	Included	Included
Local, Regional, and Global I/O Links[6]	Included	Included	Included	Included	Included
Hardware COM Server Licensing[7]	N/A	N/A	N/A	N/A	Optional
Access Level Input and Output Control	Included	Included	Included	Included	Included
Multiple Card Formats	Included	Included	Included	Included	Included
System Reminders	Included	Included	Included	Included	Included
Scheduler (for recurring functions)	Included	Included	Included	Included	Included
Reports - Standard, Muster	Included	Included	Included	Included	Included
Database Partitioning	N/A	N/A	Optional	Optional	Optional
Custom Report License (with Crystal Reports)	N/A	N/A	Optional	Optional	Optional
Photo ID Badging	N/A	Optional	Optional	Optional	Optional
Pinnacle Data Exchange	N/A	Optional	Optional	Optional	Optional
Pinnacle LDAP Sync Service	N/A	Optional	Optional	Optional	Optional
Visitor Management –EasyLobby SVM™	N/A	Optional	Optional	Optional	Optional
CCTV, DVR, Intercom and Serial Alarm	N/A	N/A	Optional	Optional	Optional
Smart Elevator Interface - Otis / ThyssenKrupp / Schindler	N/A	N/A	Optional	Optional	Optional

Supported Requirements:
Pinnacle 11 Server and Client Workstations

Operating System (OS Not Included)	**Ultra, Lite, Standard, Plus, Professional** 64-bit Windows OS: Windows Server 2019, 2022, 2025, Windows 11 Professional, Enterprise.
Database Engine Guidelines (SQL 2019 Express Included)	**Ultra, Lite, Standard, Plus, Professional** Greater than 128 readers OR 10,000 cardholders OR 5,000 events per hour OR 4 client workstations OR database partitioning requires the use of MS SQL Server 2016 Standard or Enterprise editions or newer.

Client		
Ultra	I5 minimum	8GB
Lite	I5 minimum	8GB
Standard	I5 minimum	8GB
Plus	I5 minimum	8GB
Professional	I5 minimum	8GB
Server		
Ultra	I5 minimum	16GB
Lite	I5 minimum	16GB
Standard	I7 minimum	32GB
Plus	I7 minimum	32GB
Professional	I7 minimum	32GB
Ports	4 USB or onboard serial port	

Note: Certain Pinnacle screens, such as the device tree, requires MS Paint to be resident on your computer (free from Microsoft Store). Actual requirements may vary, increasing memory and processor speed has been found to improve performance.

Specifications and availability are subject to change without notice.

[1] Wireless Locks must be purchased from Sielox to avoid additional licensing costs. Only AC-2700 MC's with Pinnacle version 9 or later support wireless locks (Wireless, BLE), AC-2700 not required for Schlage WiFi locks. Contact Sielox for Schlage WiFi locks server requirements
[2] Pinnacle supports unlimited Time Zone assignments, controller storage limits Time Zones to 64 terminal controllers
[3] Pinnacle supports unlimited Access Levels, each TC is limited to 256 total access levels. Up to 16 privileged access levels and no more than 8 privileged access levels per partition.
[4] Pinnacle supports 99 individually expiring Access Levels per cardholder with up to three per cardholders sent to respective TC modules in order of set priority for each cardholder; server authorized enhanced assists are initiated for cardholder Access Levels of lower priority
[5] Enhanced Holidays and Enhanced Time Zones is a browser based app hosted by IIS using an auto-installation of latest version of Chrome
[6] Local = I/O linking within the same TC module; Regional = I/O linking within the same AC-2700 Main Controller; Global = I/O linking across AC-2700 Controllers within the same server
[7] Hardware COM Server (Multi-Hardware Server) architecture supports Universal I/O linking across hardware servers

Intertek

Sielox®
Innovative Security Management Since 1979

PEPPM®

Sielox Layered Security Systems provide a smart way to protect people, property and assets with the highest levels of performance, reliability and cost-efficiency. Since 1979, Sielox has built its expertise working with integration partners and end-users in all types of facilities. Our "Made in USA" lockdown solutions include the AnyWare Browser-Based Access Control Solution, CLASS Crisis Lockdown Alert Status System, 2700 Intelligent Controller and Pinnacle Advanced Access Control Software integrated with leading manufacturer wireless locks, visitor management, readers and credentials.

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