

Cisco Physical Access Manager

Cisco® Physical Access Manager (Version 1.2) is the management application for the Cisco Physical Access Control solution. It comes installed on hardware, and is sold as an appliance. Cisco Physical Access Manager is used to configure Cisco Physical Access Gateways and Modules, monitor activity, enroll users, and integrate with IT applications and data stores.

Features

Table 1 describes the features of the Cisco Physical Access Manager, Version 1.2.

Table 1. Cisco Physical Access Manager (Version 1.2) Features

Feature	Description
Thin Clients	Cisco Physical Access Manager supports a thin client model. Clients from computers running the Windows operating system can contact Cisco Physical Access Manager and download and install an application that allows interaction with the Cisco Physical Access Manager for administrative purposes.
Microsoft Active Directory Integration	Administrative users of Cisco Physical Access Manager can be configured to use Microsoft Active Directory for authentication.
Badging and Enrollment	An optional licensable module enables the creation of badge templates, badge printing, taking user photographs, and enrolling users into the Cisco Physical Access Manager user database.
Device Configuration	Cisco Physical Access Gateway hardware can be configured using Cisco Physical Access Manager. The Access Gateway contacts Cisco Physical Access Manager, to download pre-provisioned configuration information.
Access Policies	Areas (comprised of a group of doors) and users can be assigned entry permission based on schedules.
User Rights	Administrative users of the Cisco Physical Access Manager can be assigned permissions. User profiles can be tailored very specifically.
Credential Management	Cardholder credentials can be edited, including system wide card formats.
Alarm and Event Management	Cisco Physical Access Manager provides a view of events and alarms in the system. Alarm and event views can be filtered based on several criteria.
Global I/O	Events (contact closure inputs or card access denied, for example) can be associated to actions (activate output contact closures, send an e-mail, etc.).
Reporting	Standard and custom reports can be created with Cisco Physical Access Manager.
Audit Trails	Cisco Physical Access Manager provides a log of all administrative use of the system, arranged by user.
Enterprise application integration	An optional licensable component allows Cisco Physical Access Manager to be synchronized with data from either external SQL databases or Microsoft Active Directory.
Cisco Video Surveillance Manager Integration	Cisco Physical Access Manager dynamically acquires camera inventory from Cisco Video Surveillance Manager, associates cameras to doors, and users can view recorded or live video for every event from the door.
License Management	License files (capacity upgrades or feature additions) can be added.
Server Administration	Allows a user to administer the Cisco Physical Access Manager appliance, by performing tasks such as IP address assignment.
Access Gateway Image Management	Cisco Physical Access Gateway images can be upgraded using the Cisco Physical Access Manager.
Configuration Backup	The entire configuration can be backed up to an external server.
System Restore	Previously backed up configuration can be restored from an external server.
High Availability	Two Cisco Physical Access Manager appliances can be configured as a pair to provide warm standby redundancy. The secondary appliance needs to be installed with a high-availability license.
URL Invocation	HTTP/S URLs can be invoked as a result of any event or alarm. Event data can be inserted in the URL to integrate with any external application that accepts URL invocations.
Web Services API	A licensable option allows for external systems to use a Web Services API to integrate with CPAM. Both HTTP and SOAP/XML bindings are supported.

Appliance Specifications

Table 2 lists the hardware specifications of the Appliance that Cisco Physical Access Manager Version 1.2 is installed on.

Table 2. Appliance Specifications

Item	Description
CPU	Intel Core2 Duo 2.13-GHz processor with a 1066-MHz front side bus (FSB) and 2 MB of Level 2 cache
Memory	4 GB PC2-5300 DDR2 SDRAM ECC
Hard Drive	250 GB SATA 7200 RPM
Ethernet	2 X 10/100/1000 RJ-45, 10BASE-T, 100BASE-TX, 1000BASE-T
Optical Drive	1 DVD-ROM, front-accessible (8X DVD read, 24X CD read)
Serial Ports	1
USB 2.0 Ports	3 (1 at front and 2 at back of chassis)
Keyboard Port	1 PS/2
Mouse Port	1 PS/2
Weight	15.0 lb (6.8 kg), base chassis
Maximum Power Consumption	350W (maximum output, power supply rating) 540W (maximum input, power supply rating)
Power Input (Low Range)	90 to 127 (nominal) VAC; 47–63Hz
Power Input (High Range)	180 to 264 (nominal) VAC; 47–63Hz
Weight	15.0 lb (6.8 kg), base chassis

Package Contents

Table 3 describes the items that ship with the Cisco Physical Access Manager Appliance.

Table 3. Package Contents

Item
Appliance, bundled with Cisco Physical Access Manager Version 1.2
Accessory kit
Regulatory compliance and safety information
Quick start guide

Availability

The Cisco Physical Access Manager is available through Cisco Authorized Technology Provider (ATP) Partners.

Ordering Information

Table 4 lists the part numbers for the Cisco Physical Access Manager.

Table 4. Ordering Information

Part Number	Description
CIAC-PAME-1125-K9	Appliance, bundled with Cisco Physical Access Manager Version 1.0 Software
CIAC-PAME-BD=	Cisco Physical Access Manager Badge Designer and Enroller
CIAC-PAME-HA=	Cisco Physical Access Manager High-Availability License
CIAC-PAME-M64=	Cisco Physical Access Manager 64-module capacity upgrade license
CIAC-PAME-M128=	Cisco Physical Access Manager 128-module capacity upgrade license
CIAC-PAME-M512=	Cisco Physical Access Manager 512-module capacity upgrade license
CIAC-PAME-M1024=	Cisco Physical Access Manager 1024-module capacity upgrade license

Part Number	Description
CIAC-PAME-EDI=	Cisco Physical Access Manager Enterprise Data Integration License
CIAC-PAME-WSAPI=	Cisco Physical Access Manager Web Services API License

Service and Support

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For More Information

For more information about the Cisco Physical Access Manager, visit <http://www.cisco.com/go/eac> or contact your local account representative.



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