

Identiv Connected Physical Access Manager (ICPAM) Data Sheet



Identiv Connected Physical Access Manager (ICPAM), is the management application for physical access that integrates into the Cisco ecosystem. ICPAM (Figure 1) is used to configure Identiv Physical Access Controllers and Readers, monitor activity, enroll users, create identification badges and integrate with security and IT applications and data stores.

Traditional physical access management requires expensive and proprietary hardware, specialized cabling and a management interface which could only be run locally. In addition management system have been focused on just access management, requiring multiple data entries for different systems.

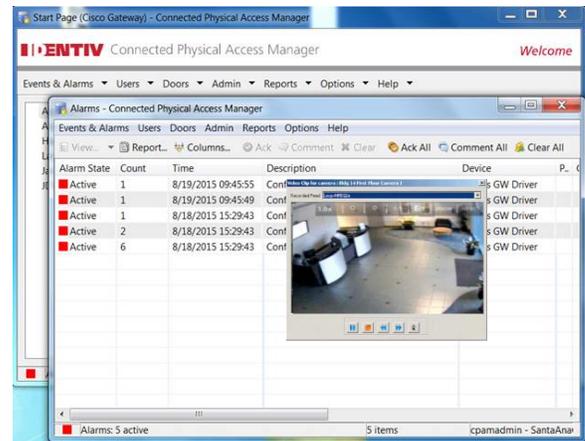


Figure 1 ICPAM Interface

ICPAM is delivered in a kit (Figure 2) which includes an ICPAM controller, a TS reader and access to a virtual appliance of the ICPAM software. Identiv Access Controllers are connected to ICPAM interface through standard network cabling connected to a power over Ethernet switch and becomes part of the IP network. TS Readers are connected locally to the controller again using standard cabling. With the Controller located on the interior of the premises and the TS Reader on the exterior, security is maintained. Installation can be done in less time than traditional access control systems and managed over the network.

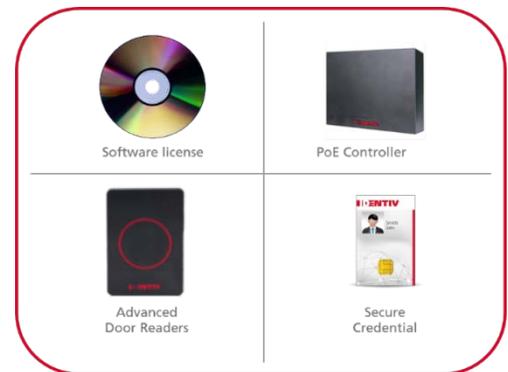


Figure 2 Identiv Connected Physical Access Manager

ICPAM has been built with total security in mind, integrating with other databases, such as Active Directory and other security systems, such as Cisco's Video Surveillance Manager. To complete the ICPAM kit, Identiv can provide a more secure credential type where the information on the identification card has been secured so that the card cannot be copied by a nefarious actor.

With ICPAM you now have a way to combine all your physical access systems into a single management system, installed quickly using current infrastructure with the knowledge that you know who is entering your premises.

Features and Benefit

Table 1. Identiv Connected Physical Access Manager Features

Feature	Benefit
Thick Client and Web Browser Support	ICPAM provides a choice of management options, a thick client for quicker response and web interface for anywhere management
Microsoft Active Directory Integration	As most companies are using Active Directory (AD), either for Exchange or other personnel management, pulling information into ICPAM from AD means the administrator does not need to recreate the data.
Badging and Enrollment	Enables the creation of badge templates, badge printing, taking user photographs, and enrolling users into the Identiv Connected Physical Access Manager user database.
Device Configuration	Controller contacts ICPAM to download pre-provisioned configuration information. No need to create the configuration for each controller.
Access Policies	Areas (comprised of a group of doors) and users can be assigned entry permission based on schedules.
User Rights	User profiles can be tailored very specifically for administrative functions
Alarm and Event Management	ICPAM provides a view of events and alarms in the system. Alarm and event views can be filtered based on several criteria.
Reporting	Standard and custom reports can be created with ICPAM
Audit Trails	ICPAM provides a log of all administrative use of the system, arranged by the user.
Enterprise Application Integration	An optional licensable component allows ICPAM to be synchronized with data from either external SQL databases or Microsoft Active Directory. Large numbers of records (including jpeg photographs) can now be imported from external systems into the Identiv Connected Physical Access Manager database using the Cisco Enterprise Data Integration (EDI) tool.
High Availability	An optional high availability license allows two ICPAM appliances to be configured as a pair to provide warm standby redundancy.
Cisco Video Surveillance Manager Integration	ICPAM dynamically acquires camera inventory from Cisco Video Surveillance Manager and associates cameras to doors. Users can view recorded or live video for every event from the door.
IP Phone Integration	This integration allows Cisco IP phones to interface with Session Initiated Protocol (SIP)-based video endpoints.
Virtualization (Cisco UCS) Support	Support includes a downloadable Open Virtualization Format (OVF) virtual appliance in the form of a single file with the extension .OVA.
Access Controller Image Management	Physical Access Controller images can be upgraded using the Identiv Connected Physical Access Manager.
Configuration Backup	The entire configuration can be backed up to an external server.
System Restore	A previously backed up configuration can be restored from an external server.
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. URL actions can be sent from the Identiv Connected Physical Access Manager or directly from the Physical Access Controller.
Internationalization Support	Language packs can be added displaying Identiv Connected Physical Access Manager menu text in a language other than English. For debugging purposes, both English and the local language

	can be displayed at the same time.
Event Management	New events generated by the system can be effectively managed while old events can be archived, automatically reducing the event database size. Events can be excluded from system backups, significantly reducing the backup file size.
Event Policies	Event policies could be set up to suppress alarms from device(s) or all devices from a location based on a schedule. For example, an education customer can create different event policies for different schools. Each policy can include the alarm type (such as motion detection) together with the cameras assigned to a specific school's location. A schedule can also be associated with the event policy so events are logged only after normal working hours. If each school has different working hours, the user can create multiple schedules and assign them to the event policy for each school.
Network Time Protocol (NTP) Configuration	The Network Time Protocol (NTP) server can be configured for all Physical Access Controller modules, or for selected modules, over the network using ICPAM
Enrollment Reader Interface	Two methods can be used to quickly enroll new users into the ICPAM database: Optical scanners or proximity card enrollment readers. The optical scanner allows badge administrators to scan government-issued driver's license ID cards. Data from the cards, like the name and address, is automatically extracted and populated into the new personnel records. Proximity card enrollment readers allow proximity badge data like facility code and ID to automatically populate into the new or existing personnel record, saving valuable time during enrollment.
Identiv Branded ICPAM	Continued support of current CPAM customers and new investment from dedicated developer
In place upgrades from existing customer 1.5.x systems	No need to replace current hardware, operating systems or configurations to change
Add support for Identiv ICPAM Controller	New controller, future proofing your environment
Support both CPAM Gateway and ICPAM Controller	No need to replace current controllers, and add new ones with same interface.
Use existing network for comms/power	As Controllers are powered through the network, no need to run separate power connections
Simplified licensing	Just purchase the kit and software licenses are included.
Includes Credential Starter Pack, Each order includes 10 Identiv Secure Credentials	The most secure physical access credential for use with ICPAM. No worry about a nefarious actor copying an employee card and gaining access to your premises

Availability

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

Ordering Information

Table 2 lists the part numbers for the Identiv Connected Physical Access Manager.

Table 2. Ordering Information

(PID) Part Number	Product	Description
	Identiv CPAM Bundle - Wall Mount	Bundle of PoE controller, software, license, uTrust TS wall mount reader. Includes one year of support and maintenance
	Identiv CPAM Bundle - Mullion Mount	Bundle of PoE controller, software, license, uTrust TS Mullion reader. Includes one year of support and maintenance
	Identiv CPAM Bundle - Keypad Mount	Bundle of PoE controller, software, license, uTrust TS keypad reader. Includes one year of support and maintenance
	Identiv CPAM Bundle - Scramblepad	Bundle of PoE controller, software, license, uTrust TS Scramblepad reader. Includes one year of support and maintenance
	Identiv CPAM Bundle- Maintenance	One year of software and hardware support for any uTrust Verge system (excluding scramblepad)
	Identiv CPAM Bundle - Maintenance	One year of software and hardware support for uTrust Verge Scramblepad system
	Identiv CPAM credential starter kit	Qty 10 Identiv CPAM access credential secure - card form factor per ORDER. Only 1 starter kit per order
	EAI License	Allows Access Control software to connect to external user DBs
	HA License	Allows secondary HA Pair
	Cisco CPAM to Identiv CPAM Migration	Migrate software from Cisco CPAM to Identiv CPAM per Cisco gateway (includes 12 months maintenance)
	Cisco Gateway Trade-in	Trade-in of Cisco CPAM Gateway hardware for Identiv Gateway Promotion (includes Identiv CPAM and 12 months of maintenance)
	CPAM software maintenance	Identiv CPAM software only maintenance (per Cisco gateway)
	TS Physical Access Readers - Mullion Network	Door frame sized multi-frequency, connected door reader - US Gov. FICAM certified, Wiegand, RS-485, and network (PoE), EAL 6+ key storage, upgradeable
	TS Physical Access Readers - Wall Mount Network	Wall mount sized multi-frequency, connected door reader - US Gov. FICAM certified, Wiegand, RS-485, and network (PoE), EAL 6+ key storage, upgradeable
	TS Physical Access Readers - Keypad Network	Keypad wall mount sized multi-frequency, connected door reader - US Gov. FICAM certified, Wiegand, RS-485, and network (PoE), EAL 6+ key storage, upgradeable

	TS Physical Access Readers - Scramblepad Network	Scrambling keypad, multi-frequency, connected door reader - US Gov. FICAM certified, Wiegand, RS-485, and network (PoE), EAL 6+ key storage, upgradeable
	TS Physical Access Readers - Mullion Migration	Mullion sized multi-frequency, connected door reader , Wiegand and RS-485 (no network), EAL 6+ key storage, upgradeable
	TS Physical Access Readers - Wall Mount Migration	Wall mount sized multi-frequency, connected door reader , Wiegand and RS-485 (no network), EAL 6+ key storage, upgradeable
	125 KHz proximity - card Credential	125 KHz Proximity ISO Card (PVC)-all major formats. Legacy low security credential for physical access only.
	125 KHz proximity - Key Fob	125 KHz Proximity Key Fob-all major formats. Legacy low security credential for physical access only.
	125 KHz - proximity sticker	125 KHz Proximity round sticker- all major formats. Legacy low security credential for physical access only.
	Identiv CPAM access credential secure - card form factor	The best credential for physical access - includes dual frequency proximity for backwards compatibility and digital certificate support for identity based physical access. Upgradable to SmartID for information, cloud and mobility privacy and access

For More Information

For more information about the Identiv Connected Physical Access Manager, contact your local account representative.