UK sites classified as critical infrastructure can deploy the Hirsch CPNI-approved physical access control system (PACS) platform.

Identiv’s Hirsch PACS CPNI solution is approved by the UK’s Centre for the Protection of National Infrastructure (CPNI). The solution is available for use with an unlimited number of doors using CPNI-certified Hirsch Mx Series Controllers and Hirsch SNIB3 Encrypted Communication Boards. Each door is fully supervised via 24-hour stand-by battery-connected readers, locks, and peripherals preconfigured using CPNI AACS standards.

The solution’s IT infrastructure comes with a secure CPNI-approved rack that hosts a managed Ethernet switch (1U), servers for Hirsch Velocity Software (2U) and Microsoft Windows Active Directory server (1U), and a rack KVM with monitor, keyboard, and touch-pad, all completely configured and hardened following CPNI standards, and incorporates system power and a rack UPS back-up (3U).

A dedicated, secure CPNI-approved container is provided for each workstation with a protected, hardened Windows 10 tower, 22-inch wide-screen full HD monitor, and keyboard. Hirsch Velocity comes CPNI-licensed and includes IGS CPNI integration and approved antivirus software. With the Mx Controller at its core, Identiv’s solution provides a high-integrity, enterprise-class access control and security management solution.

- **Protects UK from Threats**
  - Works with government, police, industry, and academia
  - Equipment meets stringent CPNI certification requirements

- **Turn-Key Solution**
  - Hardware and configuration follow AACS and CAPPS standards
  - Infrastructure is pre-staged and configured for ease of deployment

- **Enterprise Security Management System**
  - Scalable from a single controller to networked, multi-site installations via CPNI-approved networking equipment
  - Gigabit Ethernet using AES 256 encryption and TLS communications

- **IGS SLA and Support**
  - Dedicated Identiv Global Services (IGS) Engineer keeps environment updated
  - Service Level Agreement (SLA) covers cyber security updates and reconfiguration for future CAPPS support
## Hirsch PACS CPNI Solution

### High-Security Access Control

#### CPNI Solution Breakdown

<table>
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<th>Product</th>
<th>Details</th>
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| Velocity CPNI Software 3.6 SP3                | VEL-SERVER-CPNI
Velocity security management application software, server edition. Users and web client connections are unrestricted. Includes all Velocity standard features such as graphics/badging module and Velocity Web Console. License key enables use of server and licensed clients. For single and networked DIGI*TRAC controllers, including Mx Controllers. Includes Enrollment, Photo Badging, Graphics, Alarms, Events, Control, History, Who's Inside, Programming, and Editing. |
| MX-2-N3-CPNI Hirsch Controller               | MX Controllers CPNI
Controls from 2 to unlimited fully supervised doors, 500,000 users, enclosure, power supply, batteries to sustain a 24h standby, tamper switch, lock, and SNIB3. Built-in software configurable Wiegand interface for direct reader connection. Supports expansion boards. Provides 10/100/1000 encrypted Ethernet to Host PC and downstream controllers (Mx and DIGI*TRAC) |
| MX-4-N3-CPNI Hirsch Controller               | MX Controllers CPNI
Controls from 2 to unlimited fully supervised doors, 500,000 users, enclosure, power supply, batteries to sustain a 24h standby, tamper switch, lock, and SNIB3. Built-in software configurable Wiegand interface for direct reader connection. Supports expansion boards. Provides 10/100/1000 encrypted Ethernet to Host PC and downstream controllers (Mx and DIGI*TRAC) |
| MX-8-N3-CPNI Hirsch Controller               | MX Controllers CPNI
Controls from 2 to unlimited fully supervised doors, 500,000 users, enclosure, power supply, batteries to sustain a 24h standby, tamper switch, lock, and SNIB3. Built-in software configurable Wiegand interface for direct reader connection. Supports expansion boards. Provides 10/100/1000 encrypted Ethernet to Host PC and downstream controllers (Mx and DIGI*TRAC) |
| IGS CPNI Customization and Software Licenses | IGS-VEL-CPNI
Includes all licenses and additional custom features for fully compliant CPNI-approved solutions |
| IGS CPNI Hardening, Pre-Configuration, and Deployment On-Site | IGS-LABOR-SYSENGR
Complete configuration and installation of all devices in a secure Identiv lab, the configuration will be made following AACS and CAPPS standards, hardening and controls applied to Velocity server, Velocity workstations Active Directory server, managed switch, final deployment will be made hands-on on-site by IGS SC-cleared engineer along with training on the CPNI solution |
| IGS Service Level Agreement                   | IGS-SLA
Identiv Global Services can be leveraged through a dedicated Service Level Agreement (SLA), providing best-in-class support and repeat visits to keep the turnkey solution perpetually updated and protected with the latest security patches and information assurance controls |
| Velocity Server                               | IGS-SRVD-CPNI-VELSERVER
Dell PowerEdge R340 or newer server with Intel Xeon Processor, Microsoft Windows 2019 Server License, 32 GB of RAM, SSD Raid 1 SATA hard-drives, TPM 2.0 platform and redundant power supply, 3 years next business day warranty and manufacturer support |
| Active Directory Server                       | IGS-SRVD-CPNI-ADSERVER
Dell PowerEdge R240 or newer server with Intel Xeon Processor, Microsoft Windows 2019 Server License, 16GB of RAM, SSD Raid 1 SATA hard-drives, TPM 2.0 platform and redundant power supply, 3 years next business day warranty and manufacturer support |
| Fully Managed 24-Port Switch                  | IGS-AUXD-CPNI-24PMSWITCH
24-power managed layer 2 Gigabit switch |
| KVM with 19-in Monitor and Keyboard           | IGS-AUXD-CPNI-KVM19
Rack console with 19-inch LCD Monitor with touchpad and keyboard, includes cables |
| UPS for Server Rack Mounted                   | IGS-AUXD-CPNI-UPS
UPS X 750VA Rack/Tower LCD 230V |
| Velocity Workstation                          | IGS-WKD-CPNI
Dell OptiPlex 3070 SFF XCTO or newer Workstation with Intel Core i5 Processor, Microsoft Windows 10 Pro License, 16 GB of RAM, 500 GB 1 SATA hard-drives, TPM 2.0 platform, 3 years next business day warranty and manufacturer support |
| CPNI Rated Servers Secure Cabinet, Rack 42U   | IGS-AUXD-SRVCABINET
Rack sized cabinet, 42U, special electronic equipment cabinet 42U 1200 (d) x 800 (w) x 2180 (h) mm |
| CPNI Rated Workstation Secure Cabinet         | IGS-AUXD-WKDCABINET
Under desk electronics container ILS, 40KG 640 (d) x 400 (w) 600 (h) mm |
Identiv (NASDAQ: INVE) is a global provider of physical security and secure identification. Identiv’s products, software, systems, and services address the markets for physical and logical access control, video analytics and a wide range of RFID-enabled applications.

For more information, visit identiv.com or email sales@identiv.com.

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Hirsch PACS CPNI Solution
High-Security Access Control

CPNI RATED SECURE SERVER

CPNI RATED SECURE WORKSTATION

CPNI RATED IDENTIV MX CONTROLLER
SECURE NETWORK INTERFACE BOARD 3 (SNIB3)
PSU 24HOURS STAND-BY BATTERIES

CPNI
Centre for the Protection of National Infrastructure

Approved for UK Government use, for details contact CPNI

SECURE AREA