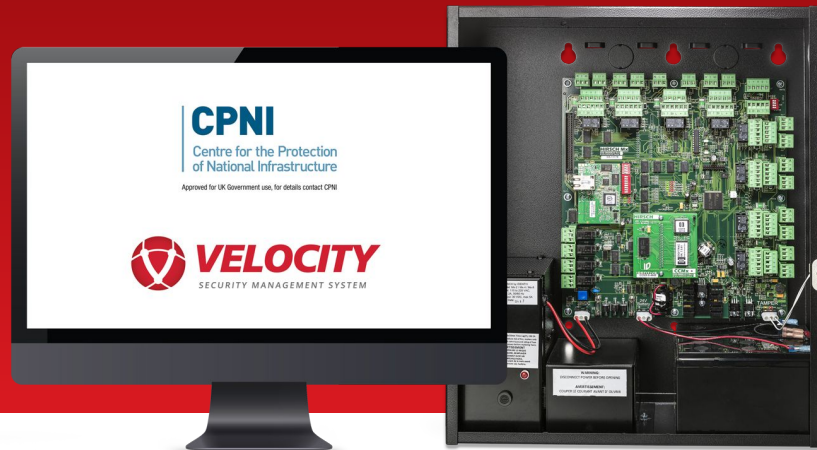# HIRSCH

Hirsch PACS CPNI Solution
High-Security Physical Access Control

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

Hirsch'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, Hirsch'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

HPS SLA and Support

- Dedicated Hirsch Professional Services (HPS) Engineer keeps environment updated
- Service Level Agreement (SLA) covers cyber security updates and reconfiguration for future CAPPS support

CPNI Solution Breakdown

Product	Details
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-4-N3-CPNI Hirsch Controller** **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 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 bestin-class support and repeat visits to keep the turnkey solution perpetually updated and protected with the latest security patches and information assurance controls
IGS CPNI Customization and Software Licenses	**IGS-VEL-CPNI** Includes all licenses and additional custom features for fully compliant CPNI-approved solutions
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

CPNI Solution Breakdown (cont.)

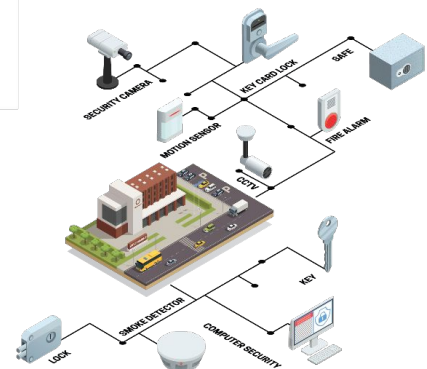| Product	Details
KVM with 19-in Monitor and Keyboard	**IGS-AUXD-CPNI-KVM19** Rack console with 19-inch LCD Monitor with touchpad and keyboard, includes cables
UPS for Server Rack Mounted	**IGS-AUXD-CPNI-UPS** UPS X 750VA Rack/Tower LCD 230V
Velocity Workstation	**IGS-WKD-CPNI** Dell OptiPlex 3070 SFF 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

CPNI RATED SECURE SERVER

CPNI RATED SECURE WORKSTATION

CPNI
Centre for the Protection of National Infrastructure

Approved for UK Government use, for details contact CPNI

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

SECURE AREA