

HYDRA

By HEALD



SECURITY CONTROL SYSTEM

What is Hydra?

Heald's Hydra is a revolutionary remote control and monitoring system, designed to simplify and streamline interaction with automated roadblockers and bollards. Adding greater remote control, product data monitoring and functionality to your perimeter security products.

Available as an option with any of Heald's automated products, the Hydra system facilitates push button control of blockers and bollards, product health monitoring, status feedback, historical product usage data and much more.

Users can also control and monitor the status of products via a tablet app, mobile phone or PC.

Data is securely transmitted via ethernet, data bus or mobile network with the optional GSM module. This is enabled by utilising end to end bank level encryption or an air gap system.



Especially useful for large or complex installs where multiple units are operating in tandem, allowing for more customisable operation than any other system currently available and compatible with most existing Heald installations.

Three different tier systems have been designed to choose from; bronze, silver & gold; ranging in a variety of different functionalities, all of which are laid out in the subsequent pages.

The option to add selected functions to your chosen pack is also available upon request.

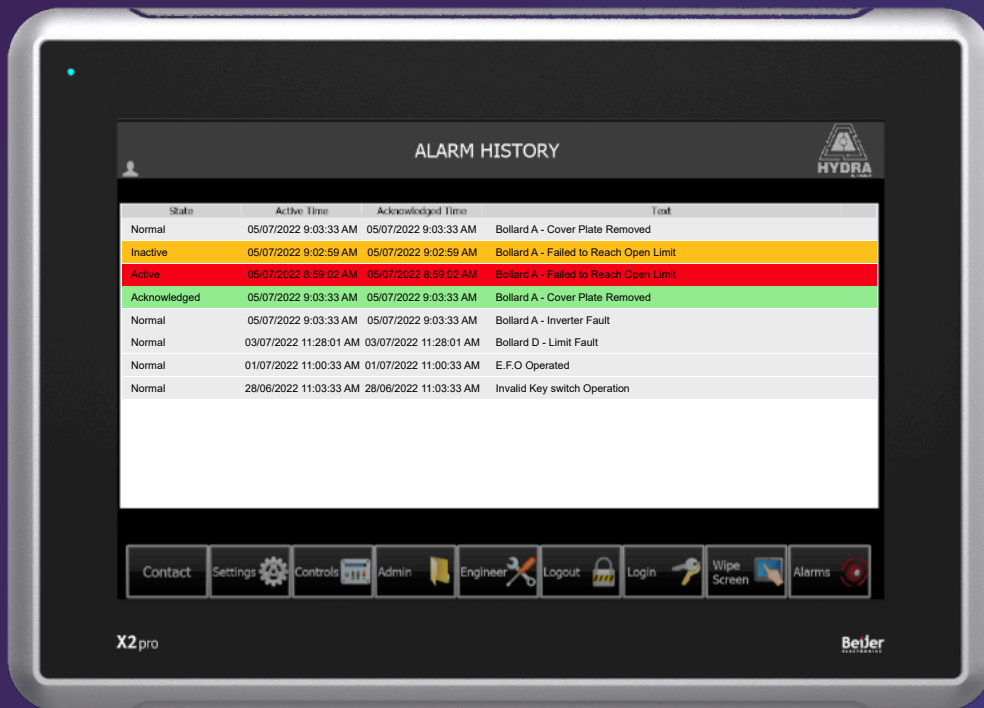


How can it be used?

The Hydra system can be used to control a single product, an array of products or multiple sites with multiple products making it especially useful for large or complex sites where multiple units are operating in tandem or multiple products at multiple locations are to be controlled all via a single control point.

Alarm Indication

Ability to have Faults, Maintenance alarms etc. on screen.



Engineer Access

Heald Engineers will have access to troubleshoot product faults remotely using a secure end to end encrypted link (as used in mobile banking). This gives Heald the ability to update programs and interrogate the product pre site visit.

Access can only be given by the client.

Access Control

Offering many advantages over other access control systems. Hydra features complex functionality in a flexible, simple to use package, seamlessly integrating your intercom, key fob, and or keypad.

Security Functions

Systems can be hard wired via databus direct to the products, dependant on the distance from the control hub this can be Cat 5 data cable or fibre. Using a databus connection keeps the software hardwired to your internal network.

Hydra can also be utilised using an internet connection, secured via end-to-end encryption software (as used in mobile banking). This is great for large sites, cities, and towns where a single control hub needs to control multiple locations across a vast distance.



Single Site - Multiple Product

The Hydra system can control multiple products in different locations across a single site. This gives security personnel the ability to monitor & operate HVM systems from a single control room.

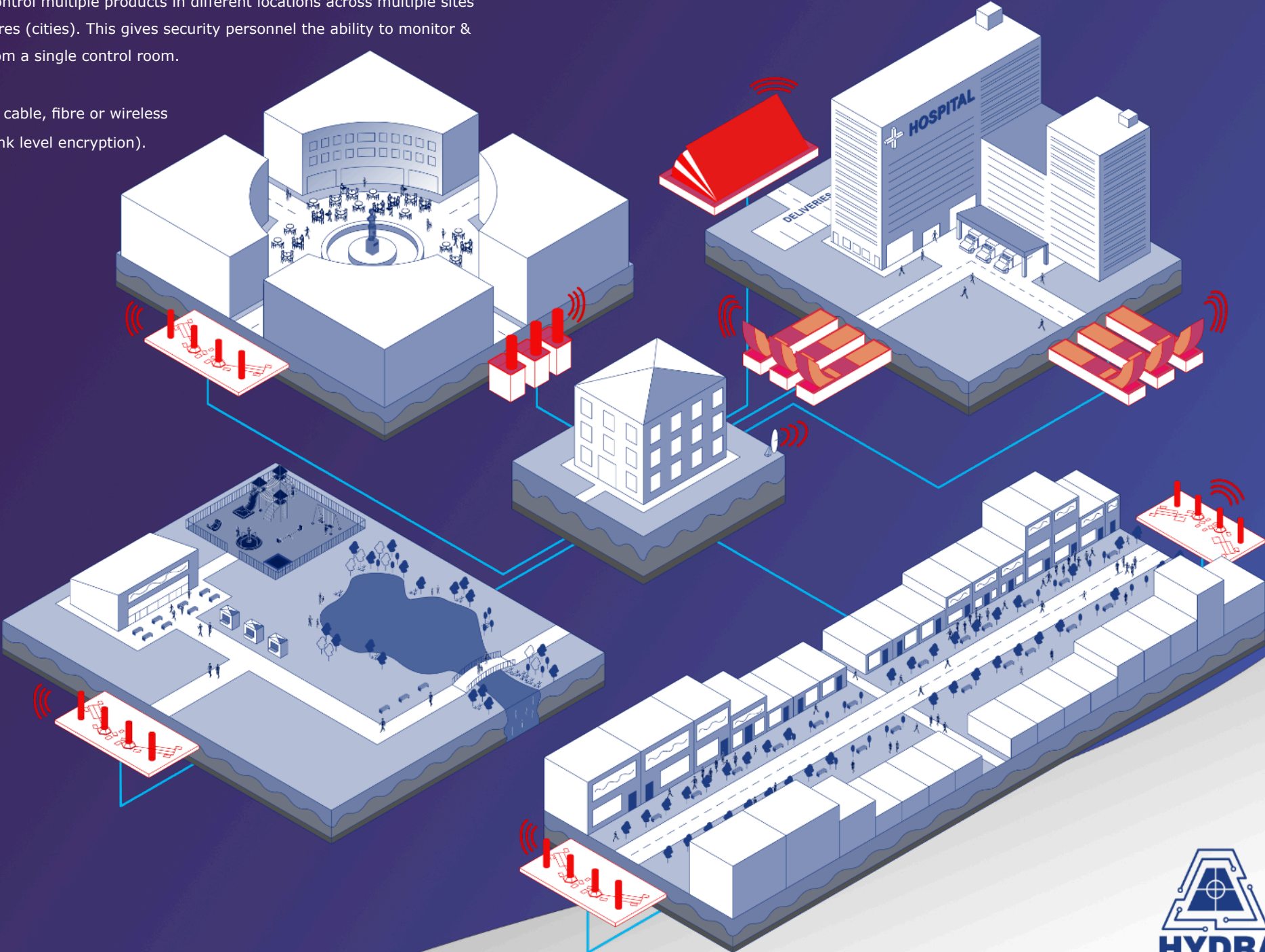
Linked via databus Cat 5 cable, fibre or wireless receivers (end to end bank level encryption).



Multiple Site - Multiple Product

The Hydra system can control multiple products in different locations across multiple sites such as large urban centres (cities). This gives security personnel the ability to monitor & operate HVM systems from a single control room.

Linked via databus Cat 5 cable, fibre or wireless receivers (end to end bank level encryption).



PDF Viewer

Allowing access to digital operation manuals, spares parts lists, certificates etc.

Report Functions

Hydra can produce detailed reports regarding the health and usage of your HVM System. These reports can be sent directly to Heald or your Heald approved maintenance contractor allowing for quicker response times and tailored site visits to rectify specific issues.



System Overview

Gives you a general overview of your site and the status of each 'Gate'. This also allows you to select a gate and operate the specific product. In the event of an attack the EFO button (Emergency Fast Operation) can be pressed and all HVM products raised simultaneously.



Secure Client Web Browser

Suitable for companies which use online data storage etc.

Product Trends

Tracks all data outputted by your HVM product such as; Oil Levels, Panel information, Heat Trace Tracking, Number of Operations, Vehicle Encounters, and more dependent on the product and system configuration. All data can be exported into a workable spreadsheet.



Tier Breakdown

Function	Bronze	Silver	Gold
Heald Contact Information	/	/	/
Access Control Integration	/	/	/
Alarm Indication	/	/	/
Heald Onsite Engineer Access	/	/	/
Heald Remote Engineer Access		/	/
Service Interval Information		/	/
Email Report Functionality		/	/
PDF Viewer		/	/
System Overview		/	/
Product Trends			/
Single Site - Multiple Product			/
Remote VNC			/
Multiple Site - Multiple Product			/
Data Recording and Output			/
10" Screen	/		/
15" Screen		/	/
21" Screen			/

Selected functions can be added to your chosen pack upon request.

