



Intelligent Infrastructure Management

Software and Hardware Solutions

Introduction

iD has always been a comprehensive, standards-based, Intelligent Infrastructure Management solution offering unique end-to-end visibility and control. The software solution is arguably the most intuitive, most flexible and configurable portable solution of its kind. It can now be coupled with intelligent microcontroller based patch panels and controllers, resulting in 100% connectivity accuracy! The complete iD solution will now track, alert and document enterprise networks in real-time.

The **HellermannTyton iD** solution is extremely easy to design, install, setup and use.

- Portable
- Scalable
- Local and remote access
- Management
- Documentation
- Administration
- Reliable
- Secure
- Efficient



Product Description

The **HellermannTyton iD** Intelligent Infrastructure Solution combines sophisticated software with a range of HellermannTyton Category 5e and Category 6 products each having a unique barcode for identification. The barcodes are read using handheld barcode scanners and the software identifies their location and end to end connectivity within the network infrastructure.

Key benefits of the iD solution are:

- Increased staff productivity with better management of moves, adds and changes
- Changes can be instantly recorded on the handheld with just the scan of a barcode
- Faster problem diagnosis to reduce downtime
- Improved security by tracking connectivity and recognising unauthorised changes
- Better asset utilisation
- Interface connectivity with third party systems
- Integration with iD Active patch panels



Benefits

iD Active offers the following benefits:

- **Managing MAC's** (Move's, Add's and Changes)
 - Schedule work, delegate jobs, track status and manage time and resource effective - zero paperwork
- **Improved Network Availability**
 - Fault find, troubleshoot and resolve infrastructure issues more sufficiently and effectively
- **Increased Network Security**
 - Track changes as they occur, configurable event driven alerts and control services, specifically for your infrastructure
- **Disaster Recovery**
 - Retain last known state of all connections, data and assets
- **Utilisation & Tracking of Assets**
 - Regardless of manufacture, location or value
- **Auditing**
 - Simplified methods of verifying connection information and data documentation quickly

Hardware

Closet Controller – super compact (1U), administers all processes of the connected iD Active patch panels. Each Closet Controller is connected to the iD Server via a LAN and can manage up to 100 iD Active patch panels.

iD Active Patch Panel – design is based on the well established and proven Category 6 range of patch panels. Offers exceptional Cat6 performance within a high density format. Each patch panel is a modular unit; presenting 24 ports per 1U, with the 3 PCBs each offering 8 RJ45 ports.

Bus Management Module – located on the rear of a 1U cable management bar to distribute the communications bus to and from all iD Active patch panels and the respective Closet Controller. Connectivity for up to 6 iD Active panels is achieved by simple shielded Cat5E cords and RJ45 jacks

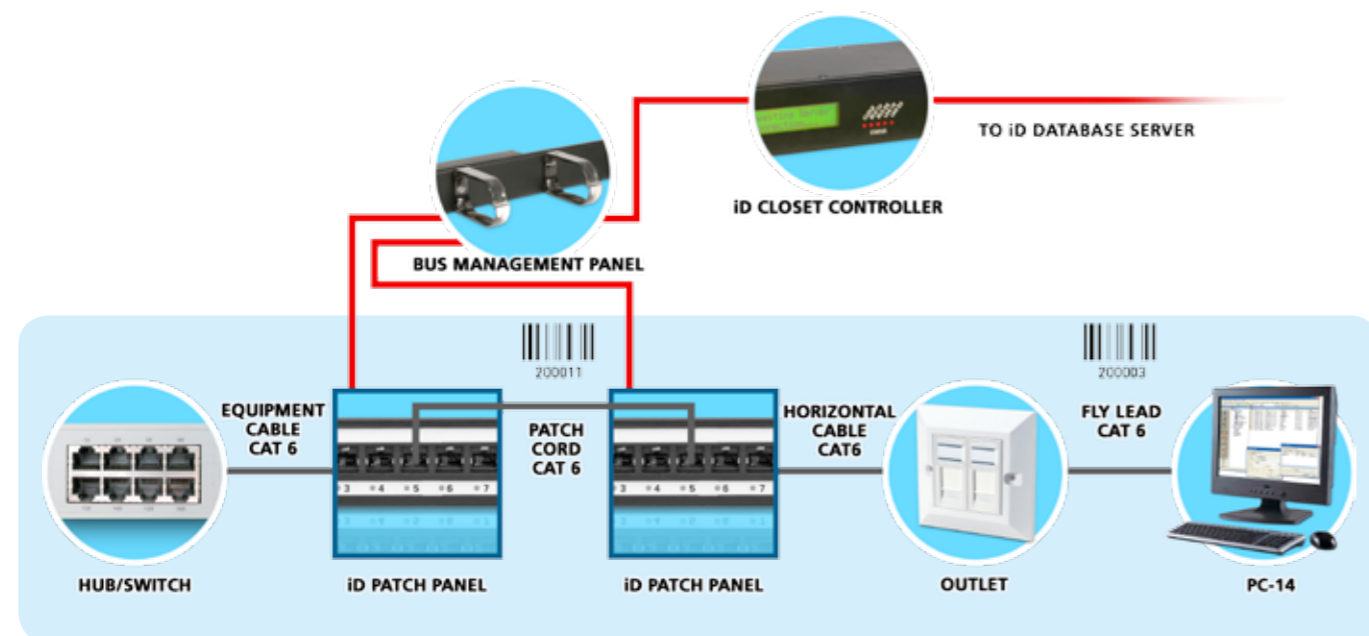
CoolPort Bus Manager – distributes the communications bus to and from all iD Active patch panels and the respective Closet Controller. For very compact communication cabinets the CoolPort Bus Manager may be located anywhere inside the Rack and offers connectivity for up to 2 iD Active panels using simple shielded Cat5E patch cords and RJ45 jacks.



Features

Coupled with the iD software, all of the following features are available with iD Active:

- Automatic, real-time detection of all connections and disconnections
- Manageable, step by step MAC's (Moves, Adds and Changes)
- Intuitive guidance and instruction with handheld PDA, backlit LCD display and LED indications
- Enhanced security features, responsive configurable alarms and event management
- 100% accurate, real-time visibility of assets and their utilisation
- Configurable user access, central database with remote access
- Cost and time saving, fewer errors, manage change with no paperwork
- Support for an unlimited number of ports including remote sites
- Automatic mapping of the iD Active hardware
- Ability to start work even before the database is prepared
- Simple topology and easy to deploy
- Suit consolidated and distributed communication rooms due to modular and scalable architecture
- True end to end connectivity management

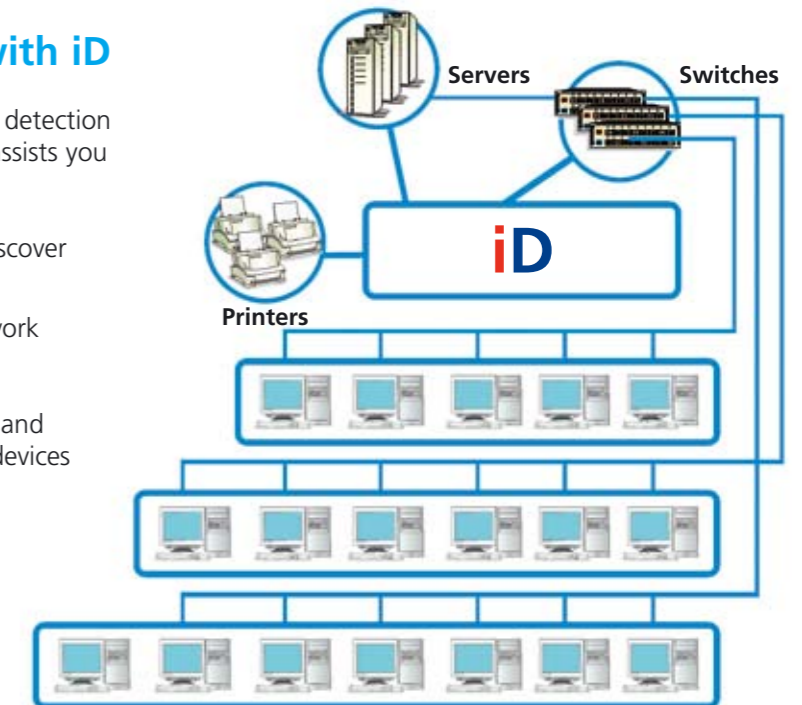
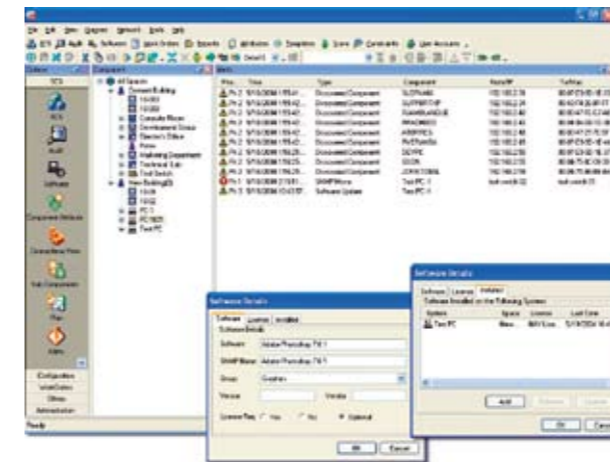


Managing your infrastructure with iD

Discover your Network – with automatic network detection that tracks connectivity changes and additions and assists you in planning for network growth.

- Automatically interrogate network switches to discover changes in the network connectivity
- Detect new equipment as it is added to the network
- Provide real-time alerts when changes occur
- Record full information about connected devices and complete information on desktop and handheld devices

Manage your Software – with automatic detection and alerts that ensure your software licenses are always under control.



- Automatically discover newly installed and removed software
- Record what software licenses are installed in each PC
- Detect the last time the PC containing a particular software was connected to the network
- Confirm the number of software licenses in use, and receive alerts if licenses are exceeded
- Entry and viewing of the details of the software including software name, version, vendor and whether a license is mandatory, optional, or not needed

Track your Assets – by showing management the big picture as you capture relevant asset information and exact physical locations.

- Record any information that you want to maintain regarding an asset with configurable templates
- Quickly track locations of assets within the facility including equipment used for short-term projects
- Updates asset locations automatically, including the drawings, with SNMP network discovery



Visualise your Network – with a broad range of information and rich floor plan images that are easy to configure and maintain.

- Show the exact location of equipment and ports on a floor plan to save time and effort in locating equipment and prevent incorrect moves, adds and changes.
- Provide a floor plan on the handheld which is invaluable when troubleshooting and eliminates the need to hunt under desks when looking for outlets.
- Automatically update the floor plans when moving assets in the database. It is even possible to drag-and-drop assets on the handheld and update the database.
- Allow anyone familiar with Microsoft Visio to import and configure floor plans, and to export information for up-to-date printouts of the IT infrastructure. With Microsoft Excel and Visio integration combined, iD is able to provide the most accurate view of your network ever.

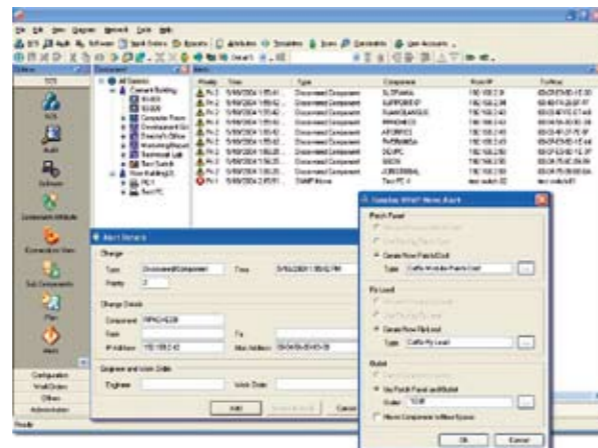


Audit your Connectivity and Infrastructure – with a portable device that audits as it scans to determine inaccuracies in connectivity and asset records.

- Audit connections in cabling to determine and resolve inaccuracies in the cabling records with no cable tracing required
- Allow multiple types of audit to support different departmental and operational functions with configurable list of templates and reports
- Determine whether the assets recorded in iD are the same as the actual physical assets in the facility and report on discrepancies
- Make auditing as simple as scanning a barcode

Manage your Tasks – with organised work assignment and project management.

- Provide and manage work-orders for efficient day-to-day task management via the desktop and Pocket PC.
- Provide full reporting of equipment, connection and work-order reports that can be used for planning and management audit requirements
- Use a project screen which can be used to reserve specific equipment as well as assign particular engineers to specific projects
- Create work-orders with drag-and-drop
- Track work-orders and projects to completion



Barcode Identification

The following products are available with unique **iD barcode identification**

Category 5e Patch Panels	
24 Port Global Patch Panel C5e iD	1/2408IDC G5E ID
48 Port Global Patch Panel C5e iD	2/4808IDC G5E ID
Category 5e Patch Leads	
0.5m Patch Lead C5e iD	RJ45C5E-0.5M GY ID
1m Patch Lead C5e iD	RJ45C5E-1M GY ID
2m Patch Lead C5e iD	RJ45C5E-2M GY ID
3m Patch Lead C5e iD	RJ45C5E-3M GY ID
4m Patch Lead C5e iD	RJ45C5E-4M GY ID
5m Patch Lead C5e iD	RJ45C5E-5M GY ID
Category 6 Patch Panels	
24 Port Global Patch Panel C6 iD	1/2408IDC G6 ID
48 Port Global Patch Panel C6 iD	2/4808IDC G6 ID

Category 6 Patch Leads	
0.5m Patch Lead C6 iD	RJ45NGB-0.5M GY ID
1m Patch Lead C6 iD	RJ45NGB-1M GY ID
2m Patch Lead C6 iD	RJ45NGB-2M GY ID
3m Patch Lead C6 iD	RJ45NGB-3M GY ID
4m Patch Lead C6 iD	RJ45NGB-4M GY ID
5m Patch Lead C6 iD	RJ45NGB-5M GY ID
Alpha Snap Faceplates for Category 5e & Category 6 Outlets	
Single Gang Faceplate AS Bevelled White iD	ASFP01 W ID
Single Gang Faceplate AS Flat White iD	ASFP01/F W ID
Dual Gang Faceplate AS Bevelled White iD	ASFP02 W ID
Dual Gang Faceplate AS Flat White iD	ASFP02/F ID
Easyclip Style Faceplates for Category 5e & Category 6 Outlets	
Single Gang Faceplate EC White iD	ECFP01 W ID
Dual Gang Faceplate EC White iD	ECFP02 W ID

For more information and a product demonstration please contact your HellermannTyton representative.

Components

For our **iD Active hardware products**, we've kept things simple with a minimal number of components:

Part Number	Item Name	Description
1/CC-IDHW	Closet Controller	iD Active Master Controller
1/2408-C6-IDHW	iD Patch Panel	iD Active Category 6 Patch Panel
1/BM-0608-IDHW	Bus Management Panel	Bus and Power Distribution Panel
CBM-0208-IDHW	CoolPort Bus Manager	Bus and Power Distribution Module

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