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iD - DCIM

Data Centre Infrastructure Management

HellermannTyton

What is DCIM?

Data Centre Infrastructure Management (DCIM) has emerged as a toolset to enable better visibility and control of data centre spaces and assets.

DCIM fills a niche between the Building Management System and the Network Management System, integrating the data from each into a single source of information.

Collaboration between key IT and Facilities resources are enabled via a common dataset and consistent documentation process.

DCIM adoption results in reduced CAPEX, OPEX and enhances the delivery of services and deployment of additional infrastructure.

What is iD?

iD from HellermannTyton provides a holistic approach to the documentation and management of the entire IT infrastructure within a data centre, including assets, power, connectivity, space and work-flow.

iD goes beyond DCIM, it supports management of the IT infrastructure within the enterprise environment, including IDF/MDF, work-areas and campus environments.

Key Features

Global IT Asset & Infrastructure Management

- Connectivity documentation Data/Voice/Fibre/Copper/Power/Security
- Interrogation and alarming of online devices
- Capacity management of racks, switches, patch panels, PDUs etc…
- Asset life cycling including: Location, financials, capacity, history or any user defined data

Multi-Platform Clients

- Barcode/RFID inputs with handheld device
- Desktop/web/tablet/smart phone/pocket PC

Customisable Scope

- Deploy only the features required for managing what is in scope right now
- Expand the scope in phases without purchasing additional functionality

Mobile Functionality

- The integral use of handheld devices enables real time data capture and works order processing ensuring data accuracy

Simple Licensing

- All functionality is included, no additional modules to purchase
- Licensed by asset, no seat licensing

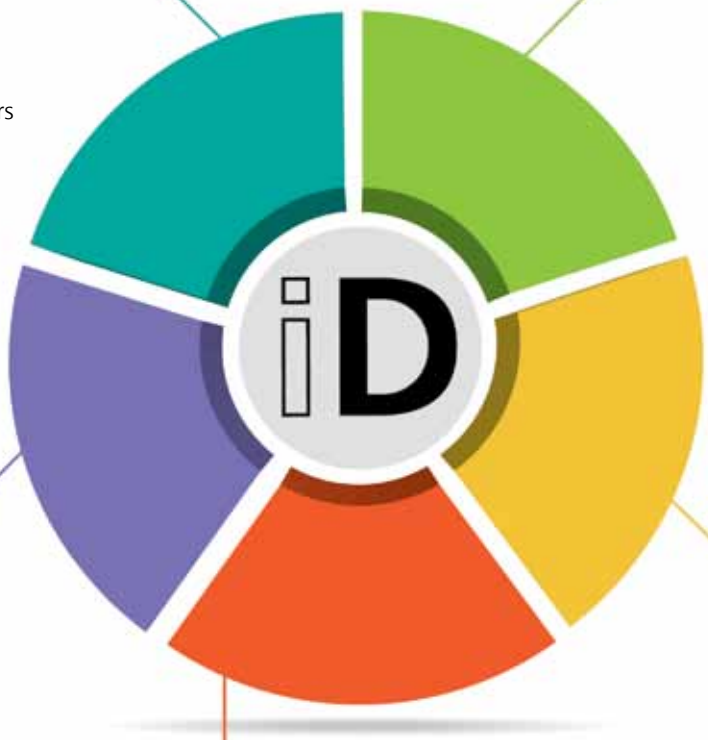
Total Network Management

iD DCIM provides network and data centre managers with full visibility and documentation of both the physical and virtual assets of their network and the environment in which they are operating. **iD** is highly flexible, capturing and utilising data from multiple sources whilst presenting management information in a clear and concise way.

Virtual Machines

iD can query Virtual Machine (VM) managers such as VMware ESX(R) and Cisco UCS(R) environments.

IT infrastructure managers are able to see a holistic view of their physical and virtual servers in the context of the overall IT infrastructure.



Connectivity

iD allows users to document physical Layer-1 connectivity for all infrastructure including:

- Voice & Data
- Fibre & Conduit
- Power
- Security

iD's Mobile client allows users to scan barcodes* to quickly access and update infrastructure records in the field.

* While bar-coding adds functionality, it is not a requirement for the system to operate.

Mobile Integration of Floor Plan / Drawings

iD will manage drawings and assets within the database. Drawings can be imported into **iD** in multiple formats including:

- .dwg
- .dxf
- .vsd
- .jpg
- .bmp
- .gif

iD will automatically update the location of assets and outlets on the drawing as work orders are completed, this means "As-Built" drawings are kept up to date dynamically.

Other Infrastructures

iD supports the documentation of the entire infrastructure including non traditional IT Infrastructure.

- Access Control documentation of Door Hardware
- Alarm and Security documentation
- Fire and Sprinkler systems
- Outside Plant Cables and Conduit

Rack Capacity & Assets

iD allows users to manage rack availability and space as well as overall capacity of each cabinet's weight, power, power plate, BTU and any other data point such as temperature and humidity.

iD supports fully dynamic rack elevation views including both front and rear view of racks and cabinets.

The **iD** mobile platform allows users to manage RU capacity and assignments in the field.

Working with iD

Scripting, Data Capture, History

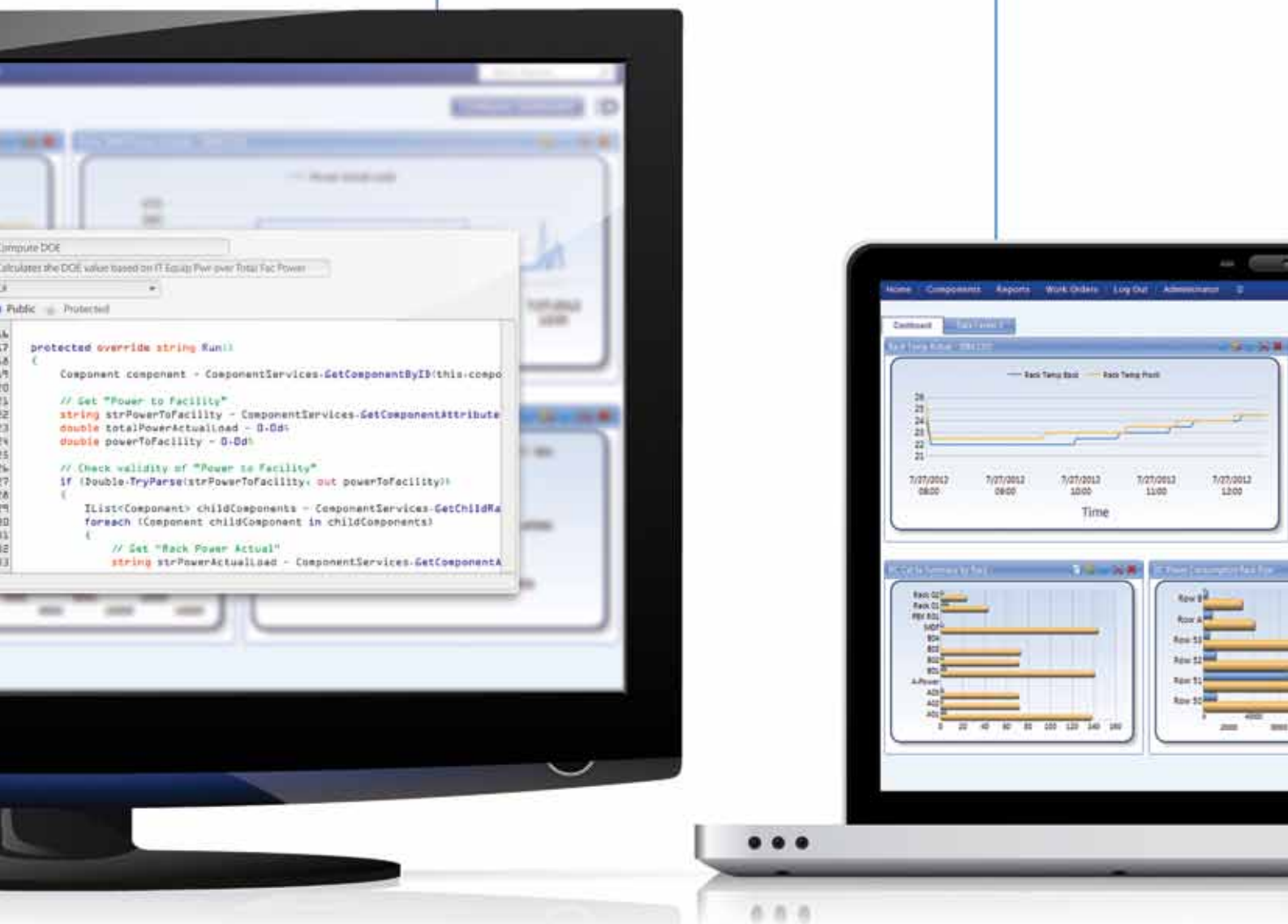
- Powerful built-in scripting in **iD** allows user developed extensions, including calling external dll's
- Scripts can be used for anything (eg: PUE/DCiE) and for external SNMP, e.g. power and temperature
- Scripts can run periodically to update components, etc.
- Real time network interrogation - SNMP, WMI including historical data recording (ideal for historical power records)
  - SNMP/WMI scripting means data can also be viewed in real time
- Historical data stored from any data sets

iD Dashboard

iD Dashboards allow users to view data graphically.

Dashboards can contain layered data allowing users to drill down to more granular data points.

Dashboards are configurable and tied to user account logins meaning that users see the most relevant information to them, anywhere they login.



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