



Know, Plan and Manage your Data Centre

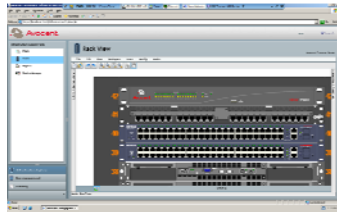


As Data Centre's evolve and adapt to meet the requirements of the business, IT is put under more pressure to manage **Logical** and **Physical** infrastructures, whilst looking at ways to reduce the time it takes to bring services online and increase their MTBSI (Mean time between service incidents).

With this fact, all IT Assets within the existing data centre must be considered when a service needs to be added, or physical moves or changes need to be made.

Planning for these changes in the Data Centre and analysing the impact a change will make, is key to ensuring an effective implementation.

The reaction from the market place has been that the **pace of change** is accelerating and the **expectation** from the business for the time it takes to bring a service on line is shortening.

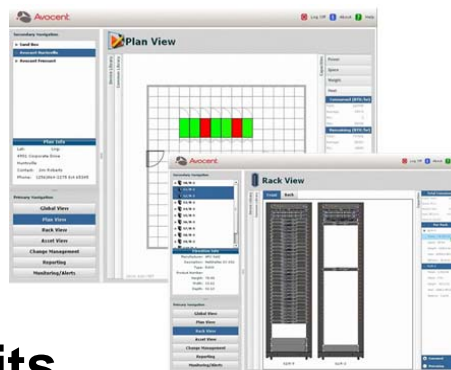


Based on these two realities, it is easy to see why changes in a Data Centre can be risky. Servers being implemented in racks that do not have enough power to run them, or IT Assets emitting more heat than the cooling system can handle is likely if IT cannot Visualise what consequences a change will make.

Avocent MergePoint® Infrastructure Explorer

removes the risk associated with Data Centre change by providing visualised documentation of data centre assets and their utilisation, enabling accurate and comprehensive capacity planning in addition to detailed assistance for operational maintenance activities.

When used in conjunction with Avocent® hardware products, Infrastructure Explorer also allows you to connect to and manage devices visualized in the application.



Features and Benefits

Visual Modeling – provides a graphic view of the data center(s), racks and individual IT elements within a rack, providing detailed visual information to aid in the day to day operations of the physical data centre (i.e. where is the email server – row 3, rack b, U 20-24) this significantly reduces the time to respond to issues, plan changes and things of that nature.

Asset Identification and Location – ability to search for assets by type, domain name, IP address etc providing the physical location in addition to other general asset information; provides specific information for locating a device (i.e. recalled power supply type-x –

visual indications of which racks and servers need to be worked)

Capacity Visualisation – at a glance view of available capacity and potential issues for space, power, heat/cooling, weight and network; provides accurate information for planning and reduces time needed to implement additions and changes to the data centre

Equipment Library – high fidelity images of assets with data on size, weight, power usage, BTU output etc; feeds data centre capacity metrics and shows details of assets for hands on operations and maintenance support

Data Import –import of csv records of data centre information; ease, speed and cost of implementation

Planning and Design – allows for creating multiple what-if scenarios to understand the impact of a change or addition to the data centre; enables data centre optimisation for space, power, weight, heat/cooling, and network

DSView 3 like functionality - launch KVM or Serial sessions to assets connected with Avocent hardware; moves the tool from a visual planning and recording tool to a functional interaction with the environment

Quick Facts

- 56.9% of businesses are using Excel and Visio for Rack Configuration, design and capacity planning
- 65.6% of companies are using Excel for change and configurations management for the physical elements of IT Infrastructure
- 34% of Data Centres are being redesigned or retrofitted

The full report of our findings can be downloaded from www.avocent.com

“Data Center Issues Survey”

Questions we answer

- How much power is in my Paris Data Centre?
- How much heat am I putting out, and do I have enough cooling?
- How much rack capacity do I have left?
- Have I overloaded any racks?
- Where do we install the new servers?
- Where are all of our finance servers located?
- What physical changes occurred in the last 3 days?
- What will happen if we...?

For more information or for a demonstration, please contact Marc Marazzi at marc.marazzi@avocent.com or +44 7984 497 840