

// PRODUCT SHEET

Data Center Management

logic

■ Increased level of abstraction

■ Power Management

■ Data Center Cockpit

// Data Center Management

Data Center Management bundles functions and modules that support the efficient planning, documentation and operation of modern data centers.

The capability for the fault and impact analysis increases the fault tolerance in data centers. The power supply (*Power Management*) and the climatisation, in particular, are the critical components of the technical and economic planning.

The GreenIT topic, with the more efficient utilization of the energy, and the security aspects, also belong to the decisive factors of the professional organization of a data center.

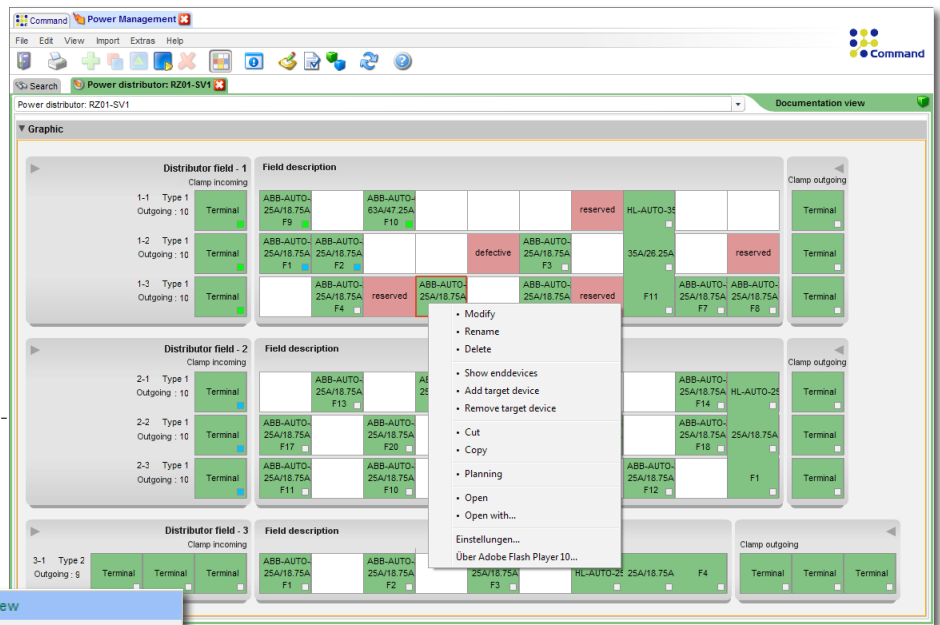
// Increased level of abstraction

With the help of the *Data Center Management*, Command permits an increased level of abstraction of the documented configuration items, for example, to switch from a power connection to a specialized software package (e.g. Server Management).

In addition, however, you must also consider the load carrying capacity of raised floors or floors and the zoning plans observed (*Data Center Cockpit*).

The standard information in the space plan has been augmented with the access control, signaling technology, fire extinguishing plant and fire protection attributes. The Server Management module provides a

useful supplement to the *Data Center Management* that can be used to plan and document not only the physical servers, but also the configurations of the logical and virtual servers.



// Power Management

The power supply for CIs is planned and managed with the „Power Management“. The manufacturer data for the power consumption of the individual devices is assigned to the approximately 30,000 objects contained in the Command CI Library.

In addition, empirical values and real values that originate from measurement logs can be stored in the individual CIs. These values are used for the balance and for the threshold value calculation. Current ports and their interconnection are shown on the device bitmaps.

During the installation of the ultimate consumers, a check is made as to whether adequate free current ports that can handle the power are present in the zone or in the cabinet. Power components, such as fuses, are shown in graphical or tabular form in Command and can, for example, be interconnected with servers or active components using existing functions. This permits the use of the Command signal tracking, for example, to allow a server to determine on which sub-distribution board or low-voltage main distribution board the component is connected. A planning of the distribution boards and connections is also possible. Any non-redundant connections will be detected. The consumed current quantities for a customer are billed by totaling over an area or a cost center.

// Data Center Cockpit

In a „Cockpit“, several rooms can be combined to form a computer center. For each room, a „footprint“ plan can be stored as plan view on which the objects can be positioned. The data concerned with the current consumption, heat dissipation and weight per zone is available in both graphic and tabular form. Set threshold values signal any exceeded limits. A „summary“ (overview) can be shown for the

switch cabinets located in a zone. The planning engineer, for example, can use this representation to determine quickly which cabinets still have sufficient free height units in order to install additional components. Command provides the graphs automatically.

// Search and query functions

Comprehensive search and query possibilities are provided. This allows not only the search to be made for data records in the individual administrative areas using an individual filter, but also export them to Excel.

// File extensions and history

File extensions can be assigned to all objects. The history for all objects can be tracked in a log book.

// System requirements

C base and C line are prerequisites for use of the Data Center Management bundle.

