



Integrated solution for the documentation, planning, and management of complex hybrid IT infrastructures

Digital twin of the entire infrastructure – from physical assets, virtual components, and applications to business services

In-depth insight into the different layers of the infrastructure, with all their dependencies and relationships

## IT Infrastructure Management with the FNT Command Platform

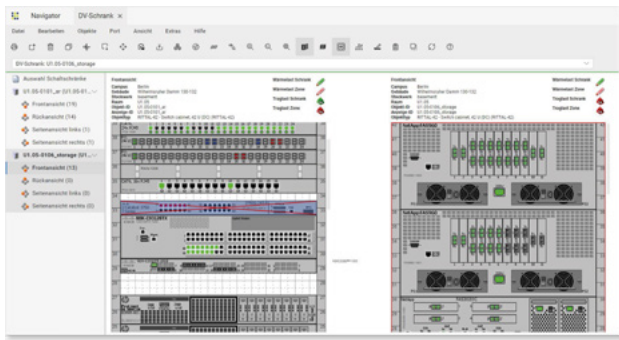
Boost the efficiency of network, hardware, and software management

IT infrastructures in companies across all sectors and in governmental organizations are becoming increasingly extensive, complex, and difficult to manage. Contributing factors include the growing volume of infrastructure components and increasing use of cloud infrastructures to complement on-premise IT systems housed in corporate data centers. At the same time, many companies that had already adopted a cloud-only strategy are shifting to a hybrid workload strategy due to suboptimal cost experiences and significant discrepancies between performance promises and operational reality. A workload-specific case differentiation plays a dominant role in this shift, sometimes leading to so-called cloud repatriation, where certain application operations are moved back to local infrastructure if the cost-benefit ratio is significantly better there. A centralized view of the often hybrid IT infrastructure is required in order to stay in control and ensure efficient management.

### CENTRAL IT INFRASTRUCTURE REPOSITORY

The FNT Command Platform is a professional IT infrastructure management solution that allows you to create a detailed overview of the entire IT, DC, and network infrastructure – from physical assets, virtual components, and applications to business services. The solution not only encompasses the various and diverse components, it also provides a visual depiction of them to enable in-depth and comprehensive insight into the infrastructure.

The solution features a modern variant of the configuration management database (CMDB), which automatically consolidates the content of distributed and specialized databases, shows cross-silo dependencies, and brings everything together to create a single point of truth. This gives you a digital twin of the entire IT infrastructure in a single system: up to the minute, vendor-independent, and without excessive updating effort thanks to its extensive interfaces for bidirectional data exchange with other tools.

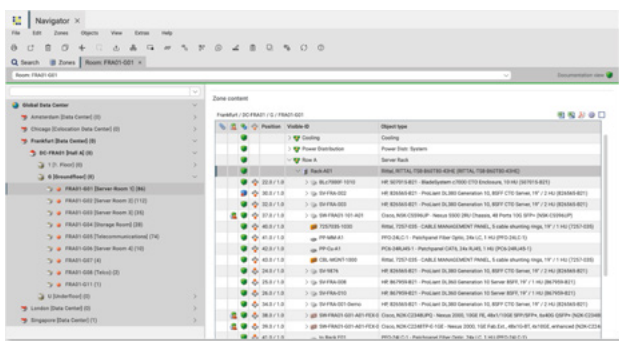


Racks, including the devices within them, are shown in a photo-realistic display and can be managed interactively

## Key functions in detail

### SIMPLE INFRASTRUCTURE CAPTURE

Predefined device types mean that infrastructure components can be added to the database and managed quickly. These device types are provided by FNT as photo-realistic depictions in a central component library, which is continuously updated. The library currently contains over 75,000 predefined devices from many different vendors. Detailed technical information is also provided for all devices, together with details of ports, connector/plug type, and cable type. For the purposes of planning and resource management, further information, such as the required rack units, weight, nominal power consumption, and thermal performance, is also included for the relevant devices. Cable types and connectors likewise form part of the master data. Together with automated plausibility checks, this allows efficient design and planning of cable connections.



Comprehensive IT asset management and CMDB functions, including localization, responsibilities, and lifecycle and contract management

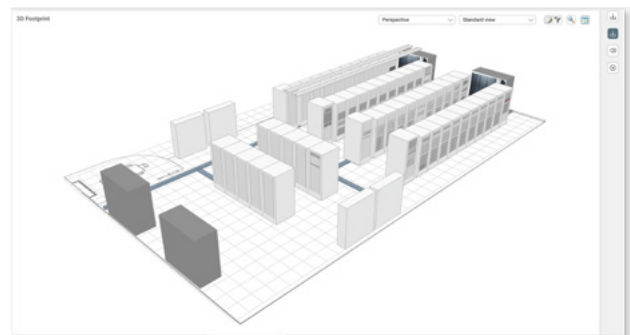
### CHANGE PLANNING

To enable targeted management of changes to the infrastructure, FNT Command offers a comprehensive planning function that allows efficient recording and management of move, add, and change processes. The system supports not only physical objects but also the planning of logical objects, such as services. Planned

## EASIER INFRASTRUCTURE PLANNING, DOCUMENTING AND ENHANCED MANAGEMENT

The FNT Command Platform additionally contains many modern management functions, from analysis and visualization to planning and process management. These all help to manage highly complex IT infrastructures, rectify faults faster, and manage transformations and changes more efficiently.

objects are presented differently from existing objects for better visibility. A logging function makes it easy to track implemented changes and expansion tasks in the various FNT Command modules. In conjunction with end-to-end process management, this forms the basis for controlled change processes.



A virtual interactive 3D walkthrough as a digital twin of the data center

### INTEGRATED PROCESS MANAGEMENT

Integrated process management helps to efficiently manage and monitor the execution of changes to the infrastructure (i.e., provisioning, change, and cancellation processes) by means of flexible workflows. Changes planned in FNT Command can be easily forwarded to internal or external work teams as detailed work orders. Technicians mark the task as complete once the work has been done, thus directly documenting the current status in the FNT infrastructure repository. This not only makes workflows more efficient and reduces the possibility for error, it also ensures that all changes are always recorded accurately in the infrastructure repository.

Predefined analytical views on work orders, executing teams, and service providers help in identifying and resolving bottlenecks, monitoring quality, and, last but not least, controlling invoiced services.

## ANALYSIS, VISUALIZATION, AND REPORTING

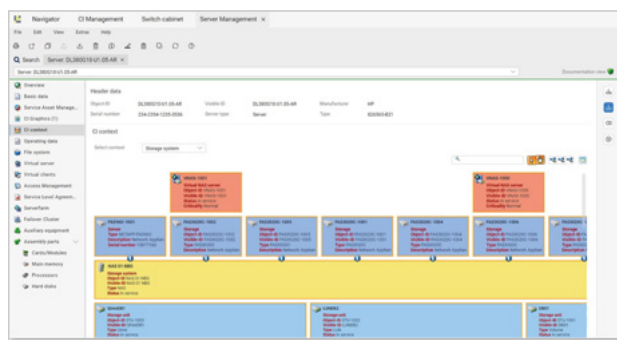
Tailored database queries allow targeted analysis of the available information by means of predefined reports that can be exported to Excel, among other options. To enable you to make quicker and better decisions based on the data, a powerful modern business intelligence component visualizes the data in the form of interactive dashboards. To provide better insights, the documented infrastructure data can be analyzed, visualized, and evaluated in a number of different ways. Various graphical representations make it possible to easily identify relationships within the infrastructure at a glance. Each individual component can also be visualized graphically. A range of different functions are available for data analysis.



A GIS application provides transparency into assets and resources in cable networks: infrastructure objects are not only shown georeferenced on maps, the details go down to the level of floors and rooms

## DOCUMENTATION AND PLANNING OF MODERN SERVER LANDSCAPES

Hybrid server and storage infrastructure can be documented, planned, and managed in its entirety. Alongside physical and virtual server systems, the solution also supports storage and memory systems as well as distributed systems. Objects are documented in their respective contexts rather than as individual components, which enables easy tracking in the event of a fault. In addition, accessories, such as contracts, people, and maintenance windows, can be allocated to individual servers.



The entire server landscape at a glance – from physical to virtual

## CLOUD INFRASTRUCTURE MANAGEMENT

Companies are increasingly relying on hybrid IT infrastructures that consist of traditional infrastructures in on-premise data centers combined with private and public clouds. The FNT Command Platform provides a centralized overview of all systems, documenting and managing not only the infrastructure elements in your own data center but also the cloud infrastructure elements of other providers.

## MANAGING PHYSICAL AND LOGICAL NETWORK STRUCTURES

The solution includes extensive functions for provider, independent management, planning, and analysis of physical network structures, such as wide area networks (WAN), including their cabling, traffic classes, and services. Integrated IP management means that IT organizations can stay on top of extensive network structures through transparent management of IP networks and IP addresses (IPv4 and IPv6). It also enables users to document IP network dependencies in an integrated system that allows efficient and proactive management of IP networks and assignment of IP addresses. Furthermore, VLANs and WLANs can also be managed right up to the customer and service level. Comprehensive documentation and planning of network and service resources for all wired and wireless network technologies is also included in the solution.

## END DEVICE MANAGEMENT

Modern asset and configuration management of workplace infrastructure allows users to holistically plan, implement, and operate modern infrastructures for the workplace. This enables companies to achieve greater operational efficiency because all workplace elements from notebooks to PCs/NCs, virtualized desktops, installed software, and the usual peripherals, such as monitors, printers etc., are documented and managed.

## LICENSE AND CONTRACT MANAGEMENT

The software assets used within the organization can be centrally planned, documented, and managed using FNT Command. All the software products, software installations, applications, and instances in use or planned, together with the associated licenses, relationships, service contracts (SLA, TER, QoS), and other information, are clearly recorded in a central system. Integrated reporting provides a range of analytical insights into the software deployed by the organization as well as being an important tool for license audits.

## RETURN ON INVESTMENT (ROI)

A survey by Research In Action demonstrated a whopping 326% ROI when the FNT Command Platform is used. The survey examined the specific productivity boosts and cost savings that 28 companies achieved by deploying the FNT Command Platform. The key findings were calculated on the basis of a sample company with more than 23,000 employees, 1-3 substantial data centers, and more than 17,000 central IT assets:

- **Investment:** € 510,000
- **Benefit:** € 2.17 million after three years
- **Return on investment (ROI):** 326 percent

## FURTHER SOLUTION HIGHLIGHTS

- **Open standard interfaces** to all relevant third-party systems for continuous exchange of data and high data currency
- **Modern, web-based software interface** and special mobile app for easy, anywhere access to the software
- **Flexible roles and rights concept** allows highly granular assignment of user authorizations
- **Cloud-ready software solution** is also available as a SaaS model
- **Modular structure** allows expansion to include other functionalities or infrastructure areas

## BENEFITS OF IT INFRASTRUCTURE MANAGEMENT FROM FNT

- **Better and faster decisions** thanks to complete transparency into the entire IT infrastructure
- **Shorter outages** because faults and problems can be localized more quickly when all the relationships and dependencies are known
- **More efficient management of complex IT infrastructures** with modern management, planning, and workflow functions
- **Cost and time savings** on maintaining IT documentation with almost unlimited possibilities for integration with surrounding systems via interfaces
- **Higher customer satisfaction** thanks to optimized IT infrastructure performance
- **Increased IT sustainability** because existing resources can be better utilized due to improved transparency
- **More efficient audits and certification processes** due to infrastructure data always being complete and up to date
- **Basis for increased IT security** thanks to a complete overview of all critical components

- **Payback period:** < 18 months