



- Real estate
- CI library
- Administration
- Planning
- Mandator capability
- Object management
- Asset management
- Accessory management
- Lifecycle management
- File attachments



// FNT Command C base

The Base Module of FNT Command for Integrated
Asset, Infrastructure, and Service Management

Modern infrastructures are in a constant state of flux. Continuous expansion and upgrading creates hybrid environments in which new technologies coexist with legacy systems. Overcoming this complexity and delivering reliable, high-quality services for IT, telecommunications, and data center applications is impossible without a complete overview of the entire system landscape. Consistent, up-to-date, and easily accessible data is vital for informed decisions on deployment of resources and capacities as part of efficient infrastructure management.

FNT Command delivers that transparency through an integrated data model that can replicate all description levels in a single database – from the underlying physical layer through the applications to the business services. As an integrated service and infrastructure management system, it supports all tasks from documentation and management through to planning and analysis. The C base module is the fundamental component

in this multi-mandator package and contains all the core user and admin functions in FNT Command. With its cutting-edge architecture, this Web-based software, which is available in English, French, German, and Russian, offers easy access to the entire system landscape.

CI Library

The integrated library contains over 50,000 IT and telecommunications components. All configuration items (CIs) are stored with their respective master and configuration data in accordance with the latest standard. The components are documented along with the plausibility checks specified by the manufacturer and can be applied as composite components that accurately represent actual infrastructure, thereby simplifying the documentation process. The CI library also includes all commonly used types of cable. Customer-specific components can be added on request for easier and more convenient management.

User Interface

The user interface is intuitive to use and can be adapted to individual requirements. It is possible to toggle between different views and add frequently used modules to the favorites bar.

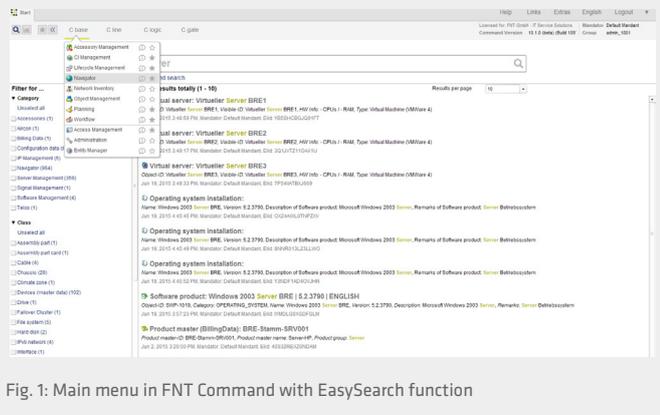


Fig. 1: Main menu in FNT Command with EasySearch function

The global EasySearch function is an integral part of the start page. With access to the entire repository as well as all modules, you can run targeted searches that cover all data sources, e.g., CI classes, master data, and file attachments as well as 3D footprint, metaschema, and Net Spider module data. For easier and more efficient navigation, the individual search results can be opened directly in the corresponding module.

Planning

A controlled change process is an essential requirement for targeted management of infrastructure changes. In FNT Command, all database elements are classed as “current” or “planned” and differentiated by means of icons and color coding. Using the planning function, it is possible to document and manage all installation, modification, and expansion measures in the FNT Command modules. This covers both physical and logical objects, e.g., services.

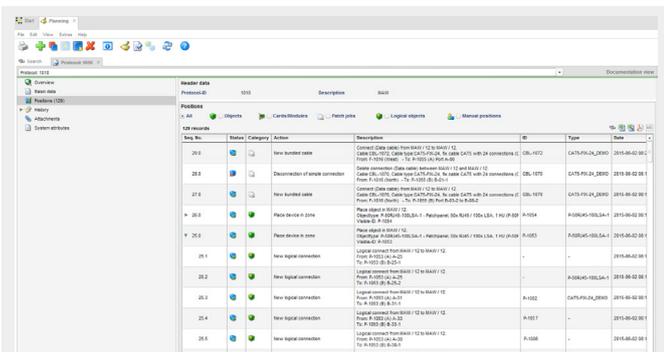


Fig. 2: Details of a planned patch cable installation

A log function with high-end search provides effective tracking of all implemented measures. The planning functionality is also the basis for work instructions and orders.

Real Estate

All activities relating to the creation and management of real estate documentation are managed and processed in the Navigator module, with properties being structured hierarchically with father-son relationships. This zone-based structuring provides the logical framework for allocation of objects while also serving as the basis for all subsequent project steps.

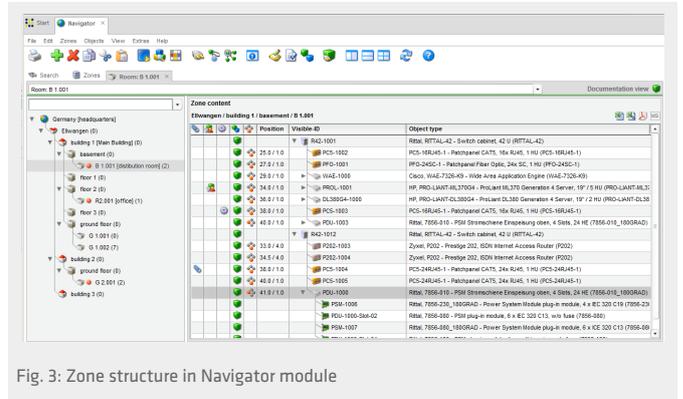


Fig. 3: Zone structure in Navigator module

In the default configuration, the “top zones” are the uppermost hierarchical levels of the respective property, followed by campus, building, floor, and room. The structure and number of zones can be configured to match actual conditions in the respective company. The zones can be linked, either within the same hierarchical layer or to multiple layers below, to create superordinate structures (e.g., state, county) or to limit user access to specific admin areas. In the individual zones, the inventory is represented by objects (CIs) that are assigned to the respective location. It is also possible to create detailed attributes as well as additional information, e.g., room plans and equipment inventories, for individual zones, thereby allowing all data to be managed and structured in a single centralized system.

Accessory Management

The Accessory Management module makes it easy to document internal structures by offering simplified and centralized management and structuring of all contract and personal data as well as additional information on objects and service

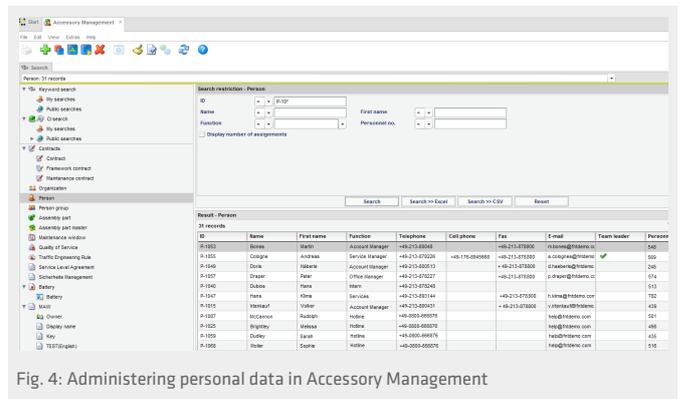


Fig. 4: Administering personal data in Accessory Management

agreements (SLAs, TER, QoS). Each CI can be provided with these descriptive attributes in order to document the logical connections between individuals, groups, and organizations as well as the corresponding contracts and components. These enterprise-wide dependencies and relationships can then be extracted centrally from the database for analysis.

CI Management

The CI Management module enables users to run configurable keyword searches. Existing database relationships can be evaluated graphically for every CI in the database. All relationships across all CI classes can be presented, making it easy to understand the links and dependencies between individual CIs and neighboring objects, such as devices or services.

Lifecycle Management

With the Lifecycle Management module, it is possible to record every change in the database throughout the entire lifecycle of an object. The History function documents a range of parameters, i.e., location, attributes, links, users, and type of change, for every CI. This information can then be evaluated for one or more CIs using the comprehensive reporting function. The Lifecycle Management module also provides the option of manually storing external events, e.g., incidents, changes, or system states, or capturing them via interfaces.

Object Management

The predefined search form in the Object Management module enables users to run focused database searches without needing programming skills. Search conditions can be entered down to the field level and linked using operators. It is also possible to create and save predefined reports to cover common scenarios. Search results are displayed in tabular form and individual records can be accessed directly for processing. Results tables can be exported (xls, csv) and printed, while individual records can be selected and opened in the corresponding modules.

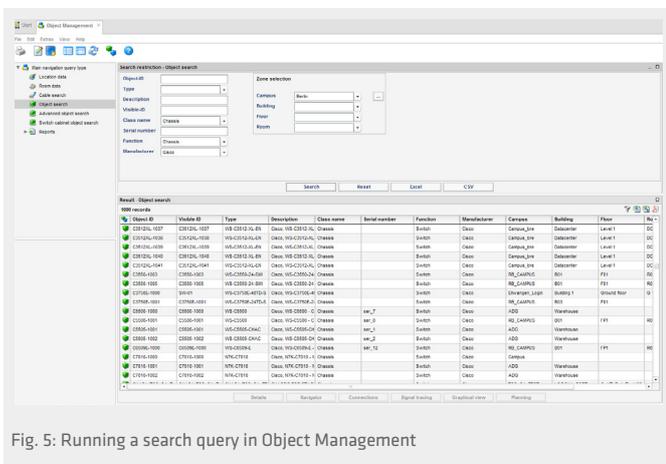


Fig. 5: Running a search query in Object Management

Access Management

The Access Management module enables definition of the specific rights and permissions assigned to individual users and groups.

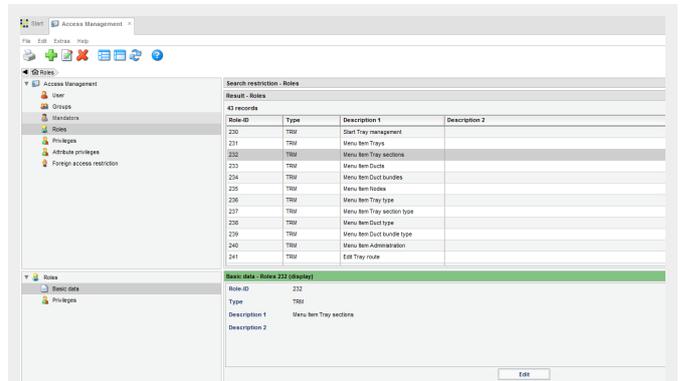


Fig. 6: Definition of user roles in Access Management

In FNT Command, there is a fundamental distinction between "role" and "mandatory." The latter is used to describe the ownership of an object in the database. A role, on the other hand, defines the functions available to a user or group. A user profile consists of a role component and a mandatory component, which means it can be configured to accurately replicate actual structures within the enterprise. For added convenience, a range of predefined roles and privileges are included.

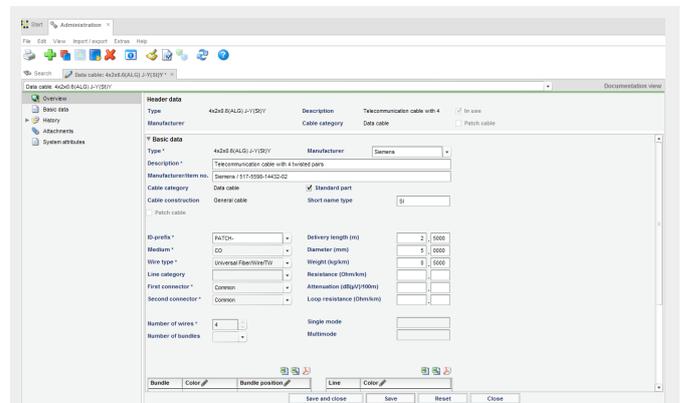


Fig. 7: Administration of basic data

Administration

The Administration module allows centralized management of all master data (devices, switch cabinets, cables, etc.), coaxial data, database jobs, data dictionaries, display attributes, sessions, objects from other systems, icons, and file attachments as well as the importing of master and configuration data. The user interface and icons can be customized to allow the use of enterprise-specific data directories and display data.

Entity Manager

The Entity Manager module is used to model entities defined as information objects in the database and provide them with dynamic attributes. Text or numerical values can be added as attributes and individually configured, as can more complex fields, such as checkboxes, e-mail addresses, and IP addresses. It is also possible to define and publish relationships with other entities. With the version of Entity Manager in FNT Command C base, you can also extend dynamic attributes and place them on the entity template, which can then be made available to the user.

File Attachments

Efficient CI management requires not only comprehensive documentation but also fast access to additional information, such as maintenance contracts, room plans, location images, measured data, and much more. To enable this, it is possible to attach files to all database objects and assign them to a specific area or record. As well as being able to attach multiple files to individual objects, links to external documents can be added.

Asset Management

The Asset Management module is used to manage configuration items and the associated type-specific additional information. CIs can be manipulated (placed, moved, deleted) using this function. CIs can be assigned to a property, person, contract, etc., and are therefore available in the CI browser in other modules.

Data Import

The data import function provides standard formats (e.g., MS Excel) for the creation of database objects and has a dedicated user interface for basic import tasks. Integrated test routines ensure the integrity of all input data.

(extract, transform, load) functionality to import large volumes of data with manual approval or using predefined rules. Log data is recorded when importing the data. There is also a test import function, which is an efficient means of preventing errors. In addition, each import is individually logged to simplify the tracking of interface operations.

System Requirements

FNT Command C base is a prerequisite for all FNT Command modules.

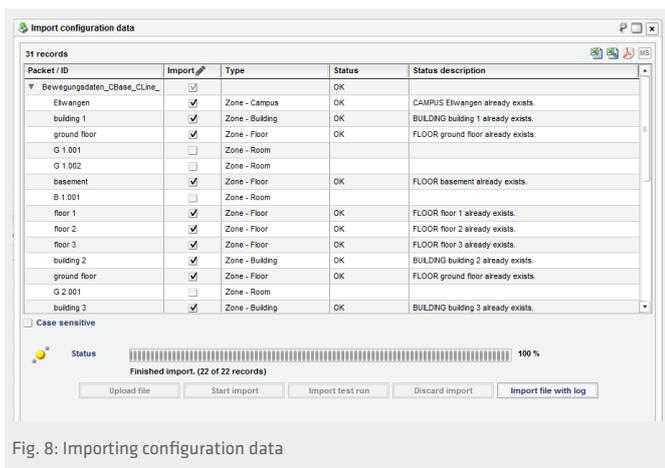


Fig. 8: Importing configuration data

If more complex tasks and interfaces are required in order to carry out target/actual comparisons with existing database content during the import process, FNT offers a dedicated and proprietary software tool, FNT Staging Area, which provides ETL