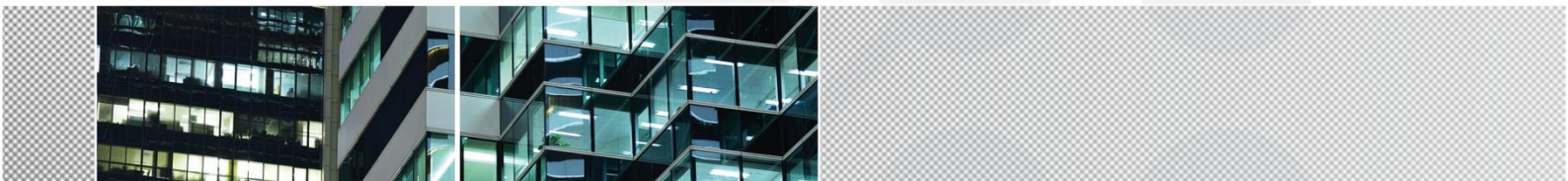
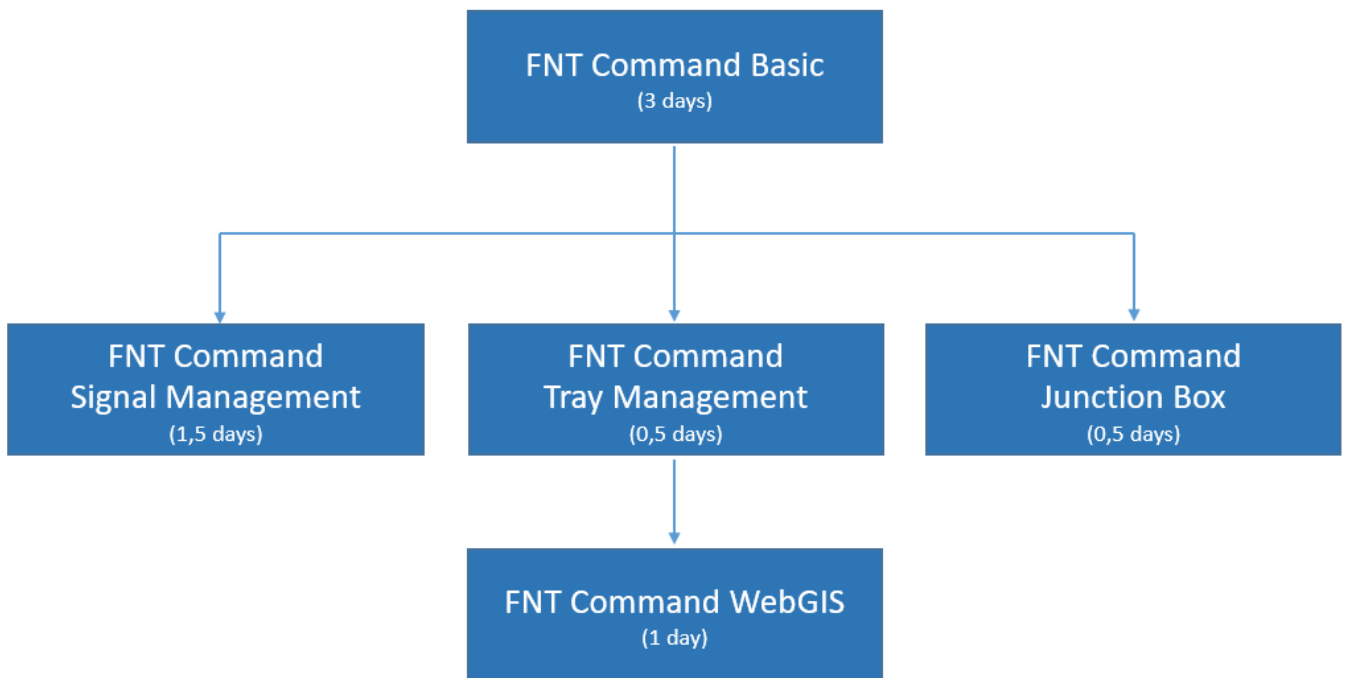


Training Path FNT Cable Management



Training Path: FNT Cable Management



FNT Command Basic

The handling of the CI library (component library, e.g. distribution cabinets, assembly units, device and cable types, and the management of the real estate constitute the focal area of this course. The course participant learns practice-oriented the form of the physical infrastructure, the cabling of the CIs (components), and the schematic representation of the cable connections. The realistic representation of the components supports the participant and so greatly simplifies the equipping of the switch cabinets. Because all elements in the database can be called as ACTUAL or PLAN instance, individual training exercises further support these procedures. The wide range of report possibilities provide information for an efficient management of the IT components.

Content overview:

- Real estate – structure of a zone structure over the levels Campus, Building, Floor and Room, as well as the Topzones
- CI Library – structure and use of the component library
- Configuring the individual CIs, adding file attachments, forming logical groupings, links to accessories
- Management of switch cabinets with objects from the CI Library
- Assembly unit management
- Object management – search conditions, linked queries, data export
- Cabling
- Creation of logical connections for devices and directors via the Connection Matrix
- Output of assignment lists and signal tracing, graphical representation via the Net Spider program section
- Inventory management with warehouse management and inventORIZATION
- Creation of work instructions (mounting orders, patch and relocation lists) via the Planning program section

Course duration:

- 3 days

FNT Command Signal Management

Prerequisite: FNT Command Basic

The various transmission technologies with signal paths and services are represented in the Signal Management module. Services can be managed manually. In addition, the phone number management provided for phone services allows the services to be managed easily. The comprehensive management of services also includes the acquisition and management of routes (signal paths), device data (e.g. phones, PCs, active components) and personal data (users). The routing functions allow the associated routes to be documented quickly and easily as a service.

Content overview:

- Management of the service types, E164 definition and persons in the Signal Management Administration.
- Creation and management of services
- Planning services
- Creation and management of signal paths
- Planning signal paths
- Creation and management of phone numbers and phone number blocks in the phone number management.
- Interconnection of physical and logical routes via the routing functions (manually or with autorouting)
- Querying data using reports

Course duration:

- 1.5 days

FNT Command Tray Management

Prerequisite: FNT Command Basic

In the FNT Command Tray Management course you learn how to represent a tray route that leads over nodes (e.g. shafts). The individual steps for creating and connecting nodes are explained using a practical example. The assignment of cables is also explained in the course.

Content overview:

- Introduction to an integrated practical example
- Definition of the properties of nodes
- Creating a node
- Editing nodes in the Shaft editor
- Assignment of an object to a node
- Creating a tray segment
- Creating a duct between the nodes
- Placing a new cable at two patch panels
- Assignment of a cable to a tray route

Course duration:

- 0.5 days

FNT Command WebGIS

Prerequisite: FNT Command Basic

In the FNT Command WebGIS course you learn how addresses, and the infrastructure of nodes (shafts, distributor location) and trays can be created and edited on digital maps. Cables are assigned to the trays, whereby the tray structure serves as basis for the cable routing representation. In particular, the close interaction of Tray Management and WebGIS must be considered. Cable routes are so not only represented schematically in network plans, but also shown true-to-scale directly in digital maps. The visualization of the tray routes is made in the WebGIS Interface.

Content overview:

- Digitizing addresses, nodes, trays and tray routes on a map
- Assigning cables to the digitized tray routes
- Structure of the tray management (node, segment, duct)
- Representing documented cable routes on the map

Course duration:

- 1 day

FNT Command Junction Box

Prerequisite: FNT Command Basic

You are confronted with the challenge to represent the associated junction boxes with internal interconnection appropriately in your transmission network, in order in future to provide at anytime information about the position of the junction box and about the detailed, realistic interconnection.

In the FNT Command Junction Box course, you learn how junction boxes are represented realistically on an existing transmission network. You learn all details for the internal interconnection of cables in junction boxes. The output of the internal interconnection of junction boxes is also a core topic of the course.

Content overview:

- Placing junction boxes
- Looping-in cables into a junction box
- Separating (cutting) cables in junction boxes
- Internal interconnection (splicing) in junction boxes
- Displaying cable capacity utilization
- Placing FIST junction boxes
- Placing splice cassettes in FIST junction boxes
- Looping-in cables into FIST junction boxes
- Separating (cutting) cables in FIST junction boxes
- Internal interconnection (splicing) in FIST junction boxes
- Output of the interconnection of a junction box

Optional topics:

- Planning new junction boxes
- Planning reswitchings in junction boxes
- Representation of junction boxes in the Net Spider
- Automatic alignment of junction boxes using coordinates with the help of shafts

Course duration:

- 0.5 days

General Terms and Conditions for Trainings Conducted by FNT GmbH

1. Scope of Application of the GTC / Severability Clause / Electronic Commerce

1.1. The following terms and conditions ("GTC") shall apply to all - including future - contracts regarding the participation in trainings conducted online, on-site at the customer's premises, or in-house at FNT (hereinafter referred to as "training/s") initiated and / or concluded between FNT and a company within the meaning of § 14 BGB (German Civil Code) (hereinafter "customer").

The general terms and conditions of the customer are objected to. FNT conducts trainings subject to the validity of the present GTC only.

1.2. Should a provision of the present GTC be or become ineffective or inexecutable, then this shall not affect the validity of the remaining GTC. § 312i (1) paragraph 1, 2 and 3 BGB, which impose additional obligations upon FNT regarding contracts in electronic commerce, shall be excluded.

2. Registration and Acknowledgement of Registration

Registrations must be made in text form. The customer shall be bound to this registration for 21 days. FNT shall acknowledge the customer's participation in the training as soon as possible or refuse it if there are no vacancies.

3. Cancellations

3.1. If a training event is conducted exclusively for one customer (on-site at the customer's premises or in-house at FNT), and

- if the training date agreed upon is canceled by the customer up to 28 days before the beginning of the training, then the customer shall pay, against the provision of receipts, only the cost already incurred that cannot be cancelled, for example, for room rental or travel expenses, provided that the customer and FNT agree on a

new training date within the next 6 months after the canceled date. If this does not happen, then FNT shall have the right to withdraw from the training contract and claim as damage a lump sum of 20% of the training fees, including ancillary costs;

- if the training date agreed upon is canceled by the customer up to 27 days or less before the beginning of the training, then the customer shall pay, against the provision of receipts, only the cost already incurred that cannot be cancelled, for example, for room rental or travel expenses, provided that the customer and FNT agree on a new training date within the next 6 months after the canceled date. If this does not happen, then FNT shall have the right to withdraw from the training contract and claim as damage a lump sum of 90% of the training fees, including ancillary costs;

If a training event is conducted for several customers (on-site at the customer's premises or in-house at FNT), then the customer can

- withdraw from the training contract free of charge up to 28 days before the beginning of the training;
- withdraw from the training contract 27 or 14 days before the beginning of the training. However, the customer shall then be obliged to pay 50% of the training fee as lump sum damage compensation to FNT;
- withdraw from the training contract 13 days or less before the beginning of the training. However, the customer shall then be obliged to pay 100% of the training fee as lump sum damage compensation to FNT;

3.2. FNT shall be entitled to cancel a training event in text form until at most 10 calendar days before commencement. FNT shall offer the customer an alternative event. The customer shall not be entitled to any further claims.

4. Prices / Terms of Payment

4.1. The prices of the respective price list valid at the registration date for online, on-site or in-house training shall apply.

Prices for in-house training events at FNT shall include the use of the technical facilities and systems, as well as soft drinks and lunch. Travel, accommodation and other subsistence costs of the participants shall be borne by the customer.

In the case of on-site training events at the customer's premises, the customer shall provide the room facilities and meals for the participants and the trainer at the customer's expense. FNT shall be reimbursed by the customer for the travel expenses incurred for the trainer at cost.

4.2. After commencement of the training, FNT shall issue an invoice which is due immediately without deduction.

5. Training Location

If no on-line or on-site training at the customer's premises has been arranged, then the training event shall take place in the rooms of FNT.

6. Liability

6.1 Liability by FNT for damage caused by simple negligence shall be excluded, unless damage to life, limb or health or the breach of essential contractual obligations is at issue.

6.2 In the event of simple negligence, FNT shall be liable for breach of essential contractual obligations limited to the damage foreseeable at the time of conclusion of the contract, up to a maximum of € 1,000,000.

6.3 Liability under the Product Liability Act shall remain unaffected.

6.4 In all other cases, FNT's liability shall be unlimited unless a maximum liability is stipulated by law.

7. Data Protection

Upon the conclusion of a training contract, FNT shall process the following personal data:

name, address, e-mail address and telephone number of the customer,

name, e-mail address and telephone number of the authorized representing bodies of the customer and the employees sent by the customer for training.

FNT shall process this data to the extent necessary for the implementation of the training contract, including obtaining bank and credit report information for a credit check of the customer, issuing an invoice and carrying out dunning and collection measures. The data shall be deleted automatically when the tax retention periods applicable to that data have expired.

8. Set-Off, Right of Retention

The customer shall only be entitled to offset or assert a right of retention where a claim is undisputed or has been legally established.

9. Applicable Law, Jurisdiction

The legal relationships between the customer and FNT shall be subject to German Law while excluding the United Nations Convention on Contracts for the International Sale of Goods (CISG).

The exclusive place of jurisdiction for any disputes between the parties arising from or on the occasion of a training event shall be Ellwangen (Jagst), unless a different place of jurisdiction is necessarily prescribed by law.

Imprint



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