

FNT Software - We Simplify Complexity

We have been simplifying the management of digital infrastructures of all sizes with our software for more than 30 years.

// simplify complexity



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Foreword

Digital infrastructures are the lifelines of the modern economy. Without functioning digital connections, fast computers and the Internet, our professional and private lives would be hard to imagine.

In order for everything to function smoothly in the digitalized world, a precise interplay between people, technology and knowledge is needed – along with solutions that efficiently manage and control increasingly complex infrastructures. This is where FNT comes into play. We have been simplifying the management of digital infrastructures of all sizes with our software for more than 30 years. We can proudly say that our software is used by over 500 companies and authorities worldwide, including more than half of the companies listed on the DAX 40.

In order for everything to function smoothly in the digitalized world, a precise interplay between people, technology and knowledge is needed.

Digital infrastructure refers to hardware and software that enables digital services and network-based business models. It is the basis for digital transformation and digitalization in the knowledge society. A high-performance digital infrastructure is important for the competitiveness of business and science. Digital infrastructure components include, but are not limited to, fiber optic networks, mobile networks, Internet exchanges, servers, routers, switches, hosting, cloud computing, public Wi-Fi, IP addresses, and the Domain Name System (DNS).

(Source: Wikipedia)

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With each technological advancement, the complexity of how to manage it increases.

About us

From Copper Cable to Hybrid Cloud

Our story begins in the early 90s with the advent of telephone and computer technology and networks in companies. When FNT (Facility Network Technology) was founded in 1994, our goal was to make cable connections visible – and therefore more manageable – in buildings of all sizes. Computer-aided design (CAD) technology made its way into IT departments. Soon, however, it wasn't just about cables. Active network components such as switches and routers also had to be managed – as did telecommunications systems, servers, applications and services. These elements needed to be managed in the data center and throughout the entire organization. With the increased use of the Internet, long-distance cable networks became increasingly important and copper lines began to be replaced by fiber optics. Today, it's all about networks and connectivity, from laying fiber to buildings to rolling out 5G / 6G and managing hybrid infrastructures in the cloud. With each technological advancement, the complexity of how to manage it increases.

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Our Goal: Simplifying Complexity

FNT Software's mission is to simplify the management of highly complex digital infrastructures for companies and government agencies. FNT Command Platform is our software solution that enables the efficient management of IT, telecommunications, and data center infrastructures as a digital twin. It manages the physical level (i.e., cabling, switches, servers), virtual components and applications, and services – regardless of manufacturer and in a uniform data model.

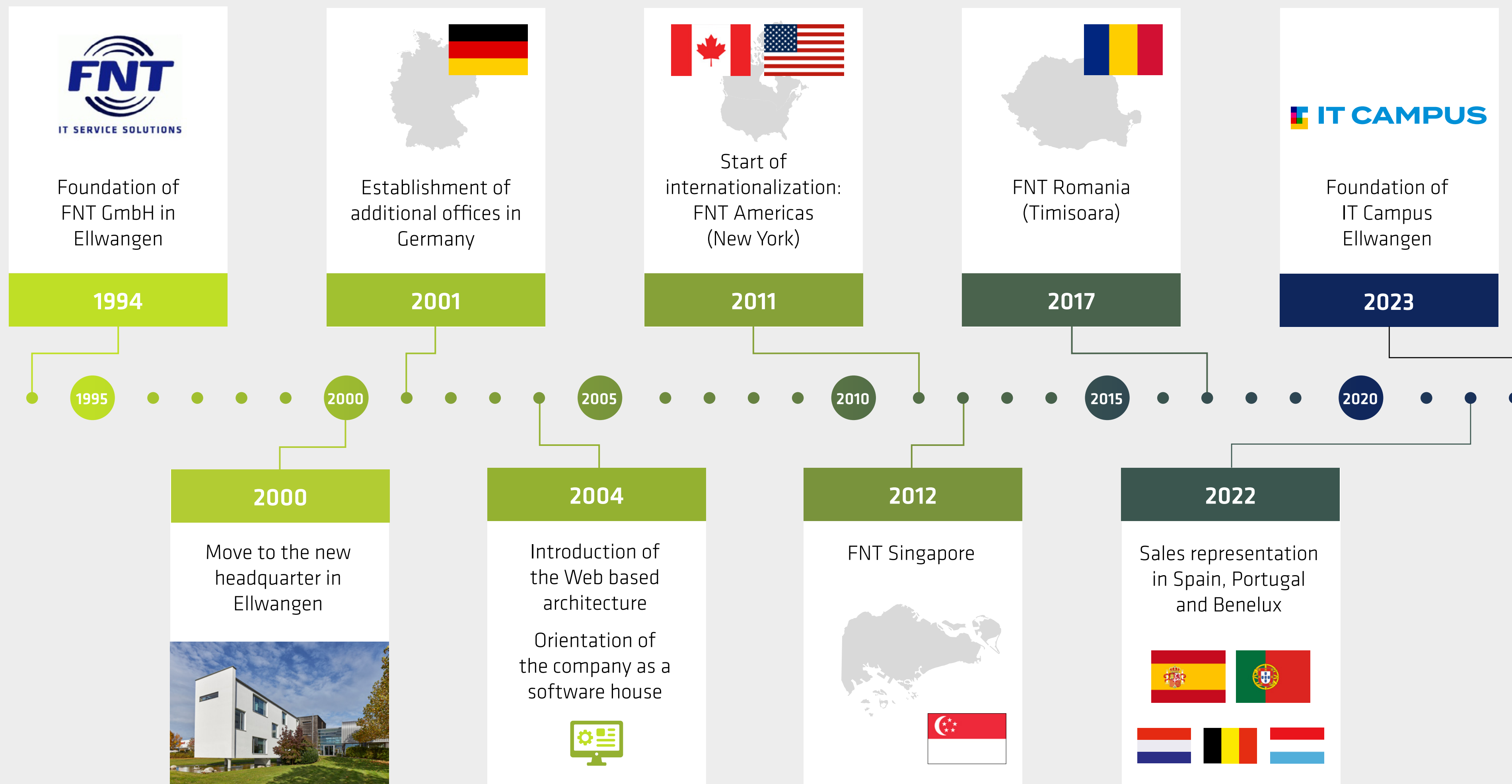
We help organizations plan and manage their IT landscape more easily, restore disruptions faster, implement transformations and changes more efficiently, and make optimal use of resources. As a result, productivity, cost and sustainability goals can be achieved in less time.

Headquartered in Ellwangen, Germany, and offices in Europe, America, and Asia, FNT Software employs more than 300 people and has a global network of partners. Our customers come from a wide range of industries, including telecommunications providers, utilities, financial services, automakers, airports and government agencies. We are certified according to TISAX, ISO 9001 and ISO 27001 and guarantee the highest quality and safety of our products and services “Made in Germany”.



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Milestones in the development of FNT



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What really defines us

1 We love simplifying complexity

For decades, we have been working closely with our customers to make their complex infrastructures more manageable. We understand the challenges in telecommunications, data centers, factories, and office buildings. Our software solution is based on this experience and simplifies the daily work of IT and network managers. We love to penetrate multi-layered challenges and find solutions that are as simple as possible.



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2 We have a passion for infrastructures

Digital infrastructures are great, but are not without their challenges. The most common challenge is their sprawling scope, which makes their boundaries hard to define and therefore extremely difficult to keep track of. Tools equivalent to maps, navigation systems, and satellites are needed to manage them. Like bones in a body, a digital infrastructure forms an invisible frame. Its conduits are akin to the body's neural pathways and are the foundation of the digital economy. Our software enables organizations to not only document these digital "lifelines" down to the smallest detail, but also to visualize, analyze, and manage them more easily.



4 We know that documentation is not an end in itself

Documenting infrastructures can be very time-consuming, so the value-add realized must justify the effort. Our solution includes numerous management functions, including planning, analysis, and processing tools, as well as options for automated data maintenance and integration. It provides an always up-to-date digital image of the infrastructure, creating a solid basis that is accessible to groups and other systems and applications throughout the company. And, because the value delivered is tangible, long-term acceptance by users of the system is high.

3 We understand what really matters when it comes to infrastructure management

Digital IT infrastructures are made up of a variety of components that have numerous dependencies, some of which are hard to recognize. Elements are constantly being added or replaced. In this dynamic environment, it is a challenge to keep track of everything. That's where FNT Software comes in. We create the much-needed visibility that enables infrastructure leaders to make more informed decisions and optimize their processes to ultimately operate a more reliable infrastructure at a lower cost.

Documenting digital infrastructures with the FNT solution provides measurable value to a company and its customers.

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5

We make sure that documentation is not static

A customer once said, “Documentation must live! It’s the starting and ending point of every change and should always be up to date.” We couldn’t agree more. Our solution ensures data accuracy with numerous functions and interfaces, including an open API. We make sure data from different systems – including all dependencies – can be merged into a single point of truth database and kept current.

“Documentation must live! It’s the starting and ending point of every change and should always be up to date.”



6

We listen to our users

Our software simplifies daily work and has become indispensable for many of our customers. It’s important to us that our software continues to meet the needs of our users, so we work closely with them as we further develop our solutions. We meet with them annually at our FNT UserDays conference where we discuss their challenges and improvement requests. Our user association, the FNT User Group, facilitates ongoing exchanges between our developers and customers. These productive forums ensure our software continues to evolve with our customers’ changing requirements.

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7 We value our people

We recognize the central role our employees play in our success. We wouldn't be able to deliver quality products and services without them. That's why we put a lot of emphasis on professional development. We make sure they have the skills to understand customer needs and the ability to develop and implement our software accordingly. Our work environment fosters collaboration and creativity, and we support diversity and encourage individual learning and development opportunities. Respectful interaction and open communication across all levels are the norm at FNT.

8 We extend our reach with a global partner network

Our global partner network is strong and growing. Our partners are an integral part of our approach to reach and service customers worldwide. Region, reliability and compatibility are key selection criteria. We work especially close with technology partners to leverage the compatibility between our solutions to extend the functionality of our software.

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9

We make our software as easy to use as possible

Our cloud-ready software can be used out of the box to manage telecommunications networks and data centers, even in hybrid environments. It's based on the latest web technology (HTML5) and can quickly be deployed as a pre-configured solution in any company.



With FNT software, IT processes and workflows can be further optimized and new (digital) services can be delivered more efficiently and automatically.

10

We want to have the best software on the market for managing digital infrastructures

Our software offers extensive documentation functions and a catalog of over 80,000 predefined IT and network components, which we are continuously developing. In addition, it has a standardized toolkit of management functions and tools. This makes it even easier to integrate data from other systems, create reports faster, optimize IT processes and workflows, and provide new (digital) services more efficiently.

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Features of the FNT solution include:

Infrastructure as a “Digital Twin”

FNT solutions document all physical, logical, and virtual assets, services and resources, as well as cross-silo dependencies, and merges them into a single point of truth. This gives you a digital twin of the entire infrastructure in a single system, laying the foundation today for tomorrow’s more efficient infrastructure management.

Integrated planning and design

The planning function turns documentation into an efficient management tool. It enables the complete and graphically supported planning of all changes to an infrastructure based on the current state. With the integrated design tool, IT product and service catalogs can be fully modeled and structured.

Integrate into existing IT landscapes

FNT Command has extensive interfaces for easy bi-directional data exchange with other applications, such as ERP, auto-discovery, monitoring or virtualization solutions. Thanks to the open API, users can set up and perform data import, export and synchronization with proprietary systems themselves in the FNT StagingArea.



Analysis and visualization

The data collected in our software can be analyzed and visualized in a variety of ways. In addition to comprehensive reports and dashboards, the tool offers 2D and 3D views and georeferenced and schematic network views. Users can walk through locations virtually, zoom in on details to almost any depth, and follow signal paths in up-to-date and detailed maps.

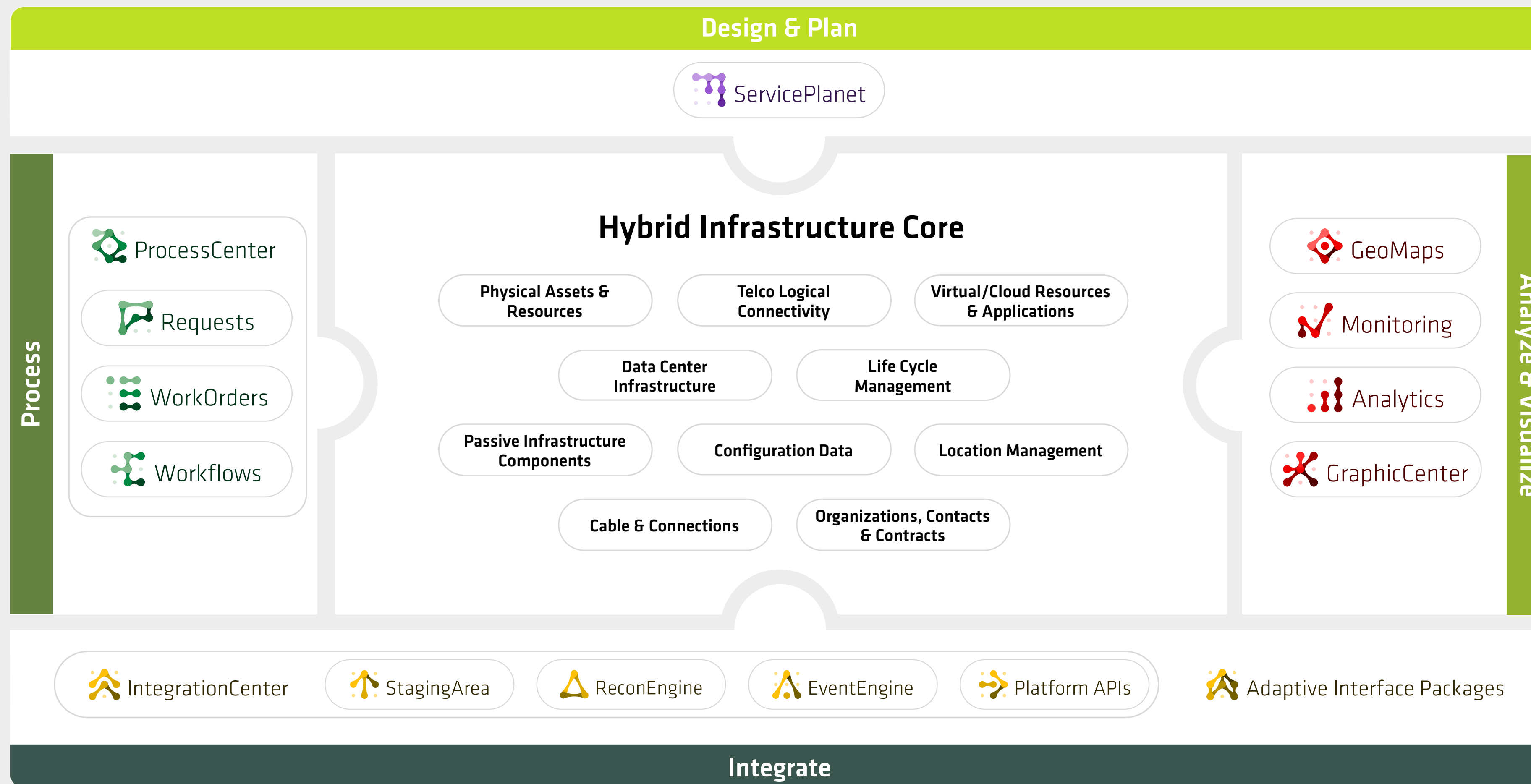
Tool-based control of change processes

With FNT ProcessCenter, you can create your own workflows and convert change requests into detailed work orders for service providers or internal technical teams, as well as monitor their execution. The detailed information from the planning function helps to implement orders quickly and without errors, and to immediately transfer them to the documentation as the new current state.

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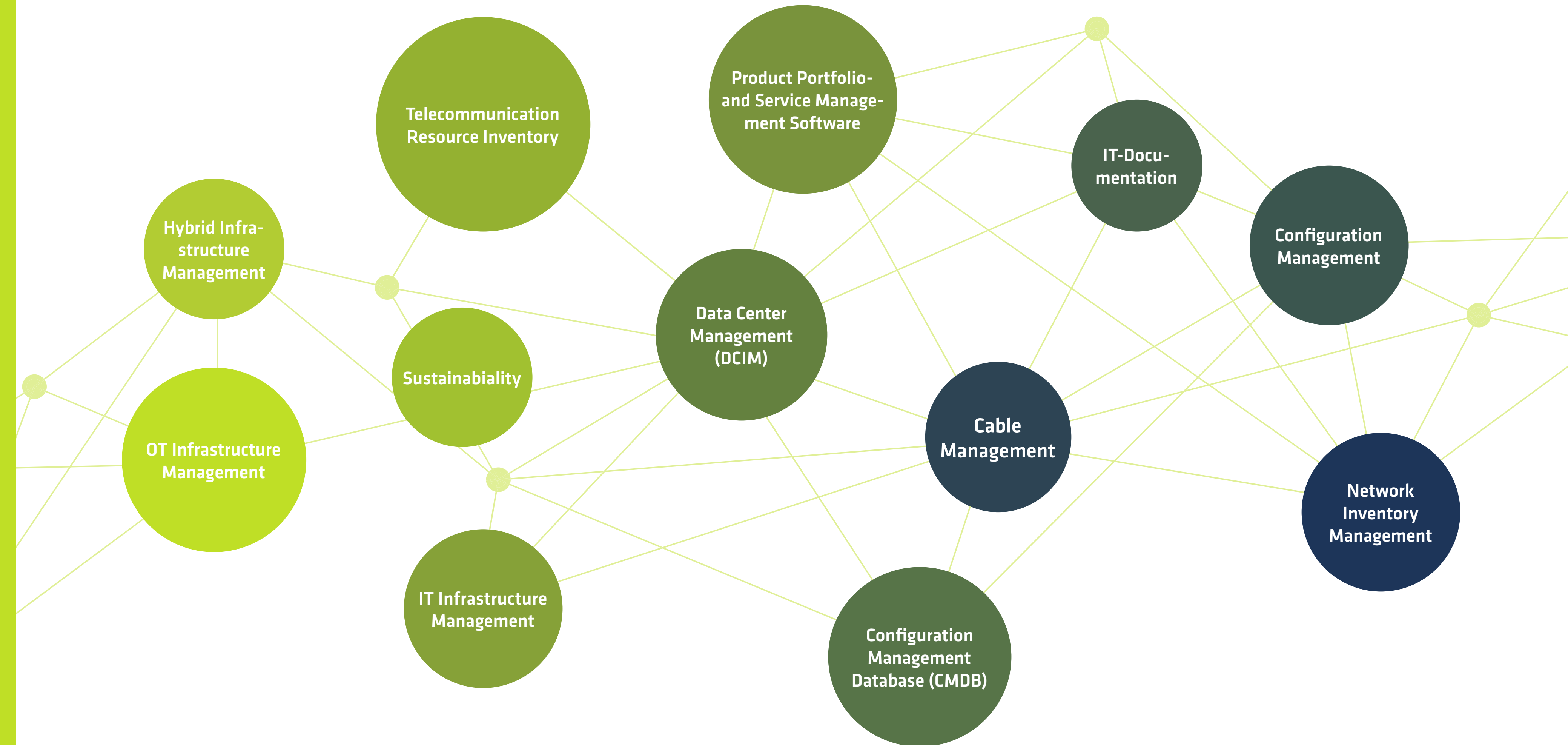
The FNT Command Platform

FNT Command Platform consists of the Infrastructure Core and four functional areas for infrastructure management and data exchange.



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One software solution for a wide range of tasks and application scenarios



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Services to complement our software

Introducing comprehensive IT, data center and/or telecommunications documentation is a big undertaking. We have an expert support team on hand to work with you, on your terms. Our support begins in the pre-implementation phase with advising, runs throughout the implementation, and culminates in training to ensure smooth operation. With knowledge from more than 2,000 such projects worldwide under our belt, we can ensure a smooth introduction of your documentation into your processes and that it won't take long to begin realizing its benefits.



Our experts support you with the know-how from more than 2,000 projects worldwide.

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Types of services we offer:



Consulting

Before any actions are taken we assess your current situation, determine which systems and interfaces should be connected, and work with you to develop the goals and tasks of your future infrastructure management solution. We can also develop concepts for project implementation, solution design and provide support for the implementation of a pilot project.



Implementation

We offer support in setting up the application interface as well as integrating and connecting other IT systems. We help you take stock of your IT, migrate existing data into FNT Command, set up processes for continuously recording changes, and create analyses and visualizations.



Operation

FNT Command is business-critical software that needs to work reliably 24/7. Support Value Packs can be designed to meet your individual needs and ensure trouble-free operation. For example, you can specify health checks, live monitoring, or managed application services.

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All services are provided by FNT or by trained and certified local partners.



Why 96% of our customers recommend us and why partners value us so much



“We selected FNT Command to document and manage our communications network after evaluating a dozen or more of the most prominent network record systems on the market. We ultimately chose FNT for their Command Platform and GeoMaps application. FNT has been consistently helpful and informative. From the first call, through the proof of concept, to implementation, they’re a reliable partner we know we can count on. The software itself is intuitive yet powerful enough to accurately document both the physical and logical aspects of a service provider network. We are happy with our selection and excited to see what impacts and efficiencies their software will bring to Blackfoot Communications’ business.”

Ty Belnap, Blackfoot Communications



“A professional system like FNT Command gives us an almost complete overview of the entire cable infrastructure. Only with this foundation can we achieve a high standard of quality. In addition, we save an enormous amount of time on expansion planning and the elimination of faults.”

Kay Wittenburg, DESY, Hamburg

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“We use FNT Command as a priority 1 system. This makes it one of the most important systems at Frankfurt Airport for us. With Command, we are much faster in resolving disruptions – which are more common in construction activities – and thus save a lot of time and effort.”

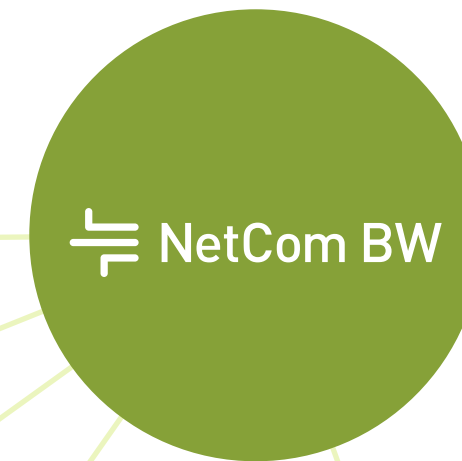
Klaus Schultz-Fademrecht, Fraport AG



“The benefits of FNT Command for Daimler AG are many. We can document all our works with just one tool, which reduces the effort and costs enormously. The cooperation with FNT has been excellent in the past and we will continue to rely on Command.”

Oliver Weiß, Daimler AG

[Video ansehen](#)



“FNT Command provides comprehensive documentation - for customer connections across all network levels. This transparent basis is incredibly valuable for effective processes in operations and planning [...]. We also derive our maintenance windows from this and can thus prevent unplanned outages”.

Thomas Pinkert, Netcom BW GmbH

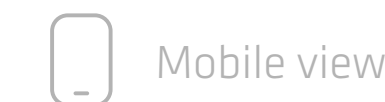
[Video ansehen](#)



“FNT Software has revolutionized our operations by precisely mapping our network infrastructure and streamlining broadband expansion. The OSP interface seamlessly integrates telco services for FTTH deployments, and the SaaS model provides the flexibility and scalability for our ambitious goals.”

Marc Helmus, Eurofiber Netz

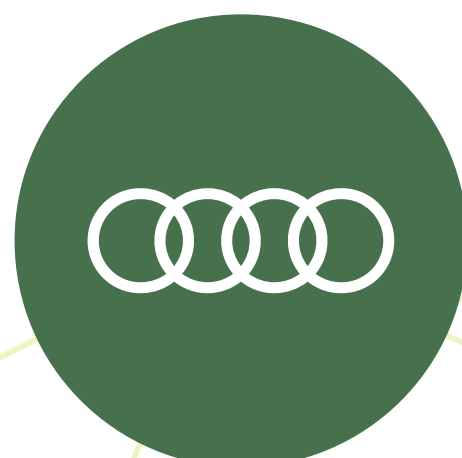
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“We were looking for something to get away from an Excel list, an Access database, a Word document and Visio drawings [...] we were looking for a replacement and we found it in the form of FNT Command.”

Stefan Preis, WDR



“FNT Command provides us with an end-to-end overview of our IT infrastructure, creates transparency in planning, but also in operational processes, and is an important data hub that we use for various interfaces.”

Michael Krämer, Audi AG



By the breadth and depth of the solution. The numerous interfaces and the well-thought-out seven-level data structure model are also an advantage.”

Martin Dann, ZEISS



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Facts and Figures

500+

clients use FNT Command worldwide

2,000+

successfully implemented documentation projects in the past 30 years

150,000+

person-days of project experience in the implementation of documentation projects for our customers

300+

FNT employees

140+

partners in over 25 countries

80,000+

hardware assets, services, and applications are contained in the FNT Component Library

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Our partners

satec_

dcVue

umboss

NOKIA

Computacenter

controlware

SOI MÉXICO

E.INFRA
TECHNIK VERBINDET.

GEIGER
A brand of **legrand**

headOn

infra-com

inetum.
Positive digital flow

infosim®

yandree
GmbH

SAPHIR GROUP
VERNETZT SIE MIT DER WELT

DC SMARTER

NC SYSTEMS
member of NC GROUP

OMEX

COMMSCOPE®

intelcom_
satec group

CGI

serviceaide®



waveit

ABB

...and more

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 Mobile view

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FNT operates in all major markets. We support you on site, either directly or through trained partners. In Germany you will find us in Ellwangen and Munich. Internationally, we have locations in Timisoara (Romania), New York, and Singapore.

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