FNT

// when transparency matters.

- Automated documentation
- As-is/to-be comparisons and reports
- Autodiscovery
- Asset and inventory management
- Bidirectional interface
- Change management process

Command

// StableNet® Interface

Automated Asset and Inventory Management with Infosim StableNet®

In mature IT and telco infrastructures, it is often difficult to keep track of every asset and device. In large, heterogeneous system environments without a centralized system for documentation of all assets, the only way to achieve transparency is by acquiring the ability to identify and document all components quickly and efficiently.

In order to obtain an immediate overview of which assets are deployed in which locations, you can avoid costly and time-consuming manual documentation by automatically importing all the necessary data into FNT Command.

The FNT Command® StableNet® interface provides users with the comprehensive, in-depth information about their company network needed to support ITIL® processes. The bidirectional interface between FNT Command® and StableNet® enables the automated importing and updating of data on chassis (routers, switches, load balancers, etc.), modules, submodules, and physical ports. These devices can be assigned in FNT Command® to their respective zones (e.g., campus, building, floor, room, IT cabinet) and organizational information added, such as the person responsible and contract details.

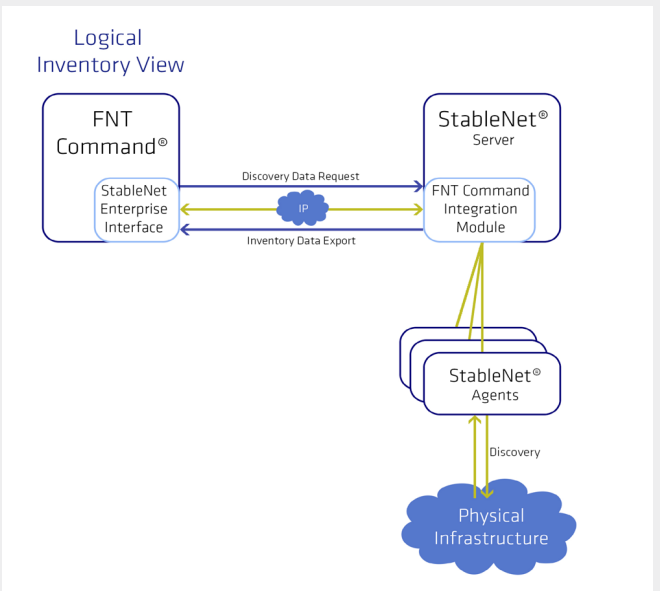

Fig. 1: Schematic architecture

The StableNet® interface performs a cyclical, automated update of all relevant device data via a network scan (discovery) as a standard feature. Feeding the data into FNT Command® via a target/actual comparison makes it possible to resolve discrepancies between the "as is" physical network and the target infrastructure documented in FNT Command®. This provides a reliable basis for IT infrastructure planning activity.
You can use the StableNet® interface to import the following information:

- Population of network nodes with modules/cards
- Relocated and disconnected modules
- Documenting active components
- Documenting active port data
- Inactive devices identified using "last seen" entry
- Updating of device data and port data in FNT Command® with the attributes delivered by autodiscovery
- Output of logs for addressing discrepancies

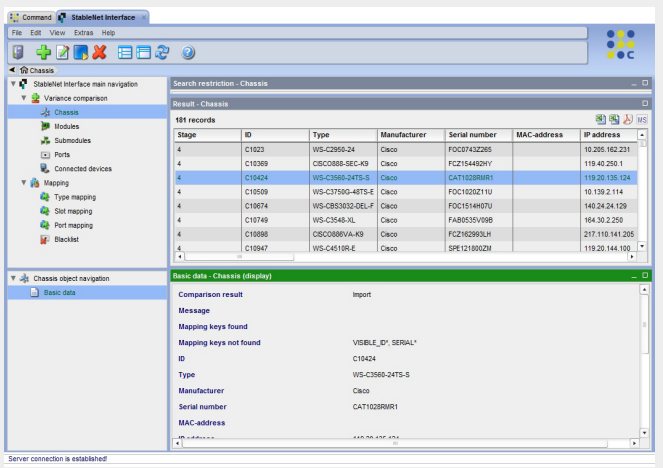

Fig. 2: FNT Command StableNet Enterprise Interface

How the Interface Works

StableNet® performs discovery at a specific time (interval) defined by the user. To enable this, FNT Command® provides StableNet® with the names and IP addresses of the devices to be discovered. The StableNet® agents then perform ping monitoring (ICMP echo) in order to check the accessibility and availability of the devices. The device attributes are checked against the FNT Command® records and the necessary changes made.
If new cards (GBIC, SFP, etc.) are installed in devices, they are automatically imported into FNT Command® and added to the respective slot within the device.

Reports and Workflow Processes

In addition to the documentation function, it is possible to create comprehensive reports based on the target/actual comparison. The results of the target/actual comparison can also be used as the basis for obtaining information about workflow processes for capacity and change management purposes (e.g., relocated objects and newly installed chassis).

Applications

Typical applications of the StableNet® interface:

- Automated documentation of active network components
- Automated target/actual comparison of the components documented in FNT Command with the devices detected by StableNet as the input for an automated change management workflow
- Elimination of documentation gaps in the IT infrastructure
- Fast and consistent overview of IT infrastructures during mergers and acquisitions
- Quick documentation for fast-growing companies
- Ideal support for audits and assessments

Case Study

As part of a customer project, details of approximately 7,000 chassis, 13,000 modules, 9,000 submodules, and 700,000 ports are checked and updated daily via the StableNet interface. The runtime for the interface is approximately 45 minutes.

About StableNet® Telco and StableNet® Enterprise

StableNet® is a largely self-configuring network, service, and IT management solution that combines autodiscovery, performance and fault management, automated root-cause analysis, and network configuration and change management in an integrated solution. The specific StableNet® function modules can be licensed individually and deployed to provide current network and IT infrastructure data for inventory management systems via the automated discovery/inventory function, for example, as when the product is used in conjunction with FNT Command®. What makes StableNet® special is its comprehensive coverage of the network and IT environment, the ability to depict services as well as components, substantially faster operational implementation of solutions, largely automated adjustment, and flexible scaling up to the level of comprehensive enterprise and telco solutions.

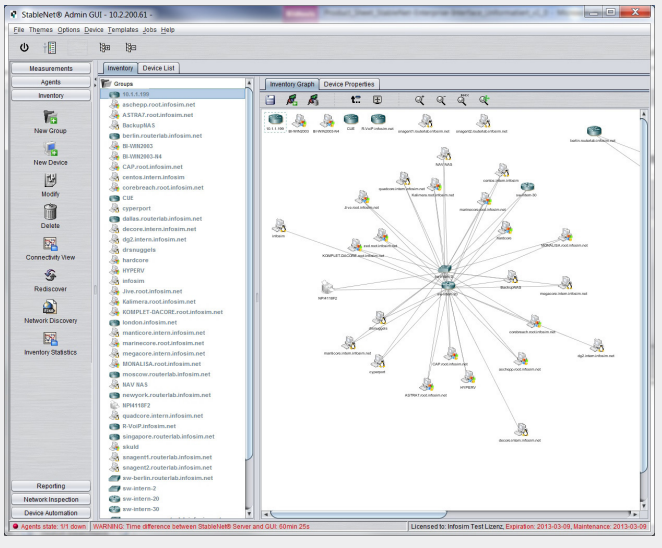

Fig. 3: View Infosim StableNet Inventory Graph

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