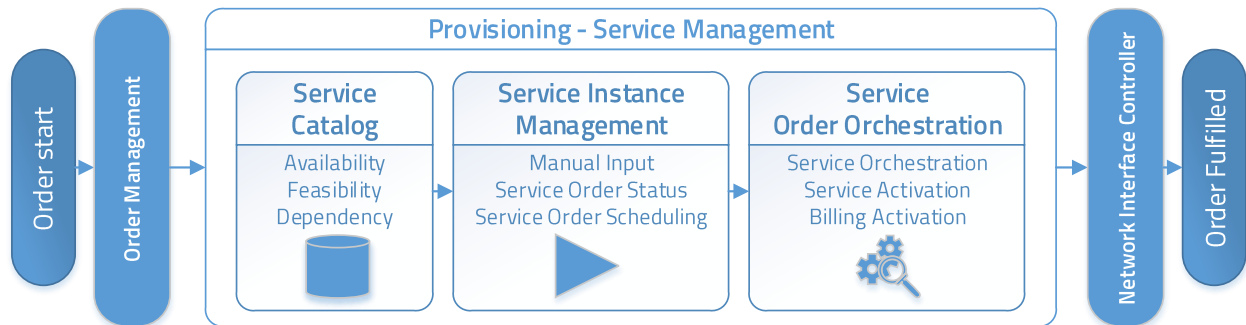




Netadmin™ Provisioning



Values & Benefits

- ✓ Replacement of old and costly systems and consolidation by Netadmin Provisioning lowers costs.
- ✓ Lowered time-to-market for new deployment of products and services increases profit margins.
- ✓ Flexible and structured modelling of your fulfillment process lowers OpEx costs for changes and maintenance.

Executive summary

The Netadmin Provisioning capability support the operator's "Order to cash" or fulfillment process. Netadmin Provisioning is highly configurable and used for provisioning of a wide range of services, e.g. triple play, cloud and carrier Ethernet services. It is used in daily operations for provisioning of services over copper cable, fiber cable, coax cable and wireless networks.

One of the key principles of the design of Netadmin Provisioning is to make service design flexible and powerful, but still quick and simple. This is achieved by breaking down the various provisioning processes into smaller, re-usable, blocks which in combination forms the complete chain of provisioning tasks. This makes Netadmin quick to adapt to new network technologies, access technologies and network devices.

Functionality

Service Catalog

The Service Catalog keeps track of all services and their relationship to each other, when part of a bundle package. The Service Catalog also contains rule sets that control dependencies between different services, such as the requirement of connecting a base HSI service before connecting a VoIP service.

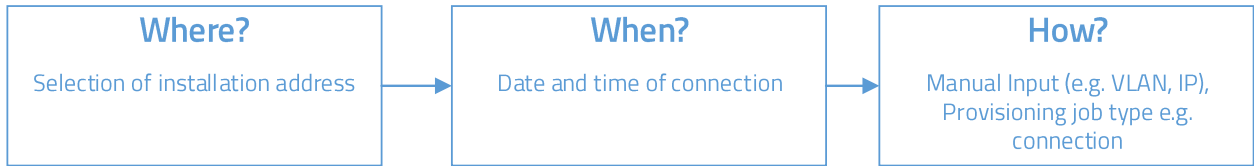
The Service Catalog does also include availability configuration. The availability configuration is based on the address inventory of Netadmin, where it's possible to create a subset of addresses and configure a service to be available on that specific subset.

Service Instance Management

The service instance management part of Netadmin Provisioning keeps track of all service instances and answers the questions listed in the service instance management process below.



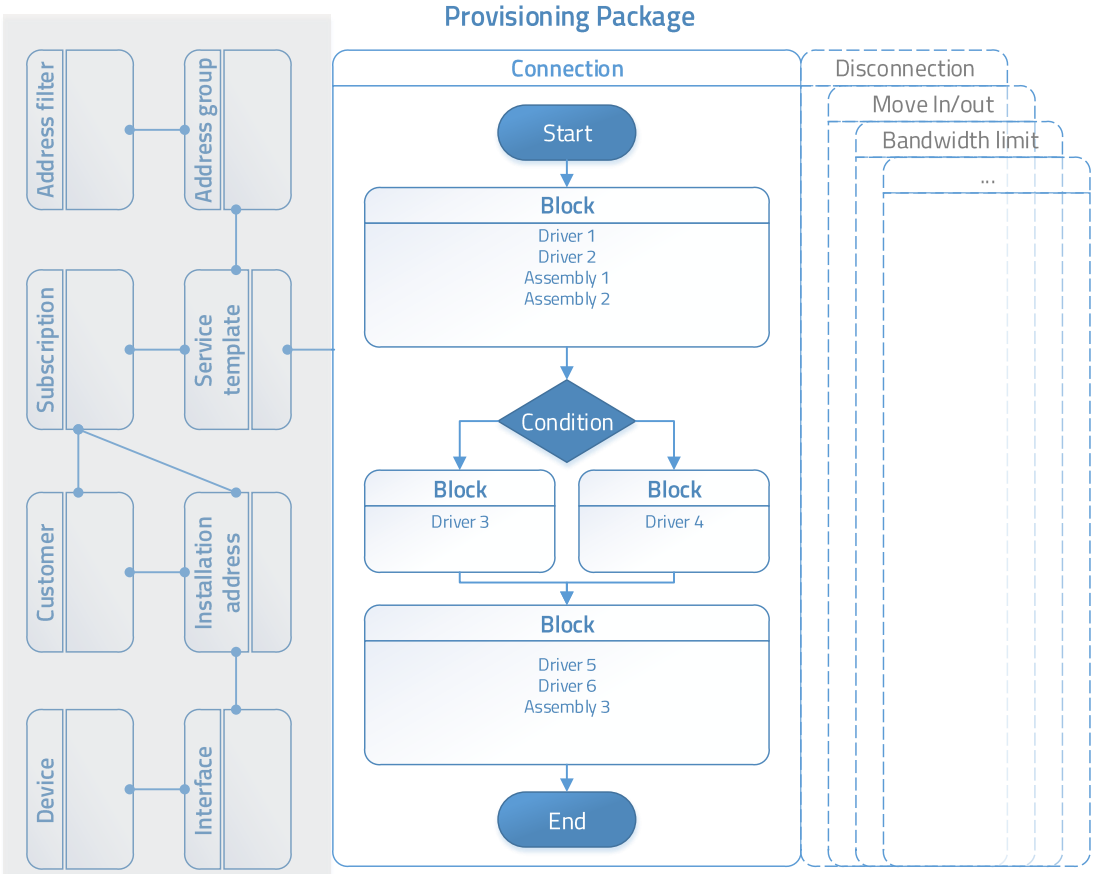
Netadmin™ Provisioning



It also provides tools to enter information in a manual and structured way that shall be used in the provisioning flow, e.g. technical information about what MPLS ID that should be used or legal or economical information. The service instance function creates the subscription on an address that belongs to a customer and start execution of the service orchestration.

Service Orchestration & Provisioning

The diagram below shows a provisioning flow. The provisioning flow can be reused by multiple services, but each time with different service specific parameters. Every service is associated with a provisioning flow/package. It is possible to design new provisioning packages with different conditions, assemblies and drivers. The assemblies are used for system integration and are created in .NET C# environment and imported into Netadmin. Drivers are small adaptors for the network elements that communicate via SNMP, SSH, TL1 and other protocols.



Service provisioning is the execution of the smallest parts of the service fulfillment process – the Drivers and Assemblies. Both Drivers and Assemblies can be created by a user of Netadmin after attending training sessions or studies of the documentation on Netadmin. Billing can be activated using an assembly that sends a notification to the billing system or use a report.

