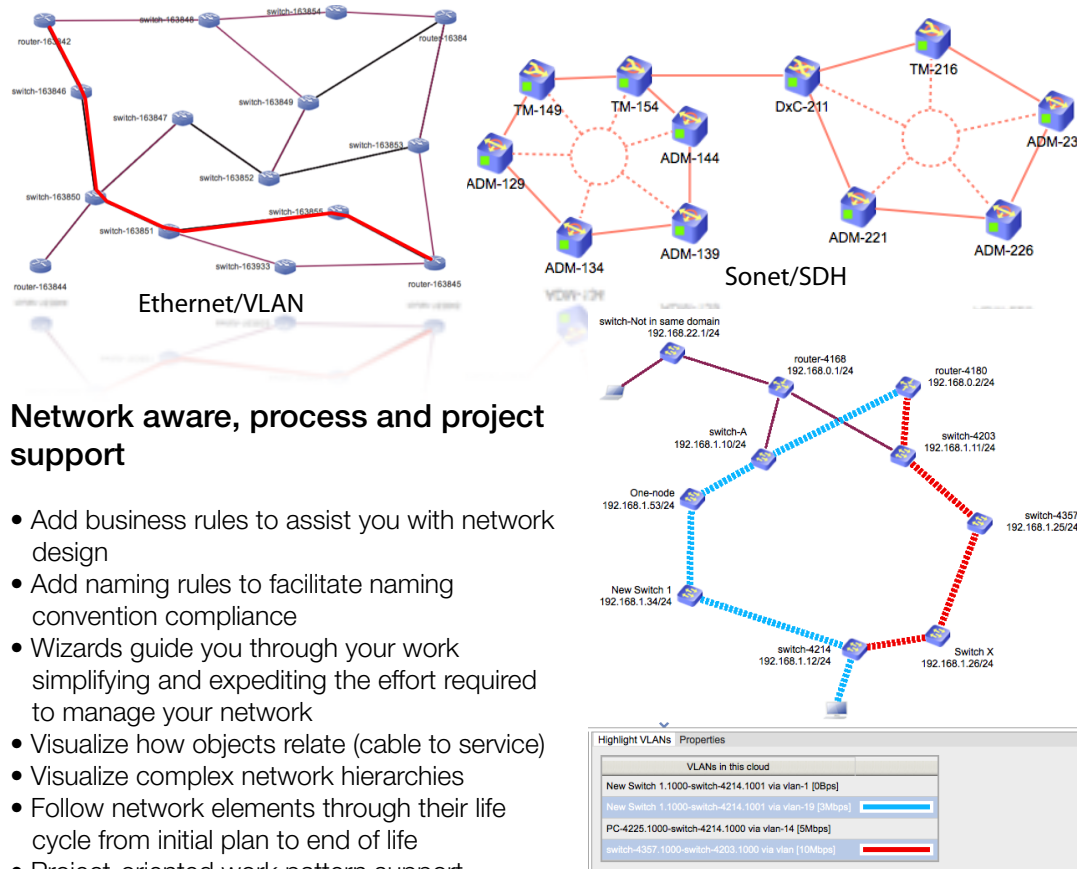


Faster time to value when implementing OSS systems

Highly adaptable solution that works with you and your systems

Visualize and design the logical network your way

Using Network Resource Manager (NRM) features like rule based clouds and custom annotation you can adapt the GUI to visualize the network any way.



Showing logical paths

Network aware, process and project support

- Add business rules to assist you with network design
- Add naming rules to facilitate naming convention compliance
- Wizards guide you through your work simplifying and expediting the effort required to manage your network
- Visualize how objects relate (cable to service)
- Visualize complex network hierarchies
- Follow network elements through their life cycle from initial plan to end of life
- Project-oriented work pattern support
- Context driven GUI

Low learning threshold drives new user productivity

NRM 10 only displays the menus and tools necessary for a user to do the job at hand, making network design no more complicated than using industry standard drawing tools.

NRM brings intelligent network design right to your fingertips. Network aware, wizards guide you simply through the design process. Menus and available actions are context aware. NRM steps you confidently through the design workflow. Now network design is so easy to learn and easy to use, you'll believe our product is thinking for you.

Intelligent network design

Intelligent business rules prevent the design of something that is impossible. For example, NRM will only allow you to connect the right type of cable to a particular port.

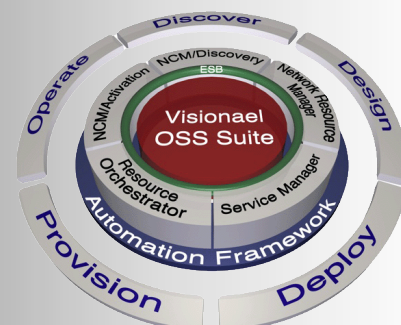
Network Resource Allocation and traceability

NRM 10 can easily display the consumption of virtually any resource in the network. If exhaustive information regarding a resource is desired, a popup displays the full picture and how the resource is being consumed. Full support for resource allocation both in the GUI and via ESB/API is also included.

The Visionael OSS Suite

The Visionael OSS Suite provides a full set of tools for service providers, enterprises, and system integrators facilitating automatic discovery, documentation, physical and logical resource allocation and provisioning/activation of services and network elements as well as customer specific process automation.

All products in the OSS suite are designed to work in concert or stand alone as modules of a multivendor OSS environment.

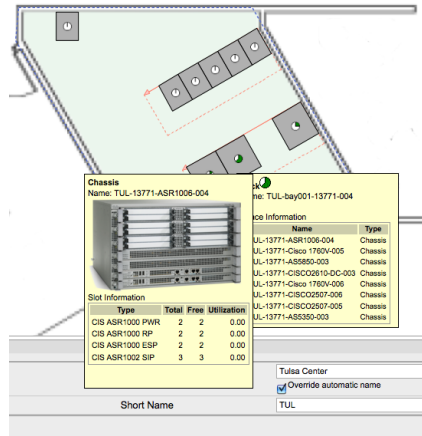


Management of physical objects

NRM 10 gives you full control over the physical infrastructure:

- Room definitions as regions
- Raceways
- Cables
- Connection points in rooms
- Racks standalone or in groups along a bay line
- Equipment standalone or in rack

Using an existing floor plan drawing and importing it to NRM 10, you can define rooms, rows of racks and raceways, all in correct scale and elevation. Adding equipment and cables is easy, NRM 10 will assist in placing cables in raceways and connecting ports without any need to zoom in and out, allowing you to stay focused on the high-level process. In fact, intelligent business rules don't allow you to place network elements where is not possible. For example, NRM will only allow you to connect the right type of cable to a particular port. The complex made easy.



Productive teams in weeks not months

Quick to install. Easy to learn. Your teams can be productive in weeks not months. Fast ROI delivered.

Platform and Requirements, NRM 10 Server

Operating Systems and Platforms:

- **Sun Solaris 10**
 - o Sun UltraSPARC (minimum 1 processor at 1.4GHz)
 - o Intel and AMD 32 and 64 bits processors
- **SUSE Linux Enterprise Server 10**
 - o Intel and AMD 32 and 64 bits processors
- **Red Hat Enterprise Linux 5 server**
 - o Intel and AMD 32 and 64 bits processors

Databases Supported:

- Oracle 10
- Oracle 11g
- Oracle 11g RAC

Java requirement:

- Java JDK 1.6

Application server

- Sun Glassfish 2.1

System Requirements:

- Dual core 2.6GHz (minimum)
- Memory: 3 GB (minimum)
- Disk Space: 2 GB (minimum)

Platform and Requirements, NRM 10 Client

Operating Systems and Browser:

- Any OS supporting the supported browser requirements
- Mozilla Firefox 3.5 or later.

System Requirements:

- 2.3GHz (recommended)
- Memory: 2 GB (recommended)

Network connection (SO client - Server):

- 2 Mbps IP connection (recommended)

Want more information?

Please visit us at:

<http://www.visionael.com/>

Enterprise Service Bus

All our API's are exposed and well documented allowing any system within your OSS environment to use data residing in our products, minimizing the integration tax.

No internal API's are used.

Visionael Device Library

The Visionael Device Library handles all equipment object definitions for all entities used in Visionael NRM for designs.

The Device Library stores all physical and technical definitions and all logical definitions plus any business logic definitions that define rules of usage in designs.

Finding the right device is push-button simple because a dedicated Visionael team prepopulates and constantly updates the Device Library. Now with over 20,000 device definitions. Or simply define your own device on the rare occasion we haven't already.

OSS simplified

The Visionael OSS Suite is designed for cost-effective deployment by operators and systems integrators. Visionael OSS provides an alternative to traditional costly/time consuming solutions and a significant improvement over manual management methods.

Easy to learn, your teams can be productive in weeks not months. Integration to other systems like CRM or Order Entry is simple with our flexible Enterprise Service Bus – a set of public APIs. Fast time to value delivered. The Visionael OSS Suite is a proven solution in use by operators around the world.

Please visit our web site for additional data sheets and videos.