

The Visionael OSS Suite

Solves today's OSS challenges with fast ROI and low integration tax

Visionael 

Data sheet

Overview

The Visionael OSS Suite is a unique set of modern OSS products that address network operator challenges within Discovery, Network Inventory and Management, Resource Management, Service Provisioning and Network Activation. Product scopes and boundaries are heavily influenced by the TM Forum and the Business Process Framework (eTOM) to smoothly integrate and powerfully enable operations in modern NGOSS environments. The Visionael OSS Suite consists of:

- Network Communications Manager / Advanced Discovery Manager
- Network Resource Manager
- Resource Orchestrator
- Service Manager
- Network Communications Manager / Activation Manager
- Automation Framework / Systems Orchestrator



Fast incremental ROI

Visionael OSS products deliver ROI quickly because they can be deployed incrementally as individual products to solve very specific business problems. You can complete your first Visionael Discovery and gain important network insights even before you've deployed Visionael's inventory module. Resources can be defined and managed in Resource Orchestrator before service catalogs are defined. Define your problems, and focus on solving them one at a time without massive dependencies, that's our philosophy.

Completely independent - yet completely integrated

To integrate seamlessly with third party systems in real-life OSS environments, the Visionael OSS products have been designed to have clear scopes and provide a rich set of open APIs. There is no "internal" integration between the Visionael products. All integration is carried out by public APIs over the Enterprise Service Bus. You can easily create powerful, integrated solutions using these APIs too. We consider our applications state of the art within their respective domains, but are fully aware of how complex, heterogenous, OSS environments may require us to co-exist peacefully.

Deep understanding of service provider networks and services

The Visionael OSS Suite is not another broad, lightweight network management solution with a rudimentary understanding of networks. The Visionael OSS Suite consists of service provider grade products with deep understanding of next-generation networks and services. The fully-customizable service catalog in Service Manager allow network operators to deliver consumer services "en mass" with complete flow through provisioning and in parallel with complex corporate service roll-outs that demand engineering guidance.

Visionael Advanced Discovery Manager and Activation Manager rely on the Network Communication Management framework which is a completely distributed architecture based on an intelligent planning engine that carries out secure and efficient discovery and activation even in multi-layer tier-1 networks.

Customization not tied to core product versioning

Service providers and other network operators depend on fast time-to-value, quick deliveries and accurate resource utilization. An integrated and efficient BSS and OSS environment is an important differentiator in a provider's success. Yet every service provider has their own specific

Easy setup, Rapid learning, Fast ROI, Low integration tax

Focus on solving your problems, one at a time, with fast ROI, and with the knowledge that integration will be painless and rewarding..

Service Provider grade

Deployed on applications servers based on the Java EE paradigm the Visionael OSS Suite is built for high availability and easy management.

Light weight front ends

All Visionael OSS products provide rich web based front ends limiting client maintenance.

The applications provide RESTful workspaces making it easy to incorporate them in workflows or mails.

Business logic used in the web GUIs are published through open APIs on the Enterprise Service Bus (no thick client business logic).

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OSS requirements and setup that makes defining and delivering new, appealing service offers difficult.

Because all Visionael products provide SOA API's on an ESB, OSS engineers can now create local customizations or workflows in the service catalog independent from any versioning control of the core product. You can evolve your Visionael products with confidence knowing your customizations will continue to operate correctly with little to no modification.

Additionally, you can use our comprehensive workflow engine, Visionael Systems Orchestrator, or integrate with any other workflow engine already present. Workflows can incorporate asynchronous integration calls to third-parties (such as leased line orders) and for human interactions (such as a CPE installation by an engineer).

True SOA with Visionael Enterprise Service Bus

The Visionael OSS Suite introduces well-defined product boundaries, all encapsulated in rich API's published over the Visionael Enterprise Service Bus (ESB). The ESB allows for API exposure over a myriad of protocols and technologies, such as web services or Java® Remote Method Invocation (RMI).

OSS Simplified

A low integration tax delivered through the ESB and fast ROI are key to Visionael's success. For network operators and systems integrators, the Visionael OSS Suite provides an alternative to traditional costly and time consuming solutions and provides a significant improvement over manual management methods.

General Platform Requirements

Operating Systems and Platforms:

- **Sun Solaris 10**
Sun UltraSPARC (minimum 2-processor at 1.4GHz)
- **Red Hat Enterprise Linux 6.x server**
Intel and AMD 64 bits 2.4GHz Dual-Core processors

Databases Supported:

- Oracle 10
- Oracle 11g
- Oracle 11g RAC
- Microsoft SQL Server 2008 R2

Java requirement:

- Java JRE 1.6

Application server

- Sun Glassfish 2.1

System Requirements:

- Dual-Core 2.4 GHz (minimum)
- Memory: 6 GB (minimum)
- Disk Space: 2 GB (minimum)

General Platform Requirements, Clients

Operating Systems and Browser:

- Any OS supporting the supported browser requirements
- Mozilla Firefox 14 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 provides equipment object definitions of entities used in Visionael NRM designs.

The Device Library stores physical, technical, and logical definitions of entities, along with any business logic or rules governing 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 fill out a request to define a new device, on the rare occasion we haven't already, and we'll get right on it. Customers have access to ongoing updates.

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.