

StableNet® - Managing the Zoo of Network Systems

Unified Network and Services Management
for Telco, MSPs, Industrial, Enterprise, and Datacenter Operations

Today, solution operators face more and more challenges with the growing complexity of monitoring and managing distributed, multi-technology, multi-vendor systems environments. Despite of all standardization, the number of systems and parallel operated legacy and advanced solutions keep growing at a hard-to-manage rate.

WHAT STABLENET® SOLVES



UNIFIED MANAGEMENT

Monitoring and management of cross-vendor, cross-silo, cross-technology environments in a most efficient, automatable, scalable, and flexible way.

Key services management functions Fault, Performance, Configuration Management, and automated Root Cause Analysis are supported within the consistent solution.

Service Assurance and Management on Telco and Enterprise devices, topology, up to services, VMs, Apps, SDN/NFV, Industrial IoT, SNMP, and non-SNMP.



LOWER TOTAL COST OF OWNERSHIP (TCO)

Reduction in OPEX and CAPEX via consolidation of the zoo of deployed specific management solutions.



RAPID DEPLOYMENT

Automated infrastructure and topology discovery with automated, flexible “best-practices” monitoring activation, supporting rapid management deployments, and SaaS support.

Ad-hoc operations dashboard design support to match with the individual operations tasks.

Ad-hoc, system-aided reporting setup, supporting dedicated, multi-client, and scheduled reporting.



RAPID RETURN ON INVEST (ROI)

Reduction in OPEX and CAPEX by reducing the zoo-of-management systems, by reducing the related operations efforts, and by reducing the repeated system integration and management systems update efforts.

Reducing the time to roll-out new services by early deployment of services monitoring to assure new services availability and performance will shorten the time to deploy new services and speed-up revenue streams activation.



AUTOMATION – EASING REPEATED JOBS

Automatable configuration management tasks and automatable jobs reduce the overall efforts on repeated network device configurations, backup and restore, on provisioning and repeated jobs.

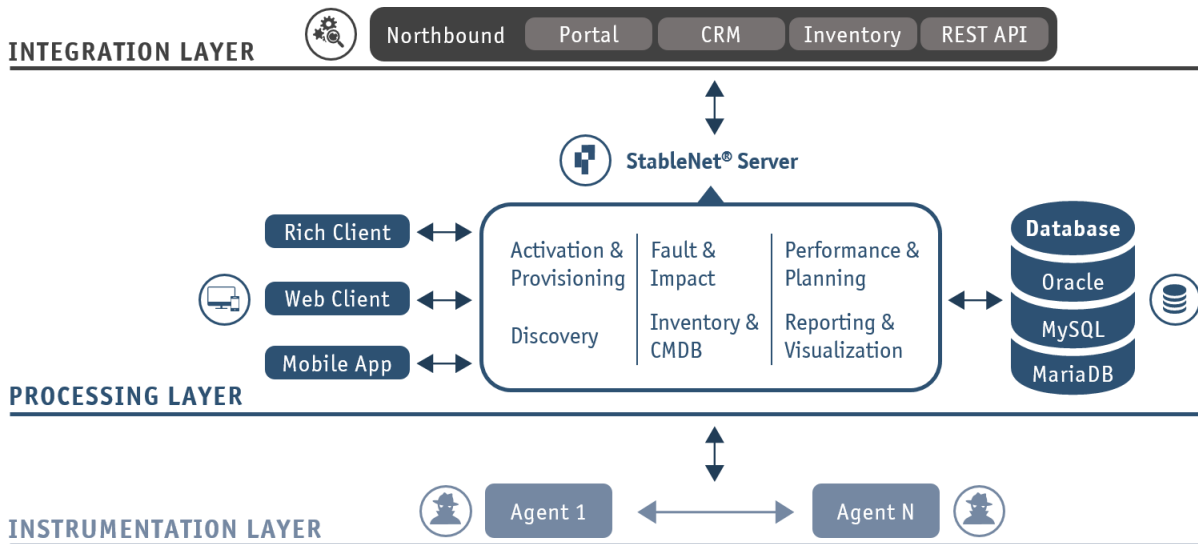


POLICY & VULNERABILITY CHECKING

Automatable checking of policy compliance and vulnerability on network device configurations and versions.



STABLENET® ARCHITECTURE IN BRIEF



StableNet® is implemented as distributable architecture with a managing central server and distributable agents serving management domains. This architecture ensures the very high degree of scalability, as the majority of the management tasks are performed by the distributed StableNet® Agents.

StableNet® Agents perform the distributed discovery of devices, systems, multi-layer connectivity and topology, and can be centrally configured to execute E2E services monitoring.

In addition to the common management interfaces, StableNet® does offer open interfaces, like REST, CSV, JDBC, MTOSI, and XML defined templates, to allow easy integration with in case already existing ITSM/Business Process Monitoring tools.

This distributed architecture supports key management operations security, as it allows to separate solutions into management operation domains.

The StableNet® architecture is designed to avoid tedious and costly integration, to avoid repeated re-integration – and to ease operations as it allows a very high grade of automation.

A key differentiation is that it does combine the key services management functions Fault, Performance, Configuration/Change Management, and automated Root Cause Analysis by utilizing consistent management data – and not bundling partial solutions with individual management data.

This does avoid the otherwise required repeated management data integration and frequent re-integration and test of interworking management system versions on release updates.

Multiple customers do use StableNet® to run “Dark NOC/Network Operations Center” as fully automated operations monitoring, utilizing StableNet® Root Cause Analysis to automate the direct generation of trouble tickets.