

Configuration audit solution

Presentation



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The context for the configuration audit solution

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- > Rapid changes in telecom infrastructure: changes of technologies combined with an increased variety of network elements
- > Frequent differences between network planning and the actual deployment
- > Conflicts due to the lack of centralized network planning point
- > Manual validations of the planning, as well as equipment and software management are resource and time consumers



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What is the configuration audit solution?

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- > It is a software solution which helps network operators:
 - backup and store configuration versions
 - audit the network element configurations
 - manage growing network configuration data

- > The solution is:
 - platform and vendor independent
 - collaborative, yet centralized to provide a single point of management
 - long-term, scalable, cutting-edge technology



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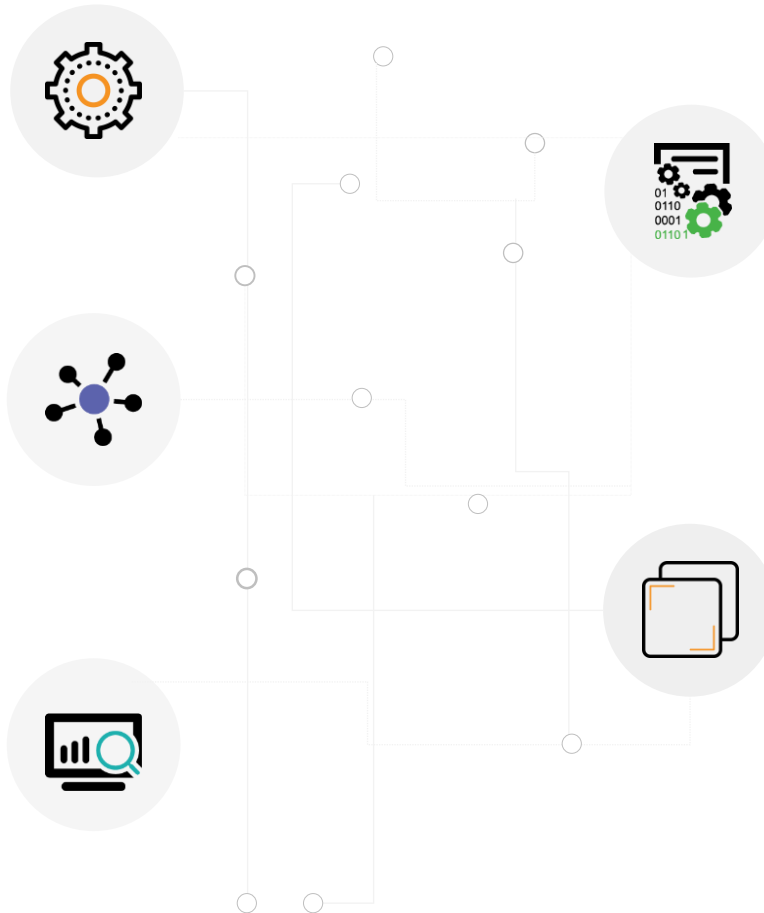
With the configuration audit solution you can...

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> automatically **audit** the differences between your network planning and actual deployments

> **store** and **backup** configuration versions for each network element on a regular basis

> generate automatic **reports** based on your custom scheduled audits



> write your own **plugins** using the open API

> easily **replicate** part of your network configuration through an inheritance mechanism

/ Configuration audit Dashboard



IMS Prime Inventory Network Planning Audit Administration admin1 Sign Out

Welcome Stefan You have 6 alerts and 42 audit reports.

1	Audit scheduled for CSCF-1234	09:00 pm
2	MOP Validation - HLR 1032 TimClu	10:16 am
3	Audit success for CSCF-1234	08:22 pm
4	System patch level failed for oneAAA-5493	11:06 pm
5	Audit running for CSCF-1234	12:00 am

[→ Audit / MOP Chart](#)

Quick stats
NE grouped by area and by type.

Area Report

NE Type

Lorem Ipsum is simply dummy text of the printing and typesetting industry.

[→ Audit / MOP Success Rate](#)

[→ Audit](#)

26 Logged in Users View Details	12 Simulation running View Details	90% System disk usage View Details	68% System memory usage View Details
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/ Configuration audit Network view



IMS Prime Inventory Network Planning Audit Administration

admin1 Sign Out

Network Map Graphical View

→ Network Elements

Element Type:

NE Definition:

NE Profile:

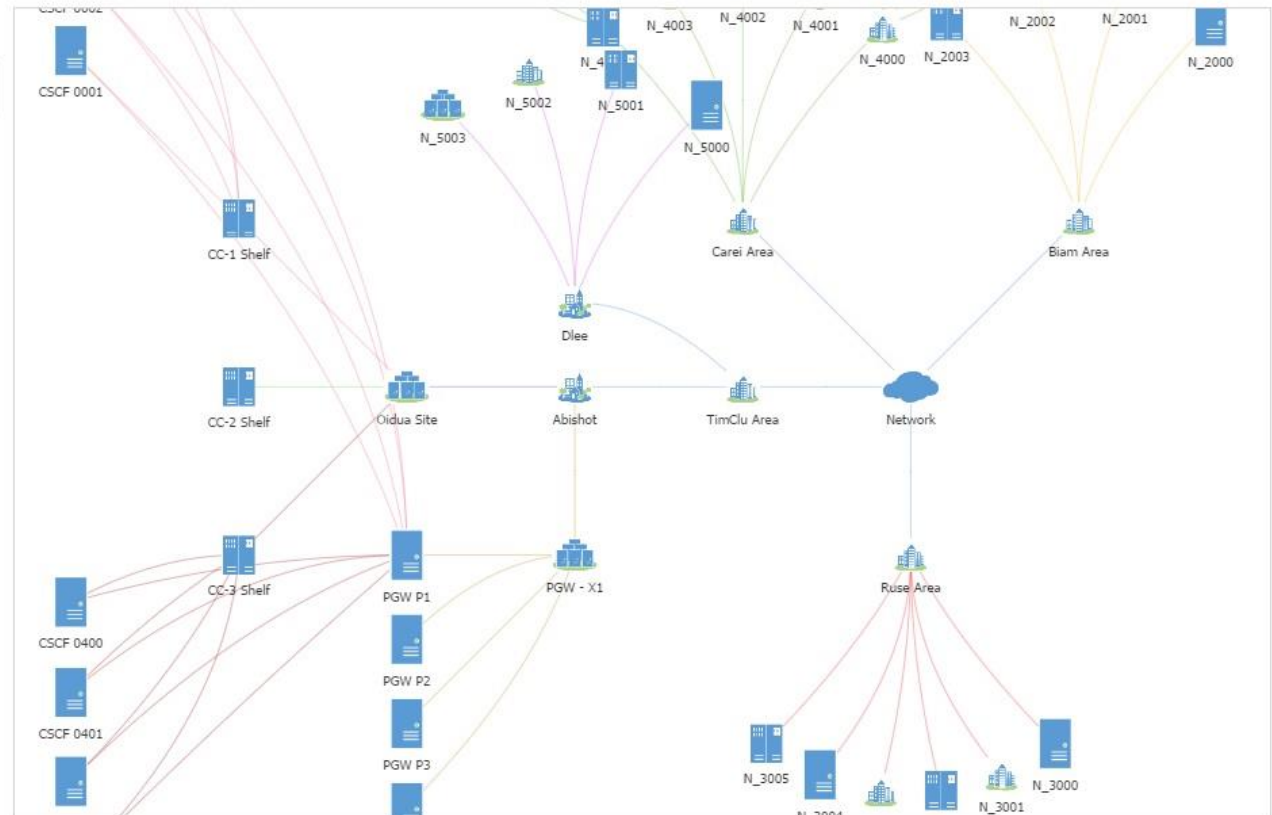
Q Search something here...

→ Network Element Summary Managed

 **Name:** CSCF K01-1234
Type: CSCF
Area Served: TimClu

Location: COCS
Shelf: K01-1
Type: CSCF
Hostname: cocshpcscf0711

Created: 10.07.2014
Last Updated: 16.08.2014
Last Audit: Success
Last MOP: Success



/ Configuration audit helps you... ...



> ensure consistent **quality** and **continuity** of processes by validating human manual operations



> **save time** with operation and maintenance flows



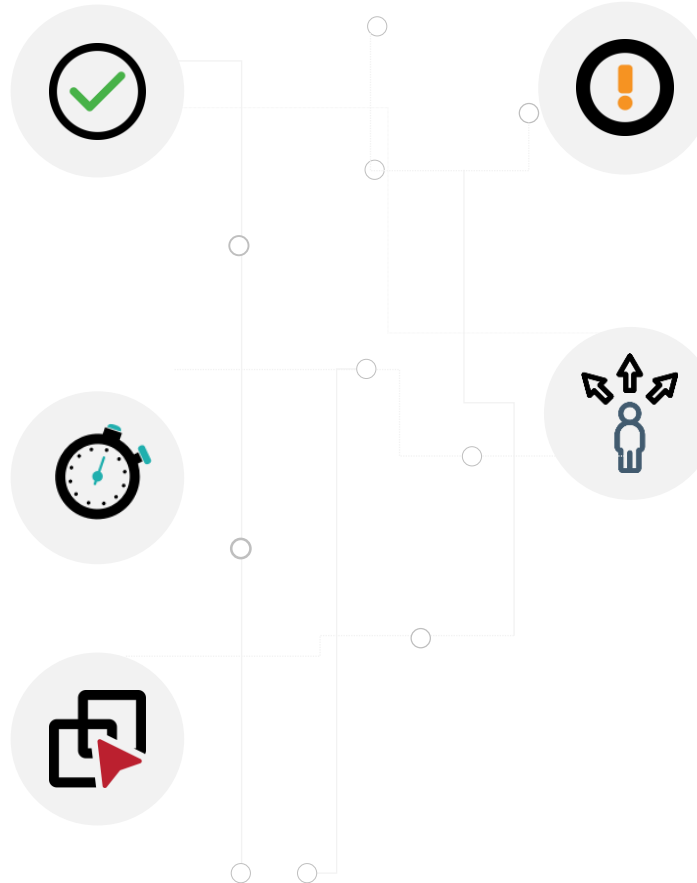
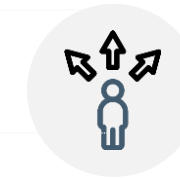
> **fill in the gap** between network planning and engineering departments



> **prevent downtimes** due to misconfiguration settings



> make better **business decisions**



/ Deployment models ...



- The configuration audit solution can be deployed:
 - in one central location or in a geographically distributed manner
 - on bare hardware or in a virtualized environment



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Thank
you!



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