

# Configuration Audit Solution

Presentation



## The Context For Configuration Audit Solution

- 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



# What Is Configuration Audit Solution?



Configuration Audit Solution is a software which helps network operators:

- backup and store configuration versions
- audit the network element configurations
- manage growing network configuration data

Configuration Audit solution is:

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



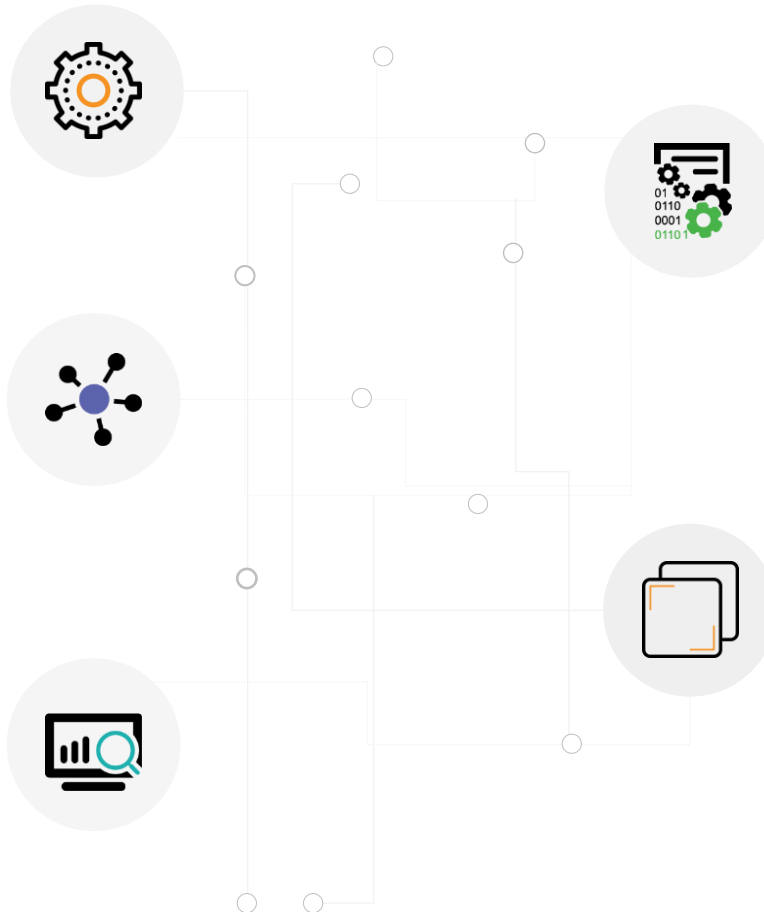
## With Configuration Audit You Can...



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



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



### Quick stats

NE grouped by area and by type.



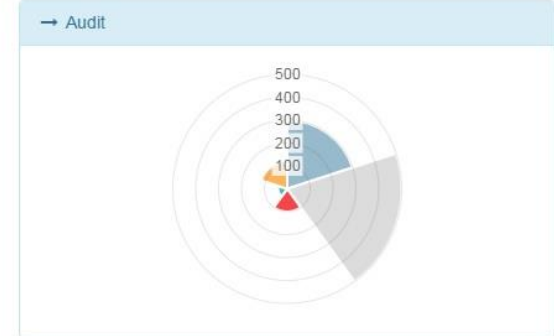
Area Report



NE Type

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

[→ Audit / MOP Chart](#)



**26**  
Logged in Users  
[View Details](#)

**12**  
Simulation running  
[View Details](#)

**90%**  
System disk usage  
[View Details](#)

**68%**  
System memory usage  
[View Details](#)

# Configuration Audit Network View



IMS Prime Inventory Network Planning Audit Administration

admin1 Sign Out

## Network Map Graphical View

→ Network Elements

Element Type:

NE Definition:

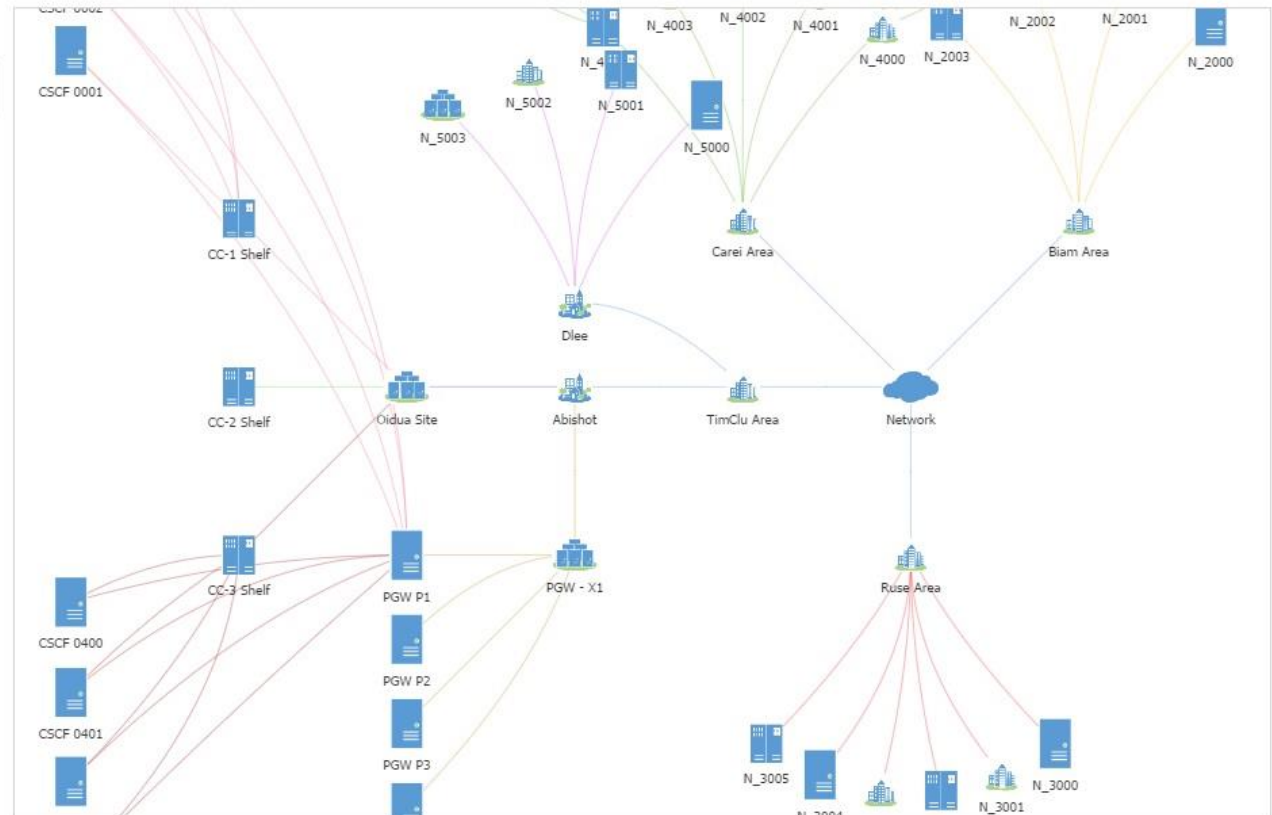
NE Profile:

→ 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



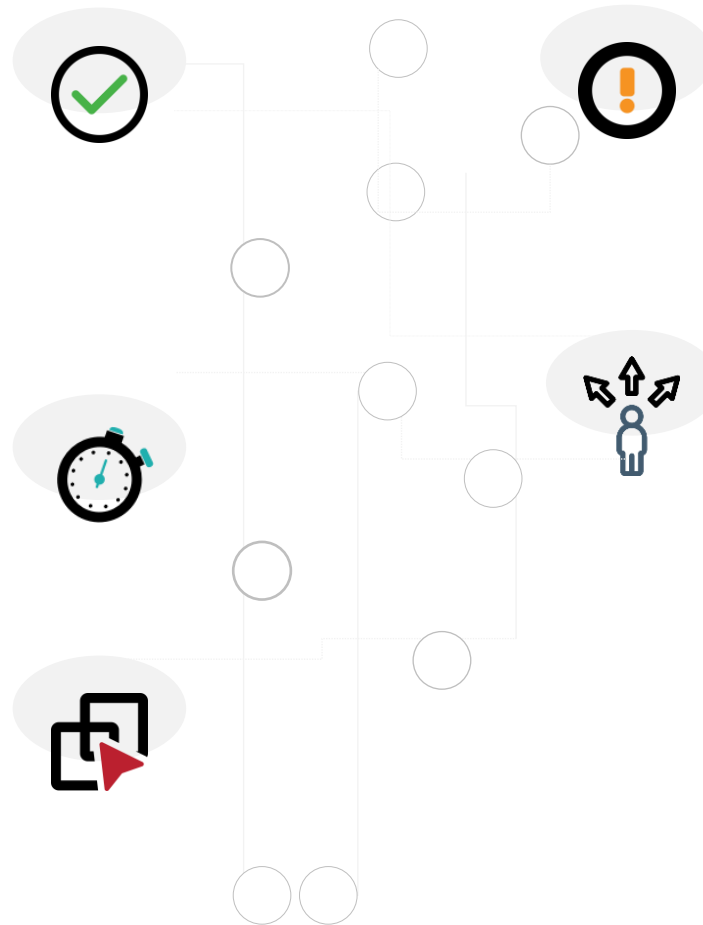
# Configuration Audit Helps You...



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



Configuration Audit Solution can be deployed:

- in one central location or in a geographically distributed manner
- on bare hardware or in a virtualized environment

