



## NeaNMS

*The FCAPS-compliant carrier-class suite  
for network operation management*

## Why to use standards?

- **Interoperability**
- Vendor **independence**
- Standards **certify** business quality
- Standards **foster** the sharing of technology & innovation
- It's the **right way** to do things
- Standards **help** creating sustainability and benefits for everyone in the global society

## FCAPS

***FCAPS** is the **ISO** Telecommunications Management Network model and framework for **network management**.*

*FCAPS is an acronym for **F**ault, **C**onfiguration, **A**ccounting, **P**erformance, **S**ecurity which are the management categories into which the ISO model defines network management tasks.*

WIKIPEDIA

## NeaNMS

- Powerful and highly scalable **network management** and **operation support** software
- **Carrier-class** and **enterprise** level solution
- **Open-source** technology
- ISO **FCAPS** standard compliance
- Deployed in **2500+ devices** network in Italy (WiNET)

**MONITORS ANY DEVICE OVER TCP/IP**



**CONFORMS FULLY WITH THE ISO FCAPS MODEL REGARDING NETWORK MANAGEMENT MATTERS**

# neanms

# Management Modules

<b>MODULE</b>	<b>FCAPS says</b>	<b>NEANMS does</b>
<b>Fault</b>	Recognize, isolate, correct and log faults that occur in the network	<ul style="list-style-type: none"> <li>■ Polling Engine</li> <li>■ Trap Receiver</li> <li>■ Syslog</li> <li>■ Root-cause analysis</li> </ul>
<b>Configuration</b>	Gather and store configurations from network devices and track their changes	<ul style="list-style-type: none"> <li>■ Device type-based configuration retrieval</li> <li>■ Changes highlight</li> </ul>
<b>Security</b>	Controlling access to assets in the network	<ul style="list-style-type: none"> <li>■ Embedded RADIUS</li> <li>■ Web console with user based permissions</li> </ul>

# Management Modules

MODULE	FCAPS says	NEANMS does
<b>Accounting</b>	Gather usage statistics for users in order to allow the network resources usage billing	<ul style="list-style-type: none"><li>■ AAA management</li><li>■ Embedded RADIUS</li><li>■ User profiling</li><li>■ pre/post-paid billing</li></ul>
<b>Performance</b>	Determine the efficiency of the current network addressing throughput, percentage utilization, error rates and response times	<ul style="list-style-type: none"><li>■ Polling engine collects performance data</li><li>■ Graphic charts for performance drawing</li><li>■ Threshold triggering and highlight</li></ul>

# NEAGEN

**Neagen S.r.l.** is a privately owned company based in Turin, in the north west of Italy

Neagen today counts on:

- **Founders** with 10+ years experience in ICT
- Structure made of **employees** and **collaborators** for business support, software development and professional services
- Strong **R&D** collaboration with public research centers
- Important **reference** customers both in public and private sectors
- **Quality** as business keyword

# Thank You!



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