



PALLADION

Optimizing Next Generation Networks

A real-time network intelligence software suite that increases the ROI of LTE, IMS and VoIP deployments.



Key benefits

Churn reduction

PALLADION makes customer experience measurable, and enables you to anticipate problems even before they affect the customer.

Cost reduction

PALLADION reduces the complexity of managing Next Generation Networks. It allows you to reduce the mean time to repair through advanced troubleshooting and reporting functionality.

Revenue protection

By integrating PALLADION you can prove your conformance to SLAs, provide new services to customers as well as detect and prevent revenue leakage.

Features

Complete NGN protocol support

SIP, SS7, SIGTRAN, H.248, ENUM, Diameter, RTP, RTCP and growing.

True real-time processing

No CDR analysis, no on-demand correlation.

End-to-end call correlation and call flow analysis

Look at the entire call as it traverses the network.

KPI engine

Access a large number of standard and custom KPIs for the network, trunks and customers.

Network device monitoring

Analyze the functionality and performance of network devices.

Trunk monitoring

Monitor KPIs, calls, audio quality and codecs used for each trunk.

Alerting

Become pro-active by receiving alerts not only for existing issues but also for upcoming problems affecting the customer service.

Customer experience summary

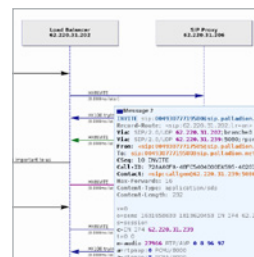
View online-status, firmware versions, registration soft-state and the complete list of all calls for advanced troubleshooting.

Remote API

Complete and unlimited access to all PALLADION data.

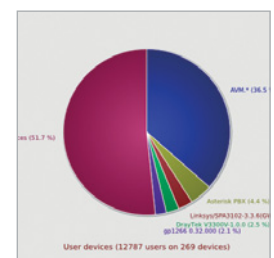
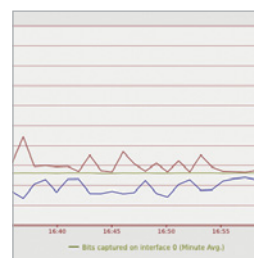
Extensibility through scripting

Implement small applications to cope with very specific requirements of your platform.



Destination	Date and Time	Unauthorized if answered with 404	Unauthorized if not followed by 404 next 5 seconds
62.220.31.202:5060	2008/04/15 13:47:31		
62.220.31.205:5060	2008/04/15 13:47:31		
62.220.31.206:5061	2008/04/15 13:47:31	REGIS	
62.220.31.202:5060	2008/04/15 13:47:31	404	

sd
D:31.202;branch=0
D:31.225;report=5060;branch=304#REG1eas3
sip:00493077711607@sip.palladion.net;tag=1012806
;:00493077711607@sip.palladion.net;tag=4148f17b;
5488000664C-40201960902.220.31.225
;t realm="iptego", nonce="48fc56e36ad692289f19f52a
;lter (1.0.0-iptego (1596)/linux)
.206:5061 *Missy feedback tells: pid=3214 req_er



What can PALLADION do for you?

PALLADION offers major benefits to a variety of user profiles:

Operations

Being in charge of operating a Next Generation Network is a challenging task. The networks consist of network equipment from various vendors, all interworking with each other as well as the end devices. Looking at the individual systems and their integrated management will allow operations to look at relevant details only.

Customer support

A helpful and efficient customer support service is critical for NGN operators. The support costs must be kept as low as possible while still providing the best service to the customers. PALLADION strongly supports operators to successfully cope with this challenge, as it provides the customer support team all the means necessary to validate, identify and solve problems on the NGN network.

Engineering

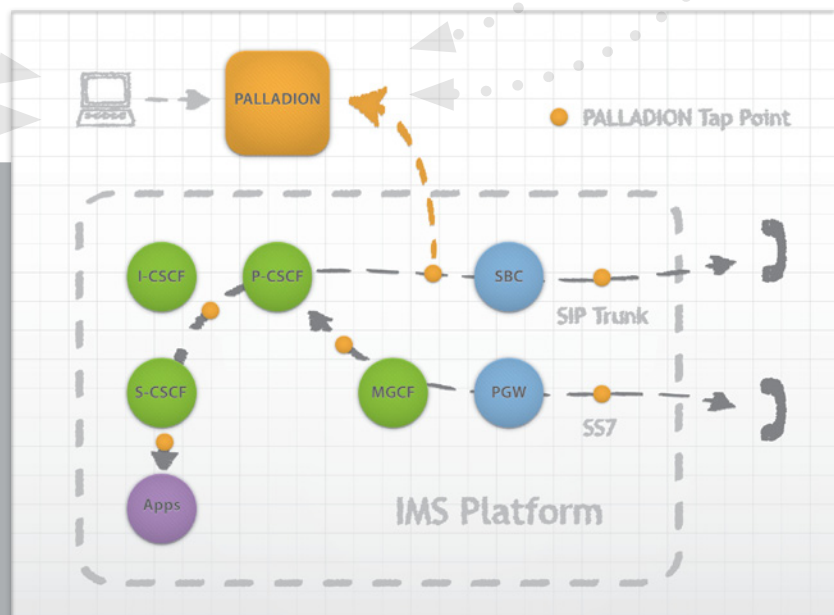
It is a major challenge to design the architecture of a Next Generation Network today. A variety of vendors of core network equipment is offering solutions following common standards, but in reality many vendors are not actually providing the level of standard compliance and interoperability they claim.

Marketing

In addition to its other abilities, the PALLADION suite also provides network intelligence on network and the users. With a large set of pre-defined KPI's and metrics which can even be extended by adding configurable metrics it can also be a very valuable data source for the marketing department.

Easy integration

PALLADION is designed to be an open system that can easily integrate with existing OSS/BSS and related systems. PALLADION does not replace existing network management, operations, provisioning, accounting and capacity planning systems; rather, it can complement them, to provide better functionality.



PALLADION can be flexibly integrated in current and future IT infrastructure, and thereby protects your investments. Currently PALLADION provides SOAP, REST, SNMP, FTP, SMTP, CSV and MS Excel interfaces.

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