

NETWORK ADVISOR

RED IRIS 2023

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25-30%

Operational network efficiency improvement with anomaly detections * >10%

Reduction in customer cases reported with anomaly detections ** **20**x

By using predictive maintenance tools, enterprises can speed up the operations by 20 times and with higher accuracy ***



* Source: <u>Analysys Mason</u> ** Source: <u>TM Forum</u> *** Source:<u>Globenewswire</u>



Al-based Network Ops companion

powered by **R**

ALE OmniVista Network Advisor is an intelligent autonomous system providing real-time network monitoring, alert of potential risks and remediation of network issues.

An IT essential network operations companion

✓ Helping to minimize risks & network downtime

✓ Maximizing Quality of Experience !



Commercial Name: "Alcatel-Lucent OmniVista Network Advisor"

OMNIVISTA NETWORK ADVISOR



Identify

- Detect issues/anomalies & trigger immediate alert
- Understand the normal network behavior with Artificial Intelligence & Machine Learning



Mitigate

- Propose a solution & the ability to fix the issue in one tap
- Automatic corrective actions for abnormal behavior and cybersecurity threats



Optimize

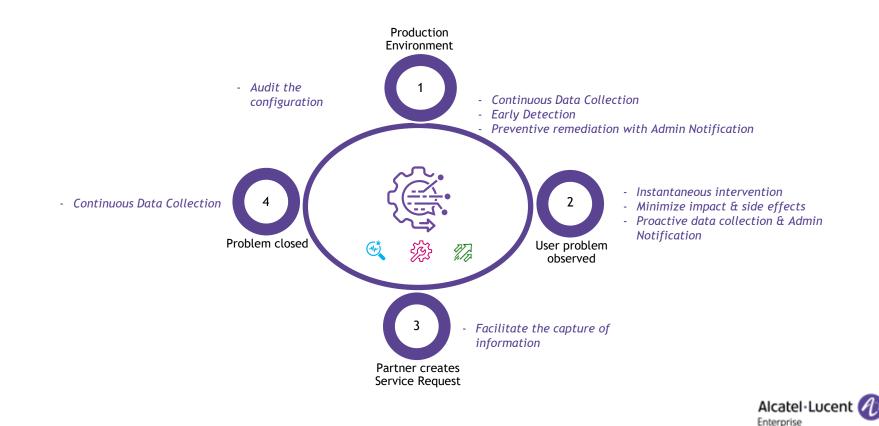
- Network fine tuning for better quality of experience
- Leverage Rainbow CPaaS: collaborate to react faster and connect to applications and other AIs

Makes your IT team operations much easier!



NETWORK ISSUES LIFECYCLE

Where can the ALE OmniVista Network Advisor help you



NETWORK ADVISOR BUILT ON TOP OF YEARS OF ALE TAC KNOWLEDGE

66%

of configuration and information requests are already known

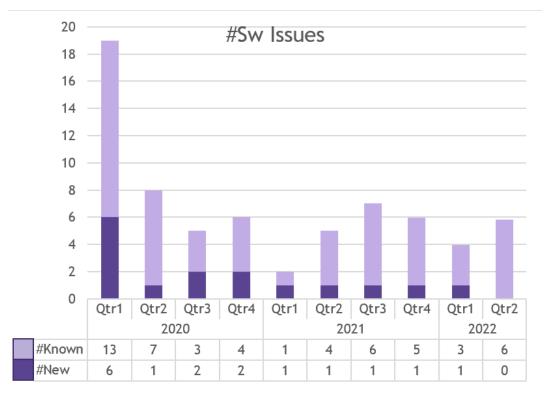


Network Advisor provides immediate resolution to known problems

For each new case, Technical Support Expert verify if the answer or solution already exists If not, he creates a new article in the knowledge base sharing the question and the solution for next customer call



EXAMPLE: A LARGE UNIVERSITY WITH MULTIPLE CAMPUSES



- 66% less issues related to configuration or from external origins
- Substantial less impact on users and much less IT effort in troubleshooting
- ALE goal: "Zero known SW issues impacting our customers' networks"



Fix a network issue in one tap

Network Advisor **detects network issues** and can apply a solution **directly from your smartphone**

#instantaneous

#mobility



12:0	💷 lin, 🖘 🛛 0	
< ом	NIVISTA NETWORK ADVISOR	
	A network loop has been detected on OmniSwitch 6865/A- 172.25.159.150-Linkagg 2 Aug 30, 2021 10:31 AM	
	We recommend to disable Linkagg 2 until the loop is fixed Disable Linkagg Ignore Remember my decision	£????
	Linkagg 2 has been temporarily disabled to remediate to the network loop	
	Remediation commands execution outputs and additional logs from the switch have been collected to ease further analysis Get logs	
	0	
! E	nter your text here 🌵	

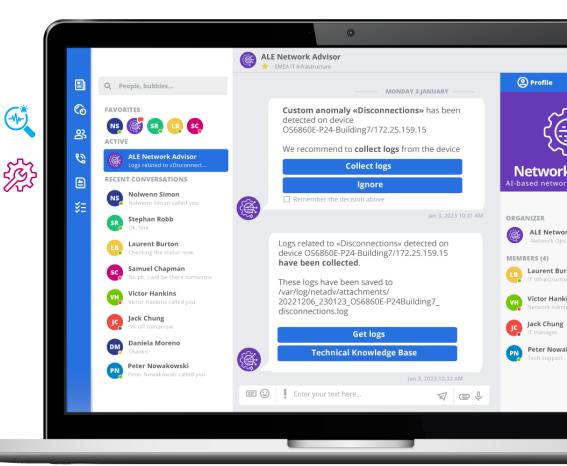
Less effort to troubleshoot

Network Advisor **captures data essential to troubleshoot** an issue when it occurs

#real data

#automatic capture







Detect & react to security threats

Network Advisor accelerates security threat detection, reaction & mitigation

#mobility

#continuous monitoring

#security

10.00		
12:00		
< ομνιν	VISTA NETWORK ADVISOR 🛛 🗸	
	DDoS Attack has been detected on mniSwitch OS6860A/172.25.159.150 Port 1/1/22 etails: DDoS Type: invalid IP DDoS source IP ddress: 158.42.353.193 DDoS source device MAC Address: 8:e7:32:fb:47:4b	
	/e recommend blocking the MAC Address f the device	
	Block MAC	ર્રેજેટે
	Ignore	(/ . >
	Remember my decision above Aug 4, 2022 4:08 PM	
	s an alternative, you can choose to sable the switch's port	
	Disable Port	
	Aug 4, 2022 4:08 PM	
b b	ttacking device's MAC Address has een blocked to temporarily remediate o the DDoS issue.	
c lo n	Ve have collected remediation ommands execution outputs. These ogs have been saved to var/log/ etadv/attachments/20221207_ 03124_OS6860A_ddos.log	
	Get logs	
_	Aug 4, 2022 4:08 PM	
Ente	r your text here 🦆	Alcatel-Lucer





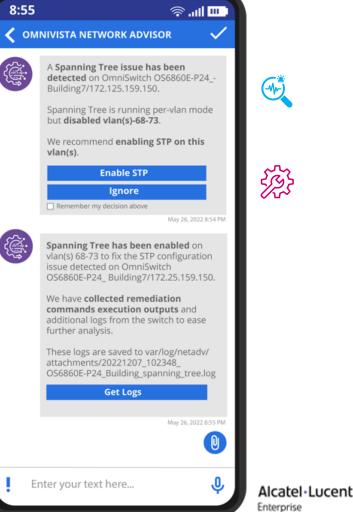


Configuration Audit

OmniVista Network Advisor alerts on possible provisioning errors and proposes corrections

#compliance

#best practices

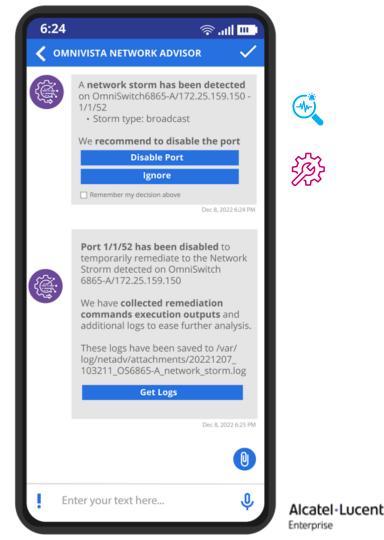




Network Monitoring

The solution is able to benchmark your network behaviors and **highlight any** sudden change

#cover the unknown



Improve the QoE

Control and adapt in real time, the functional parameters of your hardware

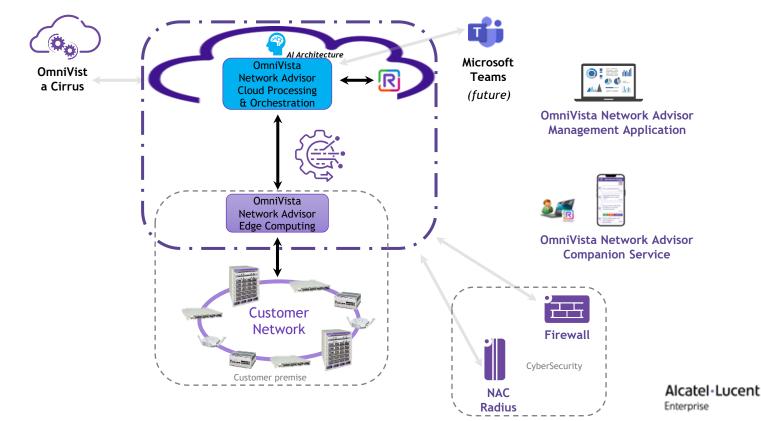
#autonomous network

#adjust QoE

6:24	💷 llı. 🛜	
< ом	NIVISTA NETWORK ADVISOR	
	The performances of your WLAN decreases, reflecting a degradation in the QoE of the connected users Do you want to adjust the Radio	(
	parameters? YES	
	NO Dec 8, 2022 6:24 PM	
~~~		
	You <b>selected YES</b> and the <b>new</b> <b>radio parameters have been</b> <b>configured</b> with the reestablishment of the QoE expected for the network.	4
	Dec 8, 2022 6-25 PM	-Lu

## OMNIVISTA NETWORK ADVISOR RELEASE 1.0 HYBRID ARCHITECTURE

An intelligent service combining edge processing and cloud technology



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June 23

# THANK YOU!



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