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Allot research finds closed loop automation adoption is key to delivering quality in high-speed 5G networks

Allot Ltd (NASDAQ:ALLT) (TASE:ALLT), a security and smart network intelligence solutions company, released findings Thursday from its "Telco Smart Trends" report, identifying the need for communications service providers to embrace Closed Loop Automation (CLA) to ensure quality.

In layman's terms, closed-loop automation is akin to tasting a dish and adjusting the recipe until you reach perfection. By closing the loop, you ensure the system works as intended. This concept is also known as Intent Based Networking (IBN). In other words, closed-loop automation is a prerequisite to deploying intent-based network services.

The report also highlights that the Internet of Things and security, fueled by the onset of 5G networks offering faster speeds and more reliable connections on smartphones and other devices, will be key drivers for CLA adoption. The report details findings from a survey conducted among 100 communications service providers worldwide to gauge the value they perceive CLA adds.

Key findings of the report include:

- Despite the benefits that CLA provides in 4G networks, three-quarters of respondents feel that CLA will be most important in either the transition period (50%) or once they have fully implemented 5G (25%).
- Around two-thirds of respondents strongly agree that CLA is important to the growth of security and IoT services.
- Independent Software Vendors are best positioned to deliver CLA with the added machine learning and artificial intelligence capabilities that cost-effectively ensure optimal performance, security and quality.
- The main barriers to implementing CLA solutions for organizations are having the skills to use the technology to the full, understanding the technology, and cost.

"Communications service providers are keenly aware of the high vulnerability associated with IoT devices and services," said Akshay Sharma at **neXt Curve**.

"CLA will be a critical capability for effectively handling the mounting IoT threats, magnified by the scale of 5G."

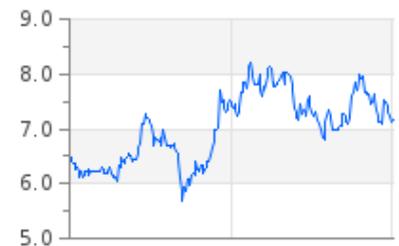
Allot said that communications service providers already realize that they need to embrace CLA and not doing so will prove costly in the long-term.

"Our report points to the fact that the CLA inherent in 5G is not enough and independent software vendors have the opportunity to provide the additional CLA functionality, powered by AI and ML to meet the growing QoE expectations," said Ronen Priel, vice president, Product and Strategy at Allot.

Price: US\$7.12

Market Cap: US\$243364000M

1 Year Share Price Graph



August 2018 February 2019 August 2019

Share Information

Code: ALLT

Listing: NASDAQ

52 week High Low
\$8.30 \$5.69

Sector: Telecoms services [T3]

Website: www.allot.com

Company Synopsis:

Allot is a leading provider of innovative network intelligence and security solutions that empower communications service providers (CSPs) and enterprises worldwide to enhance the value they bring to their customers. With over 20 years of proven success, our solutions turn network, application, usage and security data into actionable intelligence that make our customers' networks smarter and their users more secure.

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Allot NetworkSecure is the world's largest deployed network-based security service for the mass market, with over 21 million paying security customers.

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