

Clal Insurance replaces its Data Center technology with cognitive networking and automation solutions from Arista

Highlights

Challenge

Clal Insurance intended to turn its legacy data centers, which had served the company for a decade, into advanced modern data centers based on AI-Driven Cognitive technology.

Solution

- CloudVision™ software for simple network management, automation and real-time telemetry analytics
- Arista high-performance hardware platforms incl.:
 - » 7050CX3/SX3
 - » 7368
 - » 720XP

Results

- Savings in the number of switches required
- Vastly enhanced network visibility
- Simplicity: from the supply of products through the deployment, administration and ongoing management
- A user-friendly system, responsible for a significant change that is noticeable in the company's way of working
- Significantly improved monitoring of malfunctions. The infrastructure has become more stable and up-to-date

As one of the leading insurance and long-term savings companies in Israel, Clal wanted to bring its legacy data centers up to date. After issuing a tender and consulting with peers as well as other customers, Clal chose Arista's solutions in order to support traffic growth while integrating advanced analytics, visibility and network automation.



Company Overview

Clal Insurance is one of the leading insurance and long-term savings companies in Israel. The company has 2 million business and private customers and in 2019, it recorded a turnover of 5.7 billion dollars. The company comprises of three departments: elementary insurance, long-term savings, and health insurance. It employs 4,500 employees and markets its solutions through 10,000 agents.

Challenge

Clal Insurance bases its growth strategy on financial innovation and a high level of service to its insurance agents and customers. Clal's IT team ensures that the organizational systems are reliable, stable, and accessible in a wide variety of scenarios and conditions. For over a decade, Clal Insurance used a legacy manufacturer's infrastructure. Recently, that infrastructure reached end-of-life, and the data centers required modernization to support bandwidth growth while integrating updated analytical capabilities, present-day communication equipment, automation, and artificial intelligence. This was required to strengthen visibility, to implement mechanisms of deductive reasoning and to transition to a software-defined data center (SDDC).

Solution

Clal Insurance issued a tender in which Arista competed with all major network vendors. After an in-depth assessment process, Clal decided that Arista's integrated, open-standards approach would best meet its network requirements.

Haim Inger, CTO & Infrastructure Manager at Clal Insurance: "After a tender, a thorough examination with Arista's local team and discussions with Arista customers in Israel, we chose Arista solutions as our way of transitioning to modern communication equipment and supporting our bandwidth growth while also integrating up-to-date analytics capabilities, strengthening visibility, and implementing mechanisms of deductive reasoning. We opted for Arista because of its combination of technological capabilities and the quality of its solution."

Enabling network automation and real-time telemetry analytics, Arista's CloudVision solution significantly improves Clal's network operations. Cognitive analytics, leverages CloudVision's rich data source as the basis for training AI/ML models to generate better recommendations and insights for Clal's IT team.

The solution moreover combines EVPN and VXLAN technologies and provides full integration with the security environment of the VMware NSX solution.

"Throughout the implementation, we emphasized the organization's need to continue 'work as usual', especially where the Clal Insurance field agents and the website's continuity are concerned," said Haim Inger. "Arista's personnel were available at all times and quickly solved any malfunction that arose, so that we managed to complete the entire project in a record time of only two months."



Conclusion

Haim Inger notes that “Arista’s solution provides a mechanism that minimizes the legacy systems’ disadvantages. Thanks to the implementation of the solution, Clal Insurance managed to improve its operational efficiency and attain savings of hundreds of thousands of dollars. Working with the Arista team was characterized by simplicity, every step of the way — from the tender and evaluation through to the proposal of products, the implementation of the system itself, and finally the administration of its ongoing day-to-day work.”

He adds that “The system is highly user-friendly and has led to a significant and noticeable change in the way we work at Clal Insurance. Monitoring of malfunctions has become much simpler and easier, and I’m glad to say that today Clal’s infrastructure is more stable and modern. Following the success of the project, we hope that in the near future Arista will help us accomplish the unification of all Clal Insurance campuses.”



Santa Clara—Corporate Headquarters

5453 Great America Parkway,
Santa Clara, CA 95054

Phone: +1-408-547-5500

Fax: +1-408-538-8920

Email: info@arista.com

Ireland—International Headquarters

3130 Atlantic Avenue
Westpark Business Campus
Shannon, Co. Clare
Ireland

Vancouver—R&D Office

9200 Glenlyon Pkwy, Unit 300
Burnaby, British Columbia
Canada V5J 5J8

San Francisco—R&D and Sales Office 1390

Market Street, Suite 800
San Francisco, CA 94102

India—R&D Office

Global Tech Park, Tower A & B, 11th Floor
Marathahalli Outer Ring Road
Devarabeesanahalli Village, Varthur Hobli
Bangalore, India 560103

Singapore—APAC Administrative Office

9 Temasek Boulevard
#29-01, Suntec Tower Two
Singapore 038989

Nashua—R&D Office

10 Tara Boulevard
Nashua, NH 03062



Copyright © 2021 Arista Networks, Inc. All rights reserved. CloudVision, and EOS are registered trademarks and Arista Networks is a trademark of Arista Networks, Inc. All other company names are trademarks of their respective holders. Information in this document is subject to change without notice. Certain features may not yet be available. Arista Networks, Inc. assumes no responsibility for any errors that may appear in this document. 08/21