

Getter Group

RUCKUS® Campus Fabric provides a solid foundation for advanced services



OVERVIEW

The Getter Group is a leading international provider of products and solutions in the communications, IT and home electronics sector. Its operations centre around a 300-employee office facility, and a 50-employee warehouse which manages the distribution and storage of stock.

REQUIREMENTS

- A wired solution to support existing Wi-Fi
- Enhance IT infrastructure in both the office and warehouse

SOLUTION

- Implemented RUCKUS Campus Fabric solution using ICX 7750 switches for the core and ICX 7250 switches at the edge

BENEFITS

- Significantly improved the network performance
- Cut operational overheads
- Created a platform for future innovation and the deployment of smart logistics technologies.



Enabling an International Supply Chain with Campus Fabric

The Getter Group is a leading international provider of products and solutions in the communications, IT and home electronics sector. As one of Israel's leading distributors of IT products, technology plays a vital role in the business running smooth. Alongside its office space, which accommodates 300 employees, the 50-strong employee warehouse is central to the management and distribution of thousands of product lines.

Optimising the customer service and logistics operations was vital, and the Getter Group wanted to bolster the resilience and performance of internal networks with a unified campus network solution. It needed a high performance and robust solution that would enable them to take advantage of the latest smart industrial technology and integrate with their existing RUCKUS Wi-Fi system. They also needed to ensure their business-critical systems, such as telephony, CCTV, warehouse operations and Customer Relationship Management platforms benefited from the upgrade which needed to be implemented with zero impact on the business.

“Campus Fabric is a simple solution which works very well; it has outperformed our expectations. The centralised management and troubleshooting has eased pressures on our IT team, and the scalability of the solution ensures that we are always ready to adapt to business growth.”

Ilan Schwartz
CIO, The Getter Group

The Challenge

There were two key challenges for the new solution. First, it had to improve the performance of the network and reduce the maintenance overhead across both the warehouse and office, to provide reliable connectivity for Wi-Fi access points (APs), security cameras and access control, as well as desktop equipment. The incumbent solution had internal routing protocols for high availability and each device had to be managed separately which created a lot of overhead for the IT team. Second, given the rapidly-evolving nature of the industry, the solution needed to futureproof the business, for example by supporting connected devices for real-time stock monitoring. “We needed a solution which tackled the challenges of today, reducing operational costs while ensuring that we are prepared for the challenges of tomorrow,” explained Ilan Schwartz, CIO at the Getter Group.

Due to the challenges presented by Getter’s distributed office and warehouse environment, the IT team decided to take a radically different approach and deploy a RUCKUS Campus Fabric network to meet performance objectives and significantly reduce operational overheads.

The Solution

Two RUCKUS Campus Fabric solutions were deployed, one in the office and the other in the remote warehouse. Both networks are backboned on 10G Ethernet and built around a resilient ICX 7750 core with ICX 7250 edge switches which are unified via a secure routed connection between the two locations. Twelve ICX 7250 switches in the warehouse and eighteen in the office now support the services for 50 and 300 users respectively.

Campus Fabric collapses the network access, aggregation, and core layers into a single domain managed as a single logical switch instead of a complex multi-tier network. This simplifies operations, improves scalability and performance while lowering the Total Cost of Ownership. “Our Campus Fabric solution has 2x10Gig up-links from every floor so we get better performance and no bottlenecks resulting in faster application response times for the users, the up-links are connected to separate code nodes (Control Bridges) which delivers high-availability,” explained Schwartz.

CommScope’s innovative approach is superior to a traditional multi-tier network which is highly inefficient and rigid, requiring network teams to manage each individual network device individually making the application of new policies or configuration changes time consuming and error prone. Campus Fabric guarantees an exceptional quality of service to all of Getters business critical systems at all times while reducing the management burden of the IT staff. The Zero Touch Provisioning of Campus Fabric means the Getter IT team can pre-provision the new system prior to deployment and simply cut-over from the old network in just a few hours thus minimising the impact on the business.

“An important part of the solution for us was that we were able to get it up and running quickly with no downtime or service interruptions for staff. For a consumer facing business, where connectivity is vital, that was a huge benefit of the RUCKUS solution,” explained Reuven Sagi , Technical Manager for Ingeine who managed the migration.

Results

The benefits have been felt across the entire business and, with enhancements to the network, “reliability and performance



have both significantly improved,” commented Schwartz. For the IT team managing the network, there have also been substantial improvements. They can now quickly identify and fix any network issues, as the entire system is controlled from a single point of management.

The unified nature of the solution also allows the team to easily maintain the network themselves, further minimising any potential downtime. Because RUCKUS Campus Fabric collapses multiple layers into one the solution, it allows the administration team to quickly and efficiently deploy network policies across the campus thus ensuring that they can always respond quickly to changes in the business. And with Zero Touch Provisioning of new nodes network expansion is truly plug-and-play. “The Campus Fabric solution brings a totally different approach where the overview of the system is in a single point so it’s very easy to find the source of any issues and troubleshoot the system as a single entity which has cut the time required to troubleshoot and resolve issues by 80%,” explained Schwartz.

With Campus Fabric providing a solid foundation for advanced services, Getter Group is now also considering how to implement additional smart solutions within the business. “We want to make the office smart,” explained Schwartz, “and in the warehouse, we’re looking at how we can make the most of smart logistics. This will ultimately help us to streamline our business, increase customer satisfaction and help our staff in their day to day work.”

“Connectivity is crucial. It runs our offices, supports our warehouse and enables our international supply chain. Campus Fabric is a simple solution which works very well; it has outperformed our expectations. The centralised management and troubleshooting has eased pressures on our IT team, and the scalability of the solution ensures that we are always ready to adapt to business growth,” concluded Schwartz.



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CS-113846.1-EN (06/20)