

Homeware Manufacturer

Improving customer experience globally

Networking to support research and development



The Client

A British technology design and manufacturing company founded in the UK in 1991.

Originally most famous for its vacuum cleaners, the company has since branched out into fans, personal care, heaters and more.

1991

Established

18,000+

Employees worldwide

Client Story: Dyson



The Challenge



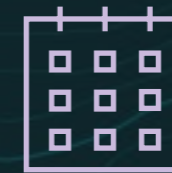
Vast Global Estate

Years of organic growth without a consistent IT approach meant the client's global network and data centre estates were vastly different and segmented, which needed addressing urgently.



Growth and Innovation Ready

With new research and development, manufacturing sites, and stores being brought online regularly, the client needed a consistent approach and defined blueprints to enable them to support future growth, scalability and innovation.



Tight Timeframes

The client's team required a partner to help them rapidly design and deploy a new site, as it was taking too long for them to achieve it alone. The imminent deadline and the added pressure of using this site as a blueprint for its other global locations meant the solution needed to be designed and deployed correctly the first time.

The Solution

The right solution for today and tomorrow.

The Natilik team worked with the client and designed a global software-defined access solution built with Cisco Catalyst 9K switches, Aironet sensors and dynamic ports, together with Cisco's DNA Centre to manage the client's core wired and wireless network.

To ensure that the network was fully secured to the edge, a supporting security stack was created. This stack included Cisco Identity Services Engine (ISE), Cisco Next-Generation Firewalls (NGFW) and Cisco Secure Network Analytics (Stealthwatch) to provide complete end-to-end protection. Alongside this, Cisco ACI was integrated to manage the visibility of the network into the data centre.

The first site to be deployed using this new model comprised of around 50 switches, which was a huge success.

The subsequent site, which had around 40 switches, was another triumph, as all the planning and configuration work had been done upfront as part of the earlier build, making it much easier and quicker to roll out. These efficiencies meant deploying the second site took less than a day, including replacing a faulty switch.

This design has now been used as a blueprint for the entire global network estate, with tools like DNA Centre and plug-and-play allowing sites to be delivered quickly and consistently across the globe. What's more, this can all be completed without requiring skilled engineers to be sent to remote sites.





Natilik's approach consisted of:



02. Design

Through a series of workshops and showcases it was discovered that a more cutting-edge solution would be beneficial for the client's sites.



03. Transition

The Natilik team worked day and night to deploy nearly 100 switches across the initial two sites to deliver to the client's requirements on time and to budget. Deployment support was also provided for subsequent sites as part of the larger global network upgrade.



04. Manage

Ongoing support is delivered via a five-year DNA Advantage subscription, five-year Partner Shared Support and access to Natilik's 24/7 Tech Support team.

The Outcome

Fortunately, owing to a massive collaborative effort between Cisco, Natilik and the client's internal IT team the project for the first location was a success, going live on time without a hitch. The success of this deployment meant it could be used, as planned, as a blueprint for the client's vast global locations.

By embracing a software-defined approach (SDA), the client can utilise automation to enable rapid deployments through optimised configuration with best practice and security built-in. This approach and delivery mechanism means that the deployment time required per site has been reduced from 28 to 10 days.

The Natilik team also enabled full visibility of the client's network, enabling its team to closely monitor the activity of 70,000 connected devices, from the cloud. With this capability, the client can now quickly identify and eliminate any hidden threats, ensuring a more secure and protected environment, all of which has led to an increase in its SecOps team's productivity.



Three key project outcomes



Automated solutions

The automation element of the solution means that deployments are quicker, cheaper and more consistent.



Empowering innovation

The use of SDA, DNA Centre and Stealthwatch, allows for deeper insight into traffic flows at the site, which helps with capacity planning and allows the research and development teams to get on with innovating.



Fully supported

The support offered by Natilik's 24/7 Tech Support team means that if any issues arise, they can be dealt with promptly with minimal to no disruption to those working at the site. As all sites are designed using a standard blueprint support has been made much easier and more efficient.



Begin your journey to transformation today

Contact us

London Office

9A Devonshire Square
London
EC2M 4YN
United Kingdom

+44 203 597 8000
info@natilik.com

New York Office

2 Park Avenue,
20th Floor
New York, NY 10016
United States of America

+1 646 766 8600
info@natilik.com

Sydney Office

Level 63
25 Martin Place
Sydney 2000, NSW
Australia

+61 2 8294 5500
info@natilik.com

natilik.com