

Umicore and Zscaler™

Umicore is a global materials technology and recycling group, employing over 10,000 people in more than 100 sites across the globe. The company has a highly sustainable model with a unique closed loop of recycling and refining precious metals which are, among others, used for rechargeable battery materials. With “focus” being one of the core values of the firm, Umicore ranked as the most sustainable company in the world two years in a row.



Brussels, Belgium
www.umicore.com

Umicore is a global player in materials technology. Umicore develops technologies and produce materials for high-grade solar cells, rechargeable batteries, LED applications and catalytic converters.

User Count: 8,500

Industry: Manufacturing

Zscaler Product: Web Business Suite, Bandwidth control, and Guest Wi-Fi (Shift)

Customer @ A Glance

The company's IT has a supporting and enabling function whereby robust and reliable platforms, excellent support and a simple IT set-up enable staff to focus on realizing corporate values and optimizing the business. The two other core values at Umicore are simplicity and productivity. They are the guiding principles of Umicore's IT approach and infrastructure, going hand in hand with the key IT principles of reliability and security.

The challenge: simplicity, productivity and reliability in a distributed reality

How you can make your IT systems safe and reliable, simple, productive and focused in a highly distributed environment? On top of having more than 100 sites spread over the world, Umicore's staff needs to be able to work at the sites and at home.

As Umicore increasingly started to use cloud applications, the need for Internet access grew fast. The IT team needed to scale up Internet access in a secure way, taking into account the distributed reality.

However, the security controls were only present in the larger manufacturing plants.

The IT division had two choices: backhauling the Internet traffic through the company's private MPLS with an Internet breakout in regional data centers or deploying a cloud-based Web security solution with local Internet breakouts.

Given the costs and latency issues in the first scenario, Umicore started looking for a cloud-based provider. After having analyzed the market, the company decided to launch a proof of concept with Zscaler. As it worked out perfectly, a global roll-out followed rapidly in 2012.

“Zscaler is an almost zero-touch platform. It runs smoothly, we have relatively little changes on a yearly basis and if there is an incident we get in touch with the support people.”

Joris Van Herzele | Head Infrastructure Management for Network and Security



The second challenge: removing complexity with superior support services

With the roll-out the goals of simplifying the IT environment, keeping in mind productivity, reliability and security were a fact and ever since Umicore renewed its contract with Zscaler. One of the reasons to do so, which again stresses the need for simplicity is the fact that, in the words of Joris Van Herzele, Head Infrastructure Management for Network and Security & CISO at Umicore, the Zscaler cloud is an almost zero-touch platform. However, a solution is more than a platform and includes support services as well. For Mr. Van Herzele it's a second reason why Umicore sticks with Zscaler. Mr. Van Herzele:

“The Standard Support services of Zscaler are superior, compared with other IT services providers.”

As Umicore was deploying a new WAN network and switched to GRE tunnels to standardize and further simplify its IT set-up, IT wanted to make the processes as smooth as possible, ensure business continuity, reduce complexity and minimize adjustments on the spot. The changes concerned the full network and a scenario was needed to achieve these goals.

Zscaler's Premium Plus Support service, which provides a designated TAM (Technical Account Manager), proved to be essential in tackling more complex migrations and tasks at hand.

“In the daily operational run, the standard Zscaler support more than suffices. In case of more complex change projects, whether they concern initial deployment or architectural changes, there is absolutely value in sourcing a designated support person within the support organization of Zscaler. As part of the Premium Plus Support offering.”



The solution: bringing in support and expertise with a clear understanding of the business goals

Umicore brought in a Technical Account Manager to make the complex migration simple and effective. The Technical Account Manager assisted in setting the migration scenario up and investigated the ways to do as much as possible in advance of the migration, further minimizing the needed change window. Once the methodology was designed, it was just a matter of migrating location per location, always with the same methodology.

“Zscaler enabled us to deploy the same technology, the same platform, the same set-up, the same architecture and the same configuration with the same policy worldwide for all our users.”

Gaining fast access to knowledgeable support people who take care of a solution themselves with a rapid response time and high quality standards is rare, Mr. Van Herzele states. Moreover, working with a support team that also clearly understands the IT priorities and the business, proves to be highly valuable with a minimal change window and no user impact.



The result: cost avoidance and minimal change windows

Working with Zscaler first and foremost is a matter of cost avoidance for Mr. Van Herzele. Opting for a cloud security approach offers numerous benefits on levels such as latency, agility and simplicity so staff can focus on core activities with high user satisfaction.

The above par support services further contribute to cost avoidance. A rapid deployment of dedicated and knowledgeable support staff for complex change projects results in the ability to maintain the key values as the complexity is shifted to the right people.

Umicore brought in a Technical Account Manager for more transformational projects, among others in the deployment of new cloud services, which is an irreversible trend that requires a stable and reliable environment as Mr. Van Herzele points out, in the scope of further standardizations within its IT environment and for minor customizations in the reporting services of Zscaler. These reporting services fit in the proactive security views of Umicore and create the needed visibility in all simplicity.

Umicore also called upon additional support when the company was looking at a new Windows 10 image. Initial testing and roll out of Zscaler App was facilitated through the use of Deployment Advisory Services. Instead of spending internal resources to figure out the details on Zscaler App, Umicore opted for a short-term mission to deploy the Zscaler App. The configuration was done in just one day. Mr. Van Herzele concludes:

“The reliability of an almost zero-touch platform, the superior default service, the benefits of working with knowledgeable support people who understand our goals of simplicity, productivity and focus as proven in several cases and the cost avoidance possibilities are the reasons why we work with Zscaler – and keep renewing our contract.”

About Zscaler

Zscaler enables organizations to securely transform from the old world of IT, which focused on securing the internal network, to the world of cloud and mobility, where the Internet is the new corporate network. Zscaler delivers the inbound and outbound gateway stacks as a service, providing secure access to the Internet and applications in the data center or cloud. Each day, the Zscaler cloud processes more than 30 billion requests, blocking 125 million threats for 5,000 organizations in 185 countries, and the ThreatLabZ research team provides continuous protection from new and evolving threats. Visit [zscaler.com](https://www.zscaler.com).

