KITO - keyIT Outsourcing

Enhancing IT Resilience and Driving Collaboration:
the Bcomp Example

keyIT

THE
CHALLENGE

As Bcomp experienced significant growth, the company recognized an increasingly critical need to strengthen its IT management and security infrastructure.

Aware of the importance of working with a partner familiar with stringent security protocols and compliance requirements, Bcomp turned to a team with extensive experience in implementing robust IT solutions tailored to today's challenges.

This strategic decision reflects Bcomp's commitment to aligning its security efforts with recognized best practices in highly regulated industries, ensuring the highest level of protection for its digital infrastructure and sensitive data assets.

BCOMP

Bcomp is a Swiss cleantech company and a global leader in sustainable lightweighting solutions. Its proprietary natural **fiber reinforcement materials, ampliTex™ and powerRibs™**, help decarbonize production and reduce environmental impact across a wide range of high-performance applications.

These include motorsports, automotive interiors, public transportation, leisure equipment, consumer goods, and the aerospace industry.

Bcomp's team provides engineering support and expertise worldwide, from concept to industrial-scale manufacturing, operating from its headquarters in Fribourg, Switzerland, and an office in Shanghai, China.

"keyIT provides us with close, practical, and effective support in networking and security."

Hichem Chekhab, IT & Security Manager at Bcomp

For more information :

www.bcomp.com

Bcomp®

THE
SOLUTION

To address these challenges, Bcomp chose to rely on **keyIT Outsourcing (KITO),** keyIT's managed IT services offering. Since 2023, keyIT has been supporting Bcomp in managing, securing, and optimizing its IT infrastructure.

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THE
SOLUTION

As a specialist in IT environments operating within regulated contexts, keyIT provides continuous management based on proven technologies and the application of best practices in security and compliance.

Thanks to KITO, Bcomp has strengthened its IT resilience and enhanced the protection of its digital assets, while ensuring seamless collaboration. Several key improvements have been implemented :

Securing and optimizing Microsoft 365

Bcomp enhanced its use of Microsoft 365 with the support of keyIT, which strengthened security settings without compromising seamless communication and collaboration across teams.
A business-aligned backup solution was also implemented, ensuring the protection and availability of critical data

Proactive system monitoring

keyIT implemented a continuous monitoring system to rapidly detect and neutralize suspicious activities.
Defense mechanisms were also integrated to reduce the attack surface and effectively block threats such as intrusion attempts, malicious attacks, and unwanted traffic.

Advanced network architecture

Bcomp strengthened the security and control of its network infrastructure with keyIT's support, leveraging a structured, security-driven architecture. Network segmentation and improved traffic visibility enable precise control of communications and reduce exposure surfaces.

A **Network Access Control (NAC) solution** was implemented to regulate network access based on user identity, device type, and compliance level.
This approach ensures consistent access policies while minimizing risks associated with unmanaged devices, without impacting business operations.
At the same time, firewalls were configured in accordance with **CIS Benchmark Levels 1 and 2**, establishing a security foundation aligned with recognized best practices. **Altogether, these measures enhance access management, improve intrusion prevention, and ensure a secure and stable network infrastructure.**

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KEY IMPLEMENTATIONS

Migration to Microsoft 365

Bcomp secured and structured its Microsoft 365 environment with the support of keyIT. Security settings were strengthened while maintaining continuity in collaborative workflows.
This approach ensures service availability, system reliability, and enhanced protection of digital resources.

Advanced network architecture

The network was structured around managed equipment and controlled segmentation to improve traffic visibility and control.
A Network Access Control (NAC) solution regulates access to the network based on user identity, devices, and their compliance level.
Firewalls were configured in accordance with CIS Benchmark Levels 1 and 2.

Proactive system monitoring

keyIT implemented a continuous monitoring system to rapidly detect abnormal events.
Alert mechanisms enable quick incident response, helping maintain system stability and minimize service disruptions.

THE
RESULTS

The implementation of new systems and processes by keyIT has reduced the time spent on IT management tasks, allowing Bcomp's team to allocate resources more strategically.
In addition, enhanced collaboration tools have improved communication and coordination across teams.
Furthermore, the proactive monitoring systems implemented by keyIT have enabled faster detection and resolution of IT issues, minimizing downtime and reducing disruptions to business operations.

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