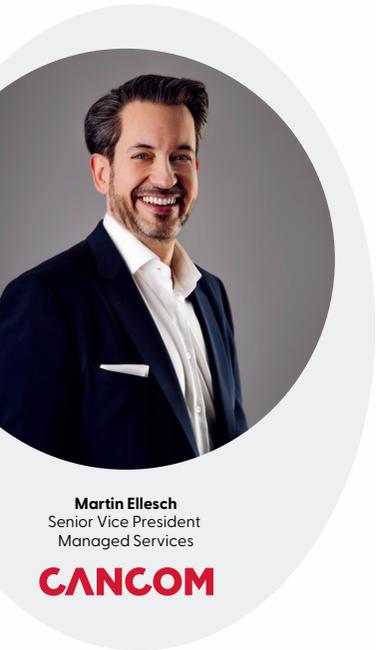


*What do
cable management
and IT security really
have in common?*

NIS2, check!

Enhanced organization, faster troubleshooting, fewer outages:
How PATCHBOX makes IT infrastructure NIS2-ready.



Martin Ellesch
Senior Vice President
Managed Services



“Cable chaos is a hidden security risk.”

Martin Ellesch of CANCOM Converged Services GmbH discusses the positive impact of cable management systems on IT security, the biggest risk factor, and his own practical experiences with PATCHBOX in this interview.

We only ever hear about external attacks – how significant is the impact of our own IT infrastructure on security?

Martin Ellesch: Physical security aspects, in particular, have been neglected until now and are only now coming to the fore with NIS2. The biggest risk is the human factor – and this has simply received too little attention in the past.

Can cable management systems like PATCHBOX contribute to meeting NIS2 criteria?

Martin Ellesch: Absolutely! They reduce the risk of system failure, enable structured cabling (explicitly mentioned in NIS2), and assist with troubleshooting. Clean patching allows the causes of failures to be identified much more quickly.

I can imagine that more and more companies will therefore be turning to systems like PATCHBOX.

How should we envision due diligence in the network cabinet?

Martin Ellesch: It starts with clear access permissions, extends to regular checks, and includes thorough documentation. We must ensure all of this with NIS2.

What are your personal experiences with PATCHBOX when organizing server racks?

Martin Ellesch: It works very quickly, enables structured work, and the cable retraction function is simply unbeatable. This eliminates dangling and excessively long cables; everything is the right length.

About NIS2

The Europe-wide Data Security Directive NIS2 comes into force this year, bringing new challenges. In addition to external threats, the revised directive focuses on IT infrastructure for the first time. The goal: Companies and organizations are being held more accountable. They must ensure smooth operation and reduce outages to an absolute minimum.

From 2025, more companies will be affected than before (NIS2 is the revision of the NIS regulation that has been in force since 2016), and everything revolves around risk management. The network cabinet plays a key role in this, as physical network security is the foundation of cybersecurity. A well-organized server rack not only improves maintenance efficiency but also reduces the risk of misconfigurations and security vulnerabilities.

Who is affected?

In Germany, around 30,000 companies and in Austria, around 4,000 companies are obligated to comply with NIS2. Even if the directive does not affect everyone: IT security is always a good investment!

Size

Companies with 50 or more employees

Revenue

Companies with an annual turnover of 10 million euros or more

Industry

Critical infrastructure (such as energy, food, drinking water supply, digital infrastructure, and their suppliers) as well as companies that exclusively offer similarly critical services



What is it about?

- NIS stands for “Network and Information Security” and aims to make the public and private sectors more resilient to security risks.
- Due diligence: Companies must introduce and enforce security standards.
- Documentation: Security processes should be documented in a traceable and verifiable manner.
- Audit: Regular checks help to prevent outages.
- Reporting obligations: Reporting incidents to a central reporting register.

NIS2 should by no means be ignored: High fines are threatened for violations, and managing directors are even personally liable!

What to do?

- Identify vulnerabilities in your own system
- Establish IT risk management
- Define and implement minimum IT security standards
- Regular checks and audits
- Set up an incident reporting system

NIS2 will be implemented into national law in 2025 (without a specific date) – it is better to act sooner rather than later!

What does PATCHBOX have to do with NIS2?

PATCHBOX can not only make companies NIS2-compliant, but also help to implement the highest security standards in the network cabinet and server room:

01 Physical network security

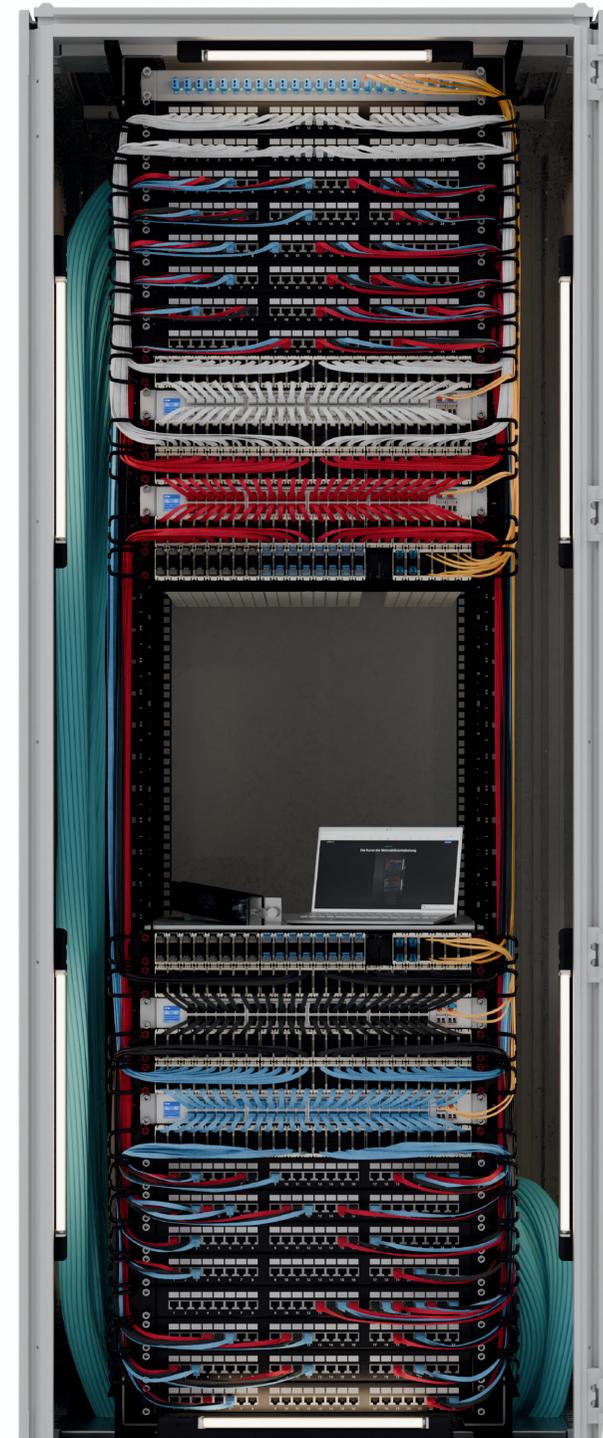
No cable clutter in a completely overcrowded network cabinet (which can no longer be locked). PATCHBOX ensures order, physical access and manipulation are made more difficult, and unauthorized interventions are noticed more quickly.

02 Highest security standards

With PATCHBOX cabling, the mandatory audits are completed in no time, and the documentation almost creates itself.

03 Maintaining business continuity

The most important advantages of the PATCHBOX solution (tidy network cabinet, better air circulation, easier troubleshooting, faster re-cabling) help to further reduce outages and downtime.





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