Success Story

KLEBL

The Challenge

Today, a pervasive IT infrastructure is a must for any present-day construction company. Construction sites need to be connected to the company securely with high-speed links – and this also holds for the sites among each other. To accomplish this, the Klebl group looked for a technological and organisational solution to ensure easy and efficient access to all provided applications, processes, and technologies for all concerned.

The Solution

A centralised IT and process organisation was was set to combine performance with cost-efficiency. IT outsourcing is an integral part on this strategy. Employing their high-performance network spanning across Germany, noris network ties secure links to the centralised IT system and enables effortless access for authorised users. noris Managed Services help relieve Klebl's IT department from many routine tasks.

The successful project

Less maintenance effort and cost for IT operations, increased efficiency: With the help of noris managed ssl-vpn, construction sites, mobile employees, and IT engineers now have access to the centralised system at any time. Technology talks at regular intervals facilitate the continuous advancement process. Today, for example, a security solution managed directly in noris network's data centre is also in place, protecting Klebl's IT infrastructure while it continues operations unchanged.

Secure Internet
on the Building Site and
in the Company's headquarters

noris network

"For noris network, we are not just a contract number that receives nothing but fixed services provided according to specified service level agreements. The two organisations work with each other at eye level, and that makes all the difference. The Klebl group's centralised company strategy works perfectly with noris network", says Thomas Tröndle, head of IT and organisation, Klebl group.

Easy access to the organisation

The construction company needs to create the infrastructure to enable project management on-site even before the first excavator moves to the construction site. Operating Germany-wide, the Klebl group successfully uses the noris managed ssl-vpn solution for this purpose. Making use of simple DSL lines or mobile telephony cost-efficiently, it enables secure access to Klebl's corporate network. There is no need to lease dedicated lines.

SSL-VPN replaces dedicated line

A high-speed, encrypted VPN (virtual private network) connection links Klebl's head office in Neumarkt to noris network in Nuremberg. Here, a remote access solution runs under the protection of a highly available firewall infrastructure, allowing Klebl's employees to log in via the Internet. A simple Web browser that sets up a link securely encrypted with SSL (secure socket layer) to noris network's high-performance data centre is all users need to gain access. To achieve this, a user enters the currently valid password, which is generated by his or her personal token. On successful authorisation, the noris network security server connects on into Klebl's corporate network.

Remote monitoring and maintenance

Using remote monitoring, both noris network engineers trained for ISO/IEC 27001:2005 standard security management and automatic systems keep Klebl servers' and systems' operation under control. If an event occurs, Klebl engineers are alerted automatically and can log into the affected system via noris managed ssl-vpn and respond. Klebl and noris network regularly discuss possible process advancements in technology talks, for example by employing noris network's innovative unified threat management (UTM) security solution. "Our existing firewall continues to operate without any modification or restriction, so now we have a redundant security system with improved spam filter performance and an additional anti-virus protection shield", head of IT Tröndle explains.

Data & facts

- Remote monitoring of 42 centralised servers as well as 11 servers at finished part factories
- Provision of a security infrastructure certified according to ISO/IEC 27001:2005
- Remote access using SSL VPN links and security tokens
- Technology talks at regular intervals for a continuous advancement process.
- A redundant unified threat management (UTM) security system filters Internet traffic previous to passing it on to Klebl's infrastructure

KLEBL

KLEBL is a family owned company based in the Upper Palatinate and a recognised concrete construction service provider for medium-sized and large construction projects. Top level construction – this has been the maxim of this strong, dynamic, and healthily growing group for four generations and still is. The group operates six corporate locations with 1100 employees; its activities lie in the competency fields of construction, finished construction parts, and trade.

noris network AG

Nuremberg-based noris network AG offers enterprise customers tailor-made ICT solutions in the areas of IT outsourcing, cloud services and network & security. Technological basis of these services is a powerful IT infrastructure that relies on noris network's own high-performance backbone and multiple high-security data centers. noris network AG is fully certified according to ISO/IEC 27001 and ISO/IEC 20000 and has a BSI certification for its own data centers. The data centers have been awarded the maximum rating of five stars in the eco Datacenter Star Audit conducted by eco (Association of the German Internet Industry).