

Reading sample



Modern network management

with scalable and cloud-native solutions
for holistic network control

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Introduction

In the last two years, the prevalence of working from home and the COVID pandemic have fuelled digitization in companies even further. Cloud infrastructure has been brought into focus and new software-defined solutions have been established in IT areas that previously caused problems on the hardware side. They are now to help companies meet the ever-increasing expectations. Especially in the area of network management can a change be seen. Companies need to be able to flexibly adapt their networks to new performance requirements. In general, flexibility and scalability play a much greater role today than they did a few years ago. In addition, not only the working methods and techniques have changed. The number of devices in the networks has also risen rapidly. These devices now have to be identified, managed and connected.

This is not always easy as each device has different characteristics, functions and security risks. The need to be able to keep track of the situation often causes network administrators quite a few problems. But automated and high-performance networks are now a prerequisite for modern digitization technologies (such as IOT or multi-cloud).

But what is the current situation with regard to network management in companies? What are the challenges users are facing? What are the advantages of network management? And what are the advantages of migration to the cloud? These questions, and others, are analysed and presented in the "Modern network management" study. The answers of 200 IT experts from 200 companies with between 150 employees and 2500 employees provide the data base.

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About techconsult GmbH

As a research and analyst company, techconsult has been the partner for suppliers and customers of digital technologies and services for 30 years. techconsult GmbH is managed by the managing partner and founder Peter Burghardt at the Kassel site with a branch office in Munich.

About LANCOM Systems GmbH

LANCOM Systems GmbH is a leading European manufacturer of network and security solutions for businesses and the public sector. The range includes hardware (WAN, LAN, WiFi, firewalls), virtual network components and cloud-based software-defined networking (SDN).

Software and hardware development as well as production primarily take place in Germany, as does network management hosting. Special attention is given to trustworthiness and security. The company undertakes to offer backdoor freedom for its products and is a representative of the trust mark "IT Security Made in Germany", which was initiated by the Federal Ministry for Economic Affairs and Climate Action.

LANCOM was founded in 2002 and its headquarters are in Würselen near Aachen. The customer base includes SMEs, authorities, institutions and large group companies from around the world. In summer 2018, the company became an independent subsidiary of the Munich-based technology group Rohde & Schwarz.

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