White Paper: What contributions do infrastructure components make?

Videoconferencing between two sites is now no longer a problem. Connect two systems via IP - and visual communications are up and running. This simple videoconferencing scenario is not very complex and can be quickly implemented. But what if the number of systems increases? If the IP connection is not so easy to make, if firewall rules must be observed or there is no direct IP connection?

What if the system must also be accessible to third-party systems? What about security? Even with only a small extension of the scenario it rapidly becomes evident that every installation, every solution, every videoconferencing network is unique.

Videoconferencing networks are more than just interconnected end points. Efficient networks require infrastructure - MCUs, transit servers, firewall traversals and management systems - to guarantee efficient, secure operation. The larger the company and the more refined the requirements, the more complex the network must be - and the more comprehensive the knowledge of technologies, equipment and processes, as well. For a sustainable, scalable and high-quality solution it is necessary to consider every system component - for a network solution is more than the sum of its parts. It is emergent. It will need, in addition to its multi-point capability, significantly increased compatibility with older systems; in particular, the possibility of connecting modern SIP terminals to traditional H.323 systems. And all of equivalent quality. Likewise, with available ISDN gateways ISDN video conference (H.320) and telephone participants can be easily included in conferences.

That is why we invest heavily in our employees' knowledge - knowledge that is essential if the scope, specificity, complexity, difficulty or importance of your network exceeds a certain level.

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Did you know?

In today's world videoconferencing systems are part of a sound business strategy; they cannot be ignored because they both reduce costs and create an environmentally favourable public image.

These cost savings and the reduction in the use of fossil fuel resources are considerable and an important factor in business planning for companies of all sizes. This leads to higher profitability and adds greater value for all stakeholders over the long term.