

## Your benefits

- Provision of a comprehensive switching infrastructure saves work, time and money
- Full operational responsibility for availability and management by indevis
- Full service from indevis: devices, licenses, setup, policies, replacement service, and much more
- Planning, rollout, updates, upgrades and Service Desk
- Shifting from CapEx investment outlay to OpEx operational costs



## DO YOU WANT TO KNOW MORE?

Your personal contact person will be happy to advise you and discover together with you what concept bestfits your needs.

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## INDEVIS SWITCHING

# SWITCH NOW TO THE INDEVIS ALL-INCLUSIVE SWITCHING SERVICE

An advanced level of digitalization and modern networking are increasingly becoming more and more crucial to business profitability. Competitive businesses demand flexibility, scalable and failsafe connectivity as well as integrated network security – but without the complexity of a conventional network management system. *indevis Switching* presents a new method for setting up and operating networks: by providing switching infrastructure and adopting full operational responsibility indevis relieves IT departments of tasks outside their scope of core competence.

### SCALABILITY AND COST EFFICIENCY

It takes a lot of work and know-how to set up and run a flexibly scalable network that offers a wide variety of management, monitoring and security functions. It is becoming more and more difficult for many business organizations to provide specialist service staff. In addition, many companies prefer to settle their investments in hardware, licenses and maintenance in the form of monthly expenses. *indevis Switching* is the ideal solution for all companies wishing to save themselves the effort and investment needed to run their own switching infrastructure.

### STABILITY AND SECURITY

indevis provides a switch infrastructure for establishing a layer-2 network and for use as a service. The service is dimensioned according to the number and type of deployed switches.

indevis assumes operational responsibility, including responsibility for the change, incident, problem and patch management process. To safeguard a secure switching infrastructure, indevis monitors the switches and ensures their availability during the service operational hours.

The *indevis Switching* service is billed on a monthly basis according to the size and number of deployed switches, the number of included standard changes, and to the selected SLAs on the response time and availability. In this way, indevis fully facilitates the use of a modern, efficient network without customers having to make any CAPEX investments of their own.

### BENEFITS OF THE INDEVIS FULL SWITCHING SERVICE:

- Provision of a complete switching infrastructure, including operational responsibility
- Centralized global management of the deployed switch devices
- Two service levels: Basic and Enterprise
- Updates and upgrades in addition to a service desk
- Support in capacity planning and rollout, flexible scalability
- Full service from indevis: devices, licenses, setup, policies, replacement service, and much more



## TWO SERVICE OPTIONS – MAXIMUM BENEFIT

*indevis Switching* can be ordered in the versions Basic and Enterprise. Both versions are centrally managed by *indevis*. The components in the Basic version are managed purely on a cloud basis. In the Enterprise version you can select between cloud-based management or *indevis*-hosted management.

In order to ensure the availability of the service, *indevis* automatically checks the following parameters on the switches at regular intervals (the monitored parameters can vary between switch models).

Monitored parameters	Basic	Enterprise
Availability	✓	✓
Firmware (bugs and vulnerabilities)	✓	✓
CPU		✓
Storage usage		✓
Uplink interfaces		✓
PoE budget		✓

## OPTIONAL RANGE OF SERVICES FOR INDEVIS SWITCHING

Optional services can be additionally booked for *indevis Switching* in the Enterprise version. These services are then billed every month on a flat-rate basis.

- **Layer 3 Routing:** The switching infrastructure implements static inter-VLAN L3 – IPv4 routing. Depending on the topology, routing takes place on one or more switches. *indevis* maintains the static routes and configures the Layer-3 interfaces.
- **VLAN Extension:** The number of VLANs can be extended to up to 100. *indevis* provides the requested number of VLANs, configured as specified.
- **Port Security:** Authentication compliant with 802.1x is configured at the switch access ports. This means that ports cannot be used until they have first been successfully registered. Optionally, for devices that do not support authentication, the MAC addresses of these devices can be saved at the ports. *indevis* configures the authentication at the switch ports and maintains the authorized MAC addresses.
- **PoE+:** *indevis* provides PoE+ instead of PoE-enabled switches.
- **indevis Hosted Management:** The central management component for the switch infrastructure is hosted by *indevis*. Hosting takes place in an *indevis* German data center and not in a public cloud. *indevis* has responsibility for the availability and functionality of the central management component, as well as for the change, incident, problem and patch management process. *indevis* also ensures the availability of the operation during the service hours.

The service options available in the Basic and Enterprise versions are shown below:

Service option	Basic	Enterprise
Layer-3 Routing		✓
VLAN Extension	✓	✓
Port Security		✓
PoE+		✓
<i>indevis</i> Hosted Management		✓

Would you like to get to know *indevis Switching*? We would be happy to present the service to you in a demo session where you can learn about the benefits of a flexible and secure switching infrastructure for your business.

## About *indevis* GmbH

Since 1999 *indevis* GmbH, ISO 27001 certified, has been providing IT security, datacenter and network solutions, accompanied by professional consulting, management and support services. In doing so, *indevis* fully meets the demands and requirements set out by the economic sector and public authorities and higher education institutions.

As one of Germany's leading managed security service providers, *indevis* is the partner for IT security and network technology for companies of all sizes and in any sector – after all, IT security is not a given, but rather has to be strategically planned.

*indevis* offices are located in two cities in Germany: Munich and Hamburg. Additional staff members work at a number of other locations distributed throughout Germany.



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