



## Your benefits

- Provision of a comprehensive WLAN infrastructure saves work, time and money
- Full operational responsibility for availability and management by indevis
- Full service from indevis: devices, licenses, setup, policies and much more
- Planning, rollout, updates and service desk
- Guest network including captive portal
- 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 WLAN

# SET YOURSELF FREE WITH THE INDEVIS ALL-INCLUSIVE WLAN SERVICE

Mobile devices are indispensable nowadays for staff productivity. As a consequence, a reliable WLAN infrastructure is particularly crucial as unsatisfactory user experiences have a significant impact on commercial success. However, it is a very complex endeavor requiring a high level of know-how to operate a flexibly scalable WLAN that supports the ever-growing number of devices and a wide range of management functions. It is also becoming increasingly difficult for many businesses to retain expert service staff. Many companies now prefer to account for investments in hardware, licenses and maintenance in the form of monthly expenditure.

### SECURITY AND LOW COSTS

indevis provides a WLAN infrastructure as a service, and at the same time is responsible for all aspects of its operation. *indevis WLAN* can be dimensioned as a local, regional, national or global service that ensures a flexible and secure network infrastructure without the need for any additional CaPex investments (with the exception of the client's autonomous installation of the access points).

### TECHNOLOGY PROVEN OVER MANY YEARS

indevis has been offering its tried and trusted *indevis WLAN Management* service for many years now. The result of this indevis cloud-managed WLAN is a particularly flexible, reliable network infrastructure. indevis incorporates its wealth of experience in the field into the new *indevis WLAN* service.

### TWO SERVICE OPTIONS – MAXIMUM BENEFIT

The comprehensive all-inclusive *indevis WLAN* service is available 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 management hosted by indevis..

### BENEFITS OF THE INDEVIS FULL WLAN SERVICE

- Provision of the complete WLAN infrastructure, including operational responsibility (without physical installation of the infrastructure)
- Centralized global management of the deployed access points
- Two service levels: Basic and Enterprise
- Updates and a service desk
- Assistance in capacity planning and rollout, flexible scalability
- Full service from indevis: devices, licenses, setup, policies and much more
- Guest network, including a captive portal – optionally with private preshared key technology



## GUEST NETWORK INCLUDED – OPTIONAL PRIVATE PRESHARED KEY

With the guest network you can easily organize the management of personal equipment and guest devices by means of automated self-service workflows for device onboarding. Using the Guest Management function and a captive portal provided by indevis, you can create and issue guest vouchers for authentication yourself without any difficulty.

The optional PPSK technology enables secure, profile-based network access in which different user-related private preshared keys can be used. If a staff member leaves the company or should a device be lost, only the PPSK of the user/device is deleted, while all other PPSKs continue to work as before.

## SCOPE OF INDEVIS WLAN SERVICE

Standard services	Basic	Enterprise
Enterprise SSIDs and Access Points	✓	✓
Guest network with Captive Portal	✓	✓
Optional services	Basic	Enterprise
WPA2 Private Preshared Key		✓
indevis Hosted Management: cloud-based or hosted by indevis		✓

## SIMPLIFIED WLAN NETWORKING WITH CLOUD-MANAGED HIVE TECHNOLOGY

The access points deployed by indevis independently organize themselves in a so-called hive – i.e. a collection of individual access points that behave and can be managed as a single unit without centralized WLAN switches or controllers that are otherwise required.

The access points themselves are responsible for processing management information and for collecting data regarding the capacity level of the network. In addition, information on Service Level Agreements, firewall policies, quality of service of applications, and security configuration settings are also retained here. This means that each access point can respond rapidly to changes and provide the appropriate bandwidth to applications and data streams.

The integrated cooperative control concept also ensures that each access point exchanges control information with its neighboring access points. This information includes, for example, data on the use of the radio frequencies, roaming in layers 2 and 3, and the load balancing in the case of overloading of individual APs

## TECHNICAL ADVANTAGES OF THE INDEVIS WLAN SERVICE

<ul style="list-style-type: none"> <li>• Controller-free architecture, meaning no single points of failure</li> <li>• Simple, intuitive planning, auto-provisioning of the access points, resource savings regarding concept and cabling work</li> <li>• Comprehensive range of access point</li> <li>• Load balancing between APs</li> <li>• Guest management, including ticket printer</li> <li>• WLAN solution for headquarters, branch, regional and home offices with centralized, web-based management</li> </ul>	<ul style="list-style-type: none"> <li>• Increased fail-safety and system stability</li> <li>• Centralized web-based WLAN management (appliance, VMware or cloud service)</li> <li>• Extremely flexible scaling</li> <li>• Active Directory integration</li> <li>• Integrated RADIUS server</li> <li>• Power supply for the access points, optionally also through POE and POE+</li> </ul>
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Would you like to get to know *indevis WLAN*? 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 WLAN 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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