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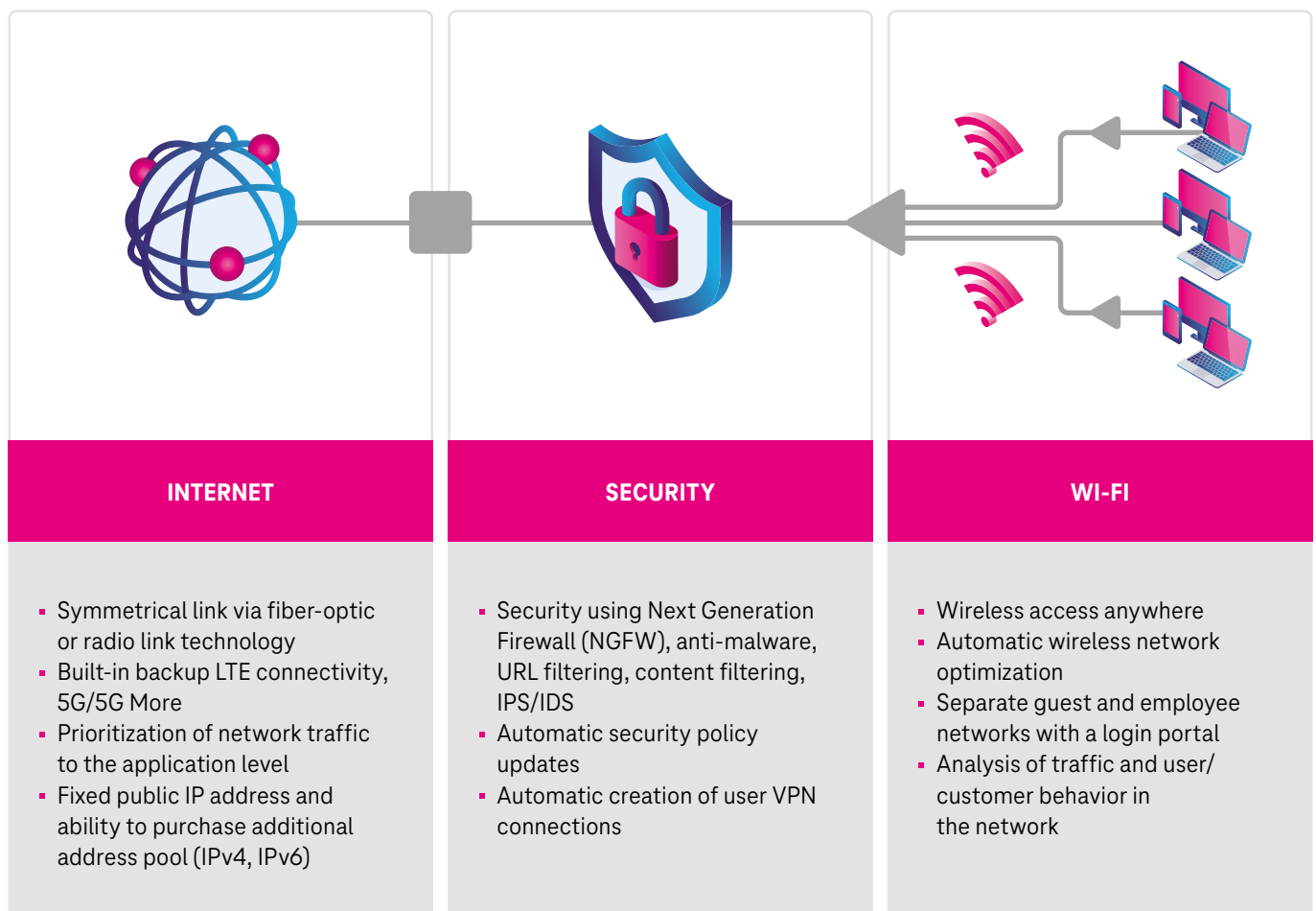
SD-LAN
SECURE INTERNET AND WI-FI ACCESS

SD-LAN
MODERN SOFTWARE-DEFINED SOLUTION

SD-LAN not only provides fast and reliable Internet access anywhere in your office. It is a modern, software-defined solution. Combining Internet access, LAN/WLAN and security tools, it creates a complete network ecosystem for your business.

The centralization of functionality as well as integration of all devices available as part of the service on a single platform enable efficient management and full control of network infrastructure. Built-in analytical tools and artificial intelligence (AI) support allow to proactively monitor and optimize network performance, ensuring the highest level of security and efficiency.

INTERNET + SECURITY + WI-FI

INTERNET	SECURITY	WI-FI
- Symmetrical link via fiber-optic or radio link technology - Built-in backup LTE connectivity, 5G/5G More - Prioritization of network traffic to the application level - Fixed public IP address and ability to purchase additional address pool (IPv4, IPv6)	- Security using Next Generation Firewall (NGFW), anti-malware, URL filtering, content filtering, IPS/IDS - Automatic security policy updates - Automatic creation of user VPN connections	- Wireless access anywhere - Automatic wireless network optimization - Separate guest and employee networks with a login portal - Analysis of traffic and user/customer behavior in the network

CONTEMPORARY CHALLENGES
WITHIN THE NETWORK INFRASTRUCTURE

Increasingly complex IT landscape means greater difficulty in managing it

- The growing number of areas in the company where Internet access is used means an increase in the number of users, applications and devices using Internet connectivity. The ever expanding IT infrastructure is thus becoming more complex, and its maintenance generates higher costs.

- Managing and making optimal and secure use of the Internet is more difficult, costly and requires skilled IT staff.

Growing demand for both Internet and LAN traffic is driving the need to make optimal use of available bandwidth and device configurations

- Available bandwidth is not always used for business purposes, with key operations slowed down or even blocked by non-mission-critical applications.

- Additionally, there is a lack of tools to analyze and control traffic.

New threats requiring updates due to lack of security policies

- The company is constantly exposed to cyber threats, such as data theft, new viruses and types of attacks that can cause serious losses.

- You can effectively protect yourself from their unpleasant consequences, but increasingly newer threats require constantly updated security features. Anti-virus software may not be enough.

SD-LAN – THE ANSWER TO MODERN-DAY NETWORK EXPECTATIONS

Symmetrical Internet access link

- Allows you to maintain the same speed for upload and download.
- Bandwidth guarantee – SLA.

Advanced security features built into the solution

- SD-LAN uses multi-layered security, such as NGFW, intrusion detection and prevention systems (IDS/IPS), and content filtering.
- Automatic security policy updates.
- Access control by defining precise security policies for different users and devices, ensuring that only authorized individuals have access to specific network resources.

Smart network management through a central platform

- All network elements – routers, switches, access points – are managed from one central platform. This enables consistent management, monitoring and configuration of the entire network infrastructure in real time.
- Built-in analytical tools provide detailed data on network performance, user behavior and potential threats. This allows to make informed business decisions based on real data.

Optimization of operating costs and increased efficiency

- Central management and automation of many processes reduce the need for technical intervention, allowing the IT team to focus on strategic initiatives.
- Optimization of CAPEX – installation, configuration and management of the service is the responsibility of the service provider.

Proactive support through artificial intelligence (AI)

- The use of AI allows network irregularities to be identified immediately and corrected automatically before they affect users' work.
- Analytics of trends and usage patterns helps predict future needs and optimize network resources.

Efficient and reliable network connectivity

- SD-LAN provides fast and stable connectivity, even in environments with heavy network traffic.
- Optimization of network traffic through intelligent traffic management, enabling prioritization of business-critical applications and services. This, in turn, translates into greater operational efficiency.
- Automatic optimization of wireless network settings ensures the best signal quality for users.

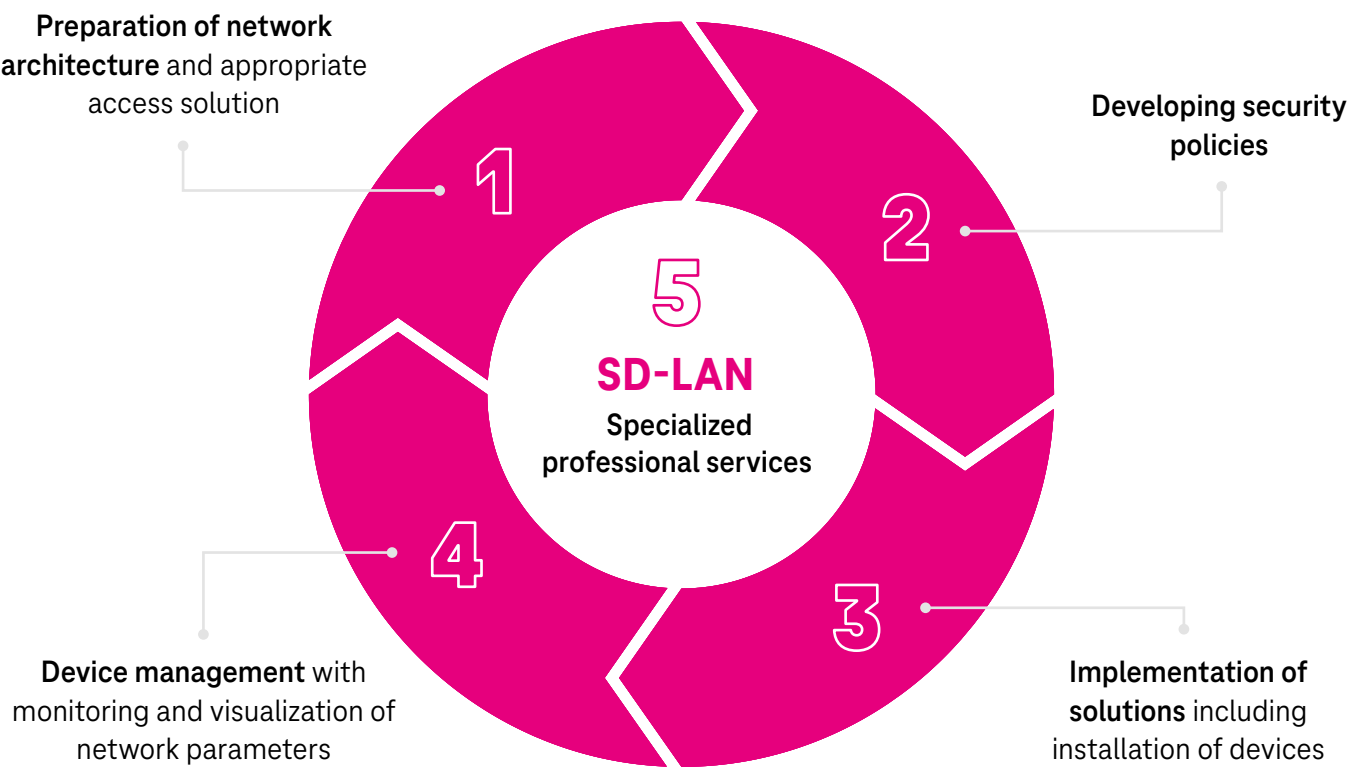## Scalability and flexibility to suit business needs

- Customizable network settings and features allow the solution to be tailored to individual customer requirements.
- Network flexibility and scalability allow to quickly adapt to new business requirements.
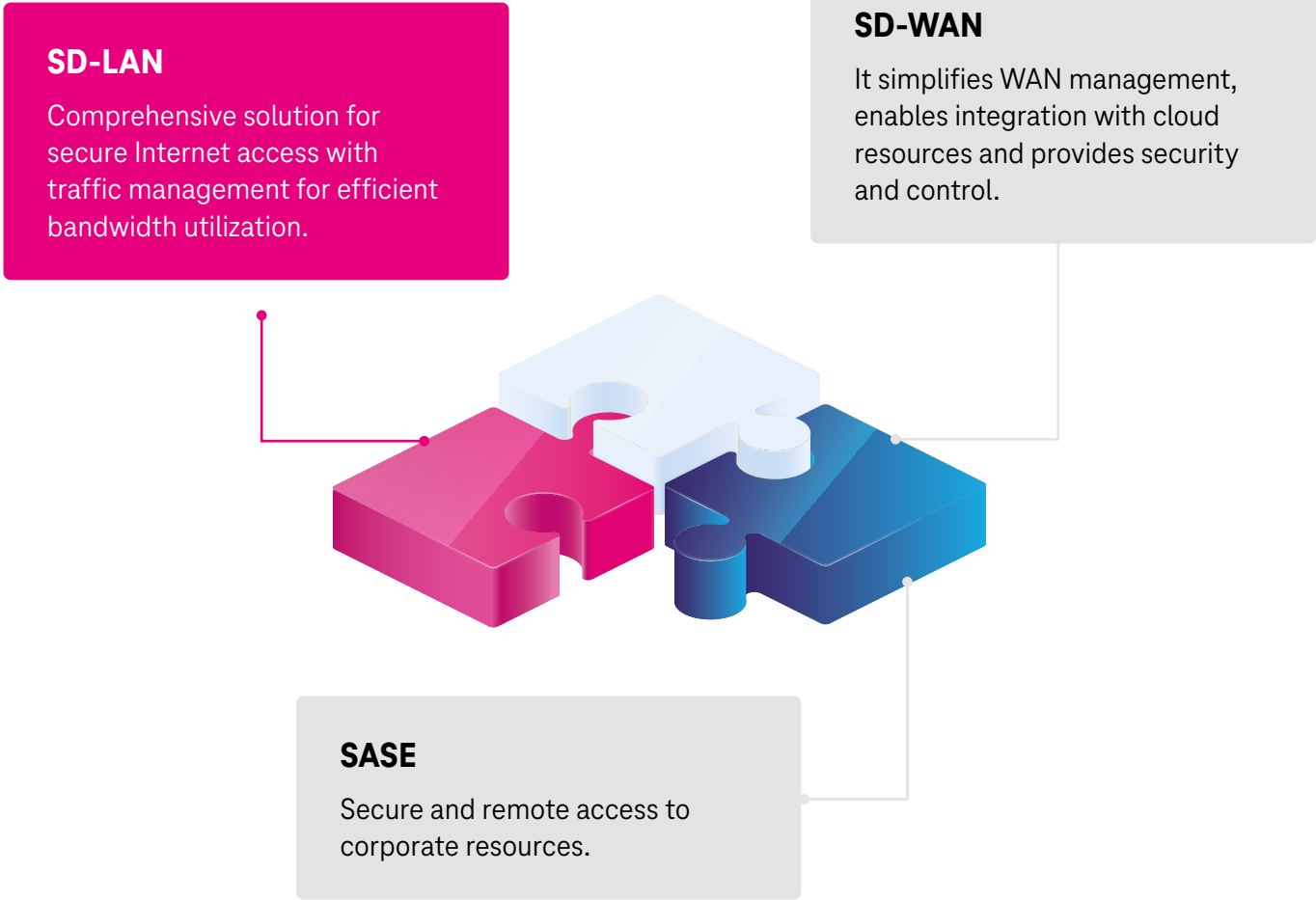
Improved user experience and customer satisfaction

- Employees benefit from high-quality connectivity, which translates into their productivity and satisfaction.
- Guests log on to a guest network with a login portal and anti-virus protection.

STAGES OF SD-LAN SERVICE IMPLEMENTATION

Preparation of network architecture and appropriate access solution

Developing security policies

1

2

5

SD-LAN
Specialized professional services

3

4

Device management with monitoring and visualization of network parameters

Implementation of solutions including installation of devices

SD-LAN – A MAJOR COMPONENT OF THE COMPANY'S NETWORK INFRASTRUCTURE

SD-LAN
Comprehensive solution for secure Internet access with traffic management for efficient bandwidth utilization.

SD-WAN
It simplifies WAN management, enables integration with cloud resources and provides security and control.

SASE
Secure and remote access to corporate resources.

COMPREHENSIVE SERVICES

FOR LARGE AND MEDIUM-SIZED COMPANIES

- Mobile
- Cybersecurity
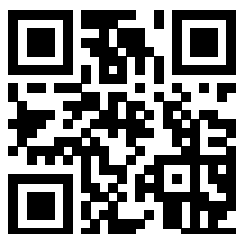- Modern Workplace
- Smart City IoT
- Data Center & Cloud
- Next Generation Connectivity
- ERP

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T-Mobile Polska S.A.
ul. Marynarska 12, 02–674 Warsaw

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