

MANAGED SERVICES DOXX

LAN and WLAN as a managed service,
including software and hardware



Doxx Network Bundle

Don't build the network, use it right away!

**Fully configured, scalable and manageable enterprise network
(including premium hardware and software) - by subscription**

The goal of any business is to make a profit, not to own technology. Technology is just a tool. For this reason, more and more companies are moving to model where "we do not own the hardware, we just use its features and pay only for it". For many, this has become the default strategy, for example in storage and computing, when part of the technology stack can be moved to the cloud. Thanks to the Doxx Network Bundle, this is now also possible for networks.

Doxx Network Bundle is an approach to building and managing enterprise networks where network equipment, installation, implementation, maintenance and support are provided by DOXX on a monthly subscription basis.

The top 3 reasons for businesses to use the Doxx Network Bundle

- Access to new technologies (e.g. 25/100Gb Ethernet, Wi-Fi 6 and Wi-Fi 6E, SD-WAN, 5G AI based insights, WPA3).
- Rapid deployment (days, not weeks) of networks, features and capabilities
- Drastic reduction in hardware and software infrastructure maintenance and support costs.

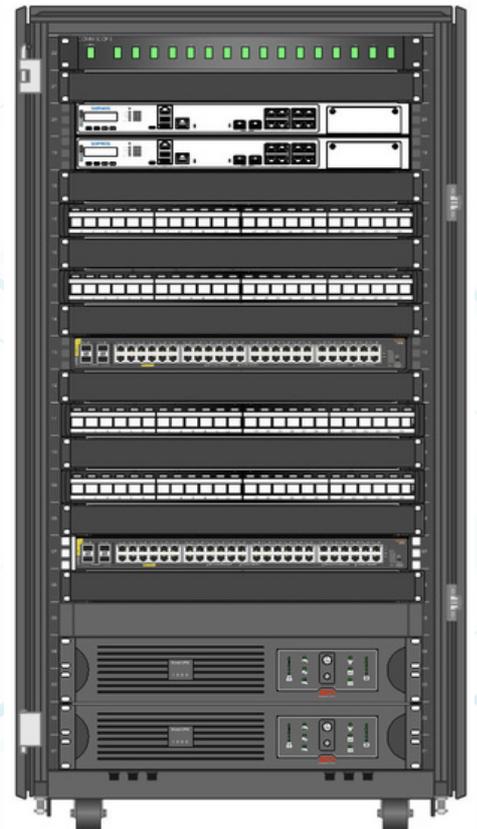
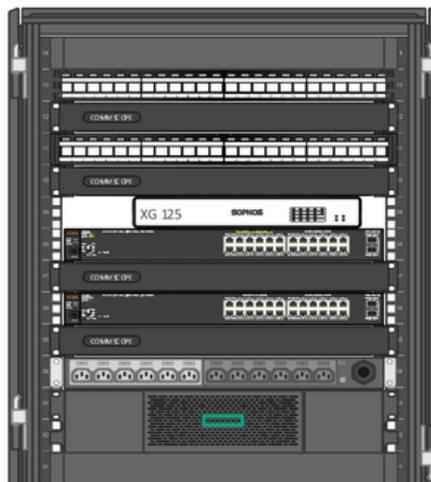
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What is included in the Doxx Network Bundle?

- Provision of network equipment and software (new generation firewall, managed switches, access points, UPS, required licences).
- Management and analysis platform (web portal with access to traffic data, tools for monitoring, management and analysis)
- Network security solution (virus protection for data traffic, VPN, IPS /IDS)
- Installation of a structured cabling system including all standard materials (cables, sockets, patch cords, etc.).
- Comprehensive support from DOXX specialists (integration and cabling, network configuration and management, optimisation of network operations, network maintenance).
- Modernisation of hardware and software

All equipment is completed in a network rack. Rack size and equipment list vary according to subscription level and number of users.



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Why Doxx Network Bundle?

Centralised management and configuration

Doxx takes over the operation and overall responsibility for all active LAN components such as network switches or WLAN access points. Configuration and management is carried out in the Doxx Cloud on the Aruba Central and Sophos Central platform. This enables very efficient centralised management across multiple sites. The actual data traffic remains in the client's network.

Increase the flexibility of fixed IT costs

Doxx Network Bundle is a standardised offering with well-defined services. Due to the high degree of standardisation, the project is implemented very quickly - taking into account the specifics of the client company. The solution offers more stable and predictable operational budgeting, including pay-as-you-go options for additional resources only when needed.

Improved security

In addition to being equipped with next-generation firewalls, faster deployment of new features and functionality helps improve security and keep your network in good shape. Enhanced services ensure optimal performance and protect businesses from security breaches caused by outdated hardware or configurations.

Proactive network management based on AIOps (AI for IT operations) optimises performance

The three biggest challenges organisations face today in managing their networks

- Network security and performance
- Identifying root cause and fixing problems quickly.
- Ongoing operations such as configuration and changes.

and operations and fixes problems before they fail.

More efficiency for distributed structures

Changes can be made centrally and almost "at the touch of a button" via the Doxx Network Bundle.

The result: maximum efficiency, scalability and flexibility. Examples include start-ups, schools, hotels, shops, clinics, SMART WORKPLACE.

Adaptable functionality

Specific requirements can be implemented as quickly as possible - whether new locations are to be connected or a dedicated guest WLAN is to be set up. All changes are made programmatically on the Aruba Central and Sophos Central platforms.

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What the client gets:

- Rapid implementation and rollout (up to 2 days for companies with up to 50 employees)
- Technologies and equipment with no initial capital costs (costs are spread evenly over the life of the contract)
- Lower operating costs
- No dependence on IT staff (no need to hire your own staff, use outsourcing or ask friends)
- Always modern equipment and latest technologies, always modern network architecture
- Replacement of failed equipment on the next business day
- Ensuring improved security
- Optimising network operations for increased throughput, flexibility and performance
- Speed of network service
- Around-the-clock monitoring and 8x5 support service

The ability to always use the latest technology and equipment

Technology is changing rapidly. The speed of this change means that some equipment quickly becomes obsolete and staff are no longer trained. Doxx Network Bundle provides protection against obsolete hardware and regular upgrades, ensuring that the company's business processes are not interrupted by a sudden network outage or hack.

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Doxx Network Bundle across industries

Start-ups

When you are starting a new business or opening a new company, it is not always possible to invest large sums of money in buying IT equipment. It is also difficult to predict what the network requirements will be in six months or a year's time. Investing in a network robs a company of its mobility, as it is then difficult to move the network completely from one location to another (e.g. when moving to another office or relocating a company to another region).

In this case, the Doxx Network Bundle becomes indispensable. Without initial investment costs, with a small monthly subscription in a few days, the office is equipped with a network that meets current requirements. As a company or business grows, it is enough to change the subscription, the devices are replaced, all the necessary changes and functions are automatically activated (even if you move to another office or region).

Co-working Spaces and Business Centres

Co-working spaces and business centres usually have high demands on the network: it must be very productive, withstand high loads, provide secure connections, have flexible guest access and, above all, offer 100% wireless coverage. The network is one of the weakest points in such companies. If the network is unstable, customers will leave.



Doxx Network Bundle becomes a lifesaver in this case. Before going live, staff conduct a radio survey and radio planning and ensure 100% coverage of the office. During operation, the network is constantly monitored for faults and vulnerabilities (both by the built-in AI and Doxx staff), and if abnormal situations occur or are suspected, the faults are corrected. In the event of equipment failure, new equipment is delivered the very next working day, so there is no unplanned downtime.

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Hospitality industry

Nowadays it is impossible to imagine hotels or guesthouses without Wi-Fi. For tourists and guests, the availability of Wi-Fi with fast internet is one of the key requirements for accommodation (whether it is a mini-hotel with three rooms away from civilisation or a large hotel complex). No wireless network - no guests.

The Doxx Network Bundle reduces the total initial costs (even if the hotel is already built and it seems problematic to equip it with a wireless network), reduces the implementation time to a few days, reduces the ongoing IT staff costs (no separate network administrator required, the entire network is configurable and managed from one place - this can be done by a single employee as well as by Doxx specialists). A particular advantage of the Doxx Network Bundle for hotels is the speed and simplicity of setting up and managing guest access.

Smart Workplace (developers, programmers, companies that get the maximum benefit from IT solutions)

Such companies are very sensitive about the quality of the network. Deploying a network often becomes a major problem for IT staff: competent setup and configuration of devices depending on changing requirements, integration into a global local area network, subsequent management and upgrading of devices, the presence of a highly professional network specialist. Another problem is network security and setting the appropriate policies.

With the Doxx Network Bundle, you can significantly reduce initial and fixed costs and relieve IT staff of routine tasks (e.g. network configuration and management, troubleshooting). All network management in the Doxx Network Bundle is done centrally and often by a single person (unless management has been delegated to Doxx). Most errors are automatically corrected by AI forces. Software upgrades and the introduction of new functions also take place centrally, without the need to train additional staff. Doxx staff replace the failed devices the next business day and make all the necessary adjustments themselves. In the event of an increase in network requirements, it is sufficient to change the subscription; all other changes are made automatically or, in the case of a change to a more powerful device, by Doxx engineers.

Hardware and software used in the Doxx Network Bundle

Access points



Aruba AP 515

Aruba 515 Series APs with 802.11ax (Wi-Fi 6) are designed to handle multiple clients and traffic types simultaneously in dense environments, providing up to 4x the overall network performance of 802.11ac APs.

In addition to the benefits that 802.11ax brings, the 515 Series offers differentiated features such as AI-powered Wi-Fi performance, always-on connectivity and WPA3 security. The green AP mode enables energy savings of up to 70%.



Aruba AP 635

For businesses that need more wireless bandwidth and wider channels, the Aruba 635 Series Campus Access Points are designed to use the 6 GHz band with three dedicated radios. Throughput is more than doubled when using the 6 GHz band.

Unique to Aruba, the 630 Series offers ultra-triband filtering and dual 2.5 Gbit Ethernet ports to close coverage gaps, provide greater resilience and enable fast, secure connections.

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Switches



Aruba CX 6100

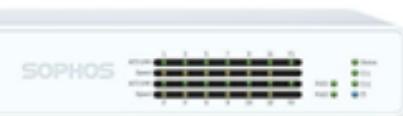
The Aruba CX 6100 Series switches are a modern, entry-level access switch family ideal for branch offices and SMB networks. Optimised for reliable, simple and secure access, the CX 6100 switches provide a convenient wired access solution for networks supporting IoT, mobile and cloud applications.



Aruba CX 6200F

The Aruba CX 6200 Switch Series is a family of next-generation stackable access switches ideal for branch office, campus and SMB networks. Designed to deliver revolutionary operational efficiency with built-in analytics and automation, the CX 6200 switches provide a simple, secure, enterprise-class access solution.

New generation firewalls



Sophos XGS 126

is one of the best firewalls for small and medium-sized businesses, offering superior performance with a simple management interface. The XGS 126 is designed for 50-100 users, a firewall throughput of 10.5 Gbps and a VPN throughput of 800 Mbps.

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Sophos XGS 2100

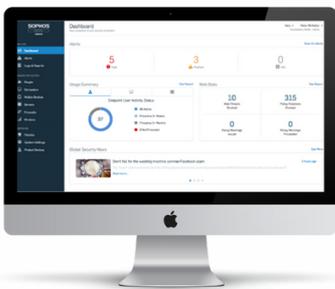
is one of the best midrange firewalls, offering superior performance with a simple management interface. The XGS 2100 is designed for 200-300 users, 30Gbps firewall bandwidth and 1100Mbps VPN bandwidth.

Platforms



Aruba Central

is a unified cloud-based networking and security platform that simplifies the deployment, management and optimisation of wireless and wired networks. Intuitive workflow-based features deliver more than traditional management by providing real-time insights, saving time and resources. This allows IT to focus less on managing infrastructure and more on creating business value. This ensures that business are up and running in minutes rather than hours or days.



Sophos Central

With a single cloud console, you can centrally manage security for workstations, mobile devices, email, servers, gateways, wireless networks and encryption. The platform allows you to share security insights, apply consistent user policies, easily configure subsystems, get detailed and clear reports, and automatically prioritise alerts.

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Subscriptions	Small business For companies with up to 50 employees From 150,000 AMD per month	Medium-sized companies For companies with up to 150 employees From 400,000 AMD per month	Medium-sized companies, high network requirements For companies with up to 150 employees From 580,000 AMD per month
Equipment	3 AP Aruba AP 515 1 Aruba CX 6100 12G Class4 PoE 2SFP+ Switch 1 Sophos XGS 126 Firewall	7 AP Aruba AP 635 1 Aruba CX 6100 48G Class4 PoE 4SFP+ Switch 1 Sophos XGS 2100 Firewall	7 AP Aruba AP 635 2 Aruba CX 6200F 24G Class4 PoE 4SFP+ Switches 1 Sophos XGS 2100 Firewall
Лицензии	Aruba Central Foundation and Sophos Standart protection		
Accessories	Cabinet Toten 6Ux600x400 Optical wall cross ITK ODF 8 port SM /MM Nexans UTP Cat. 6 patch panel Nexans cable manager 10 patch cords Nexans UTP Cat 6 1m 1 UPS APC Easy UPS On-Line 1KVA RM	Cabinet Toten 22Ux600x800, 2 Nexans UTP Cat 6 patch panels 5 Nexans cable manager 50 patch cords Nexans UTP Cat 6 1m 10 HPE Filler Panels APC Power Distribution Unit APC Easy UPS On-Line 2KVA RM	Cabinet Toten 42Ux600x1000, 2 Nexans UTP Cat 6 Patch Panels 5 Nexans Cable Managers 50 Patch Cords Nexans UTP Cat 6 1m 20 HPE Filler Panels 2 APC PDUs 2 UPS APC Easy UPS On-Line 2KVA RM
Premium Managed WLAN and LAN	+	+	+
Radio planning, determination of the optimal location of the AP, installation and configuration	+	+	+
üNetwork cabling	+	+	+
NBD hardware replacement warranty	+	+	+
Zero Trust security model		+	+
Application Performance Assurance			+
Full redundant			+
TOP IT Specialist	10 hours	20 hours	40 hours

For a company that needs to solve specific problems (for example, you only need a Wi-Fi network or only network protection) or standard solutions are not suitable, we can configure a customized Doxx Network Bundle solution.