

DATASHEET

SD-WAN Home Office Connect

A new norm for the Enterprise network


While SD-WAN solutions continue to get a strong market traction, the Enterprise network architecture is evolving to an even more distributed model, while homeworking and teleworking become a new norm.

In this context, enterprises are facing additional challenges to interconnect all their employees in an efficient manner, while granting security and performance at a reasonable cost.

By nature, teleworkers are out of the enterprise network and connectivity yet they have to be as efficient in this "new workplace" as if they were on site.

Ekinops SD-WAN is an adequate answer to this challenge by delivering remote secured connectivity to the Enterprise network together with simplicity of use for IT Manager to enforce policy and security while managing efficiently remote sites and offering teleworkers a convenient connectivity solution.

For this purpose, the SD-WAN Home Office Connect delivers a compact and cost-effective home worker solution with simple connectivity options.

SD-WAN Home Office Connect provides a performant and secured connectivity for remote workers from home or anywhere with a broadband access. It enables the employee to get WAN access without any disruption complemented by a Wireless connectivity. It guarantees key Enterprise employees secure access to corporate data/applications, without the impact of home private activities.

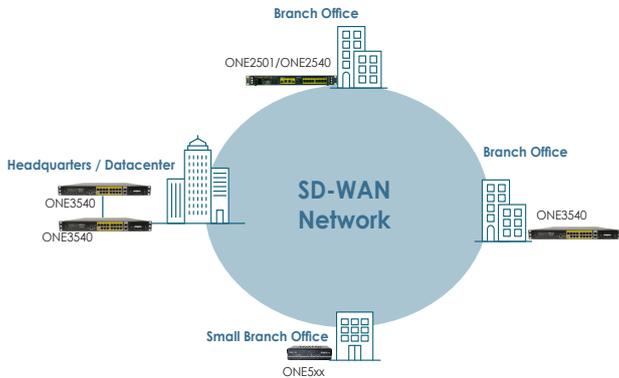
On the LAN side, Ethernet ports and/or an enterprise-grade WiFi improves user experience versus traditional WiFi access point embedded in SOHO-type router. For the more demanding teleworking environments, Enterprises may also decide to offer a dedicated DSL connectivity to their employee and/or a SIP phone and this can be directly connected to the Home Office Connect.

The Ekinops SD-WAN Xpress enables the IT manager to take full control of the edge configuration and to enforce the security through a user-friendly GUI, including the control of the embedded 4G. Home-user traffic can be fully managed with the ability to microsegment traffic, enrol a site based on user role in the enterprise, with or without a local breakout for some traffic and providing traffic visibility in a few clicks. To strengthen security further at home, LAN and WiFi users can be authenticated leveraging the 802.x protocol.

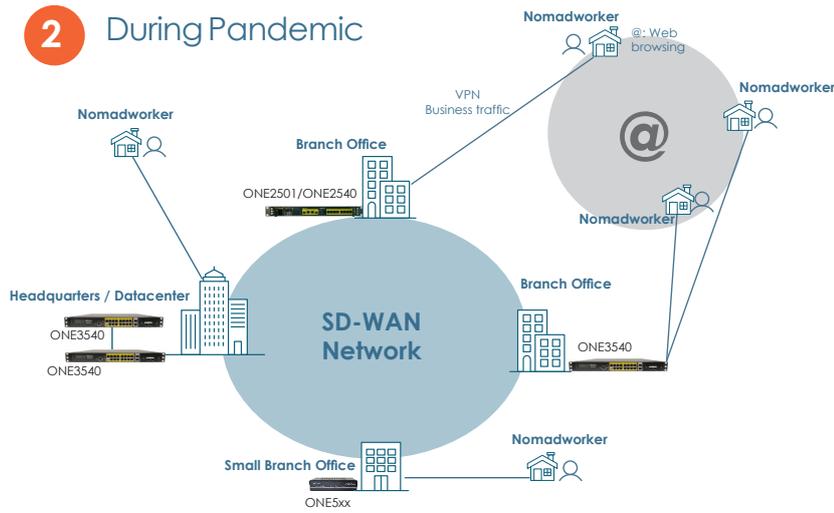
Features & Benefits

Features	Benefits
<p>Simple / Secured Connectivity</p> <p>WAN/LAN: 4Gb Ethernet port (software defined) Embedded Wireless: LTE cat4 (option) Embedded Wireline: A/vDSL2 (option)</p> <p>LAN specific</p> <p>Embedded dual concurrent WiFi access point (option)</p> <ul style="list-style-type: none"> - IEEE 802.11 b/g/n MIMO 3x3 (2.4 GHz) - IEEE 802.11 a/n/ac MIMO 4x4 (5 GHz) 	<ul style="list-style-type: none"> - One-box solution for the remote worker including LAN/WAN connectivity within a single box. - Simple to install and to configure (Zero touch) - Fully manageable from the SD-WAN Director. <p>Security</p> <ul style="list-style-type: none"> - No local management interface - Managed LAN ports - SIM card / PIN manageable from SD-WAN Director - WiFi security: SSID / WPA2 support
<p>SD-WAN</p> <ul style="list-style-type: none"> - Template-based deployment - Traffic identification (IP tuple and SaaS application) - Multi-overlay support for micro-segmentation - Link aggregation (session based) and/or active/backup - Trusted Internet Access breakout (Office365, Salesforce, etc.) - Remote and Cloud breakout support for untrusted traffic - Traffic visibility - Remote troubleshooting 	<ul style="list-style-type: none"> - Same flexibility as any other Enterprise sites - no compromise - Centrally managed from SD-WAN Director - Ability to segment the overlay access per users for improved security (micro-segmentation)
<p>Security</p> <ul style="list-style-type: none"> - DDOS protection, statefull firewall - Application baring and URL filtering - Dynamic IPSEC tunnel for each overlay with unique encryption key per overlay - Decide which applications are trustable, which traffic must be sent over to a firewall (on the Cloud or on premises) - User authentication support 802.1x (LAN & WiFi) 	<ul style="list-style-type: none"> - Ensure security access to Enterprise LAN - Ensure traffic confidentiality - Secured connectivity with automatic fallback or aggregation for better availability - Traffic visibility per edge

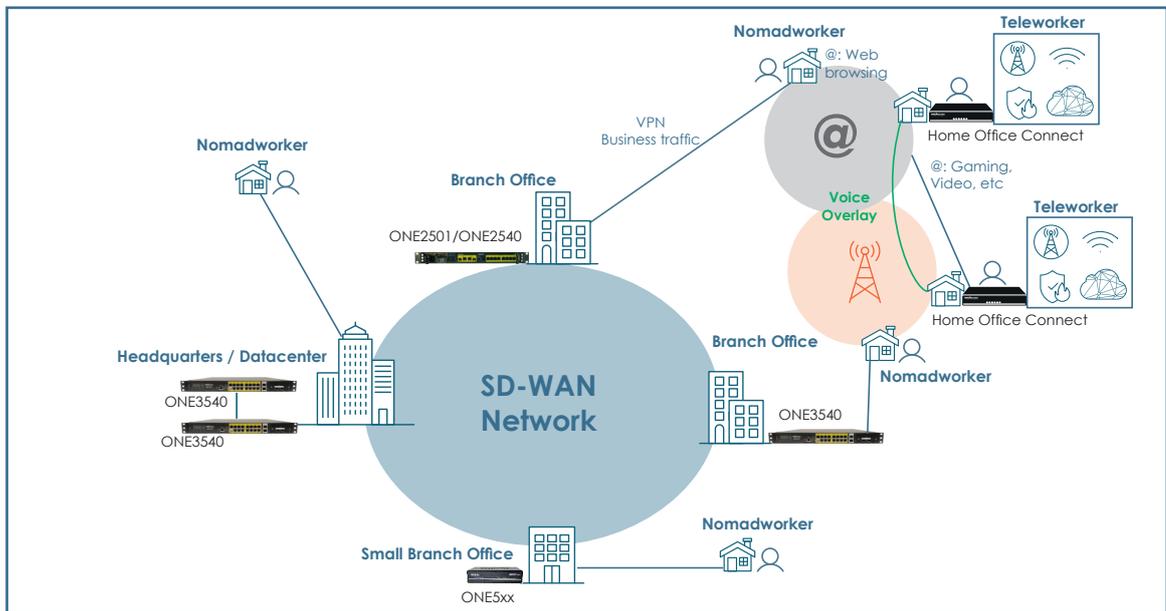
1 Before Pandemic



2 During Pandemic



3 Post Pandemic



Related Documentation

- ONE421L4G datasheet
- SD-WAN Xpress datasheet

About EKINOPS

Ekinops is a leading provider of open and fully interoperable Layer 1, 2 and 3 solutions to service providers around the world. Our programmable and highly scalable solutions enable the fast, flexible and cost-effective deployment of new services for both high-speed, high-capacity optical transport networks and virtualization-enabled managed enterprise services

Our product portfolio consists of three highly complementary product and service sets: Ekinops360, OneAccess and Compose.

- Ekinops360 provides optical transport solutions for metro, regional and long-distance networks with WDM for high-capacity point-to-point, ring and optical mesh architectures, and OTN for improved bandwidth utilization and efficient multi-service aggregation.
- OneAccess offers a wide choice of physical and virtualized deployment options for Layer 2 and Layer 3 access network functions.
- Compose supports service providers in making their networks software-defined with a variety of software management tools and services, including the scalable SD-WAN Xpress.

As service providers embrace SDN and NFV deployment models, Ekinops enables future-proofed deployment today, enabling operators to seamlessly migrate to an open, virtualized delivery model at a time of their choosing.

A global organization, with operations in 4 continents; Ekinops (EKI) - a public company traded on the Euronext Paris exchange - is headquartered in Lannion, France, and Ekinops Corp., a wholly-owned subsidiary, is incorporated in the USA.