

Remote Office LAN

Many businesses have now moved to a remote workforce; the reliance on VPN connections to the public internet and moving business-critical applications to the cloud, allowing access to remote workers, have become viable solutions. However, this is causing network security and resiliency concerns and poor end-user experiences for IT groups across many industries.

Segra's Remote Office LAN (ROL) alleviates all of these concerns and provides a business' remote workforce and their IT groups with the same security, failover, network management, and reporting just as if they were in the office. ROL sends the traffic from your remote worker's company devices through broadband or LTE cellular signal (backup/failover) to Segra's Hosted Firewall for added security.

ROL optimizes end-user experience by removing the need for VPNs, which consume capacity and split tunneling, which can leave cloud traffic unsecured. With multiple access options, failover, Wi-Fi, and LAN switching all in one device, companies can rest assured they can stand up a mobile workforce quickly and securely so they can get back to business.

TURNKEY

IT departments don't have to worry about managing secure tunnels; the devices are pre-configured and ready for use once connected to the end-user's broadband connection.

RESILIENT

The Cradlepoint E3000 supports dual-carriers giving a remote worker auto-failover to the most prominent LTE carriers in their area.

SECURE

Remote Office LAN traffic must pass through the Segra Hosted Firewall, which allows security protocol to be applied to network traffic from remote workers.

CUSTOMIZABLE

The SD-WAN lite features of Remote Office LAN allow companies to report on usage, ensuring that adequate bandwidth is available to support their most business-critical application.

COLLABORATION

Remote Office LAN comes with the Segra Unify hosted voice package. Unify brings together all real-time communications services enabling you to access telephony features, send and receive IMs, and collaborate with Voice, Video, and Desktop Sharing.

SPECIFICATIONS

USB Ports
• 1 USB 2.0 Type A

Wi-Fi
• 802.11ax Wi-Fi 6 with DFS
• 4x4 MU-MIMO

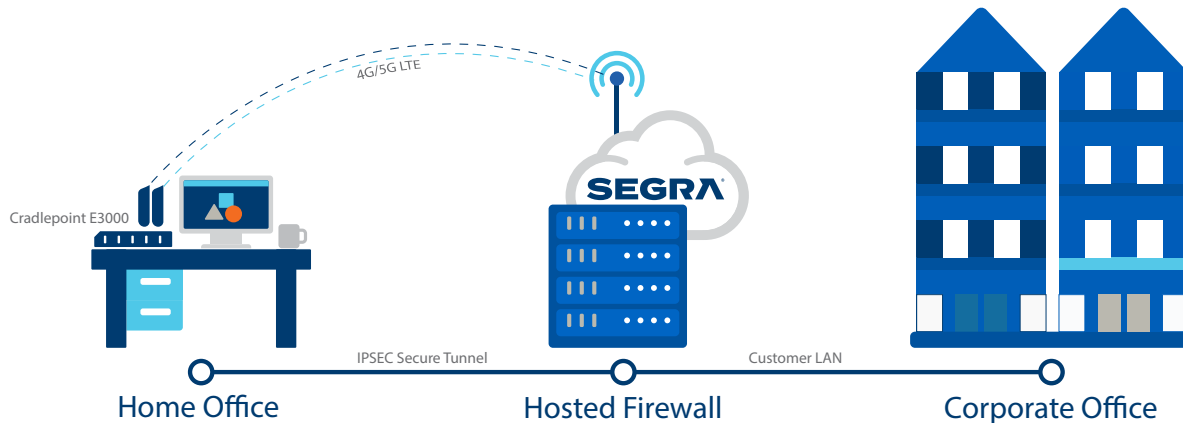
Wireless Connectivity
• 4G LTE Cat 18 Modem
• 5G Sub-6GHZ Modular Modem

Ethernet Ports
• 11 LAN/WAN switchable
• 9 GbE (3 PoE+)
• 1 2.5 GbE (PoE+)
• 1SFP+



Remote Office LAN

HOW REMOTE OFFICE LAN WORKS



The Remote Office LAN uses IPSEC and NAT (Network Address Translation) to make a secure connection to Segra’s Hosted Firewall. Once the connection is established, the E3000 default route will point towards the head-end unit, which receives route updates from the Segra routers. Routing traffic through the Remote Office LAN unit will allow the remote user connectivity to corporate VRF (Virtual Route Forwarding) for access to all corporate resources.

ADVANCED NETCLOUD SERVICE

Advanced NetCloud Service is a fully developed management platform that equips your IT group with features for endpoint services, security services, IoT services, and connection management services. Zero-touch deployment features automatically connect, license, configure, and select the best carrier for a turnkey deployment. Policy-based control makes it easy to configure your network. Traffic can be routed based on bandwidth usage, application content, cellular data usage, or preferred link to maximize network performance. SD-WAN lite provides you with the ability to ensure your business-critical applications are available, and the end-user has a quality experience. Full-stack analytics, mobile application, and full lifecycle management will provide the insight, accessibility, and simplification to your IT group, which will ensure your Remote Office LAN solution operates optimally for your business needs.

Remote Office LAN WILL	Remote Office LAN WILL NOT
Broadcast a corporate Wi-Fi SSID	Require any login other than Wi-Fi SSID credentials
Have built-in “VPN/MPLS” capability	
Replicate corporate facility rules locally (meet or exceed)	Require any work on user’s part to establish VPN or corporate network connectivity
Dual WAN options - Broadband and LTE/5G	
Support multiple LTE/5G service providers	Require a separate VPN on devices connected to the Wi-Fi (laptop, phone, tablet, etc.)
SD-WAN lite type bandwidth management	
Reporting on usage and content	
Remote access control from corporate security	
Single sign-on (SSO) capability	