RICON SD-WAN, SASE, ZTNA

Ricon Mobile designs and delivers indigenous and national products across 4G/5G, xDSL, fiber-optic routers, SD-WAN, switches, and mobile virtual networks. Our network technology solutions are trusted and deployed in over 60 countries globally.
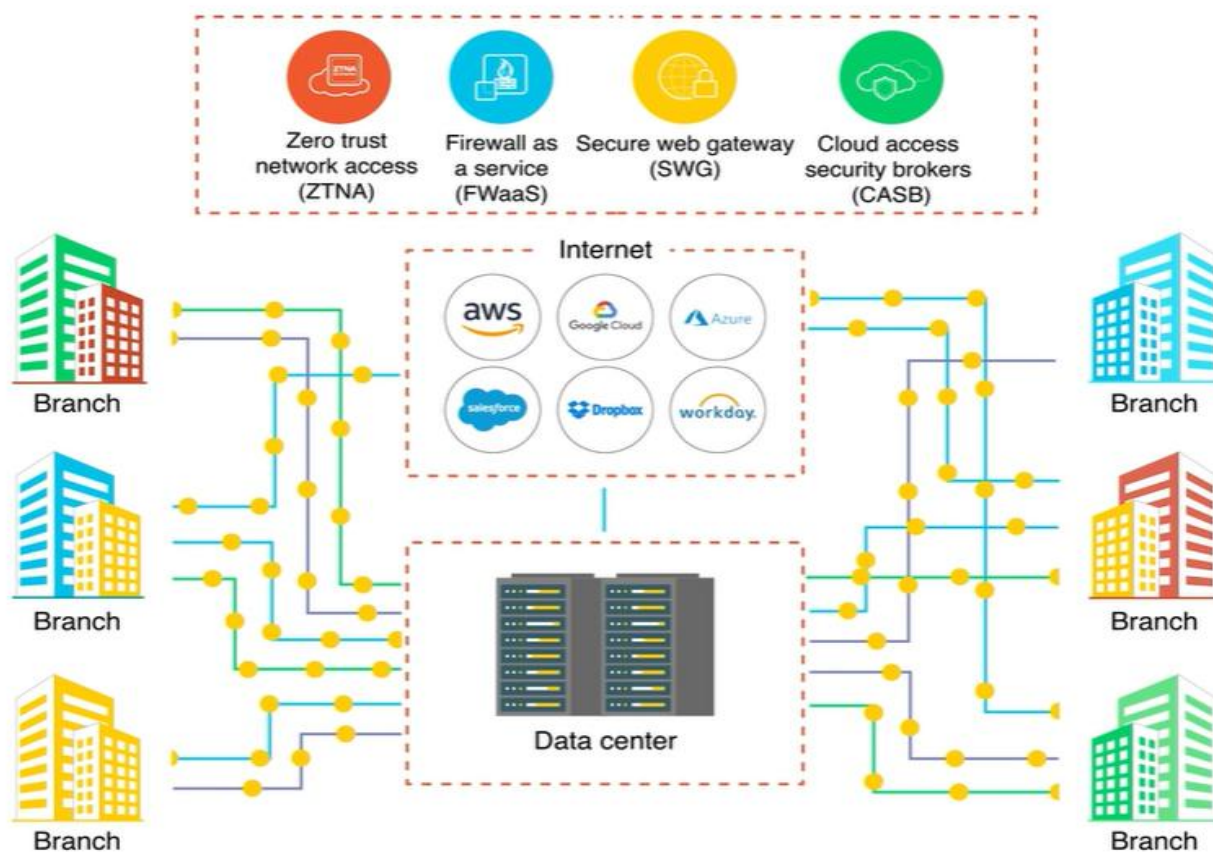
We design our products to lower operational expenses by delivering high performance, automated installation, simplified management, and intelligent AI-driven routing.

For enterprise customers, our Turkish-made, national open-source SD-WAN / SASE / ZTNA solutions deliver a secure, flexible, and high-performance architecture tailored to modern networking needs.

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Main Features	Main Differences
• Comprehensive SASE solution including SD-WAN and ZTNA	• A unique SASE architecture that separates data and control planes via the cloud, requiring no overlay.
• An SD-WAN with rich features such as prioritization, load balancing, high availability, next-generation firewall (NGFW), IPS, and line-rate IP and DNS filtering.	• CG-NAT/NAT traversal with patented OmniVPN® • Advanced network monitoring with Ntopng
• SD-WAN appliances for on-premises, virtual, and cloud environments	• PrivateSASE™ for customers unable to use the public cloud
• ZTNA-based access control for critical applications, systems, and networks	• Universal ZTNA for both remote and on-site users
• ZTNA extensions based on geographic location and scheduling	• Access control based on role, scheduling, and geographic location
• Micro-segmentation to stop lateral malware movement	• Patent-pending device isolation via DHCP
• Creation of security and access policies for devices, users, groups, or applications	• Patented technology predicting device internet usage from DNS traffic
• Device discovery through fingerprinting	• Device health monitoring and alerts
• Posture management for local and remote devices integrated with ZTNA	• CountryBlock: blocking country-based IP addresses at line speed
• Multi-tenancy to support MSPs, MSSPs, and IT consultants	• 24/7 cloud connectivity enabling remote management (including Linux commands)
• Easy and remote provisioning to support existing networks	• Real-time alerts for network and user events
• Extensible software architecture across devices, cloud, and endpoints	• Zero-Touch deployment, provisioning, and automated software + security database updates
• Integration with other systems via local and remote APIs	• Easy integration with other systems via local and remote APIs
• Running customized applications on Ricon devices	• Loading custom applications onto SD-WAN devices
• Automated cybersecurity database and software updates	• OpenVAS-based vulnerability scanner running on the device

- Real-time notifications for user activities, network events, security threats, and suspicious behavior
- Open-source infrastructure for transparency and compliance

Ricon SD-WAN Solution Topology

Product / Service	Description
RC10-M	• Ricon device RC10M cybersecurity appliance with WiFi
RS-RC10-SP	• Ricon device Support service for RC10 series 7/24 support - 3 years
RS-RC10-SW	• Ricon device SD-WAN service for RC10 series - 3 years
RS-RC10-SA	• Ricon device SASE service for RC10 series - 3 years
S9980.V2	• Ricon 4.5G LTE+ Mobile Router 4xLAN Gigabit, 1xWAN Gigabit, ADSL/VDSL, 2xSIM, IPSec, VPN, MPLS + 2.4GHz-5.8GHz Wifi 802.11b/g/n/ac, 5651 Client Access Logs Update, Throughput 2.6 Gbps. USB Console and Fiber Optic SFP for WAN, RMS and Zero Touch Provisioning, Telco grade management.
RCN-LTE-ANT-DBL	• LTE High Gain Double faced Adhesive Taped -5dBm Antenna
S9980 P	• Ricon S9980 AC Power AdaptorS9980 AC Power Adaptor
RC150	• Ricon device RC150 cybersecurity appliance
RS-RC150-SP	• Ricon device Support service for RC150 series 7/24 support - 3 years
RS-RC150-SW	• Ricon device SD-WAN service for RC150 series - 3 years
RS-RC150-SA	• Ricon device SASE service for RC150 series - 3 years
Ricon SW-001	• Webapp management is included in the SP, SW and SA services - 3 years
Ricon LOG-5651	• Supports 5651 features. Unlimited data transfer. - 3 years
Ricon SW-002	• This features is included in the SP, SW and SA services - 3 years
Ricon SW-003	• Support is included in the SP, SW and SA services - 3 years

References and Projects

Izmir Metropolitan Municipality (TURKEY)	• Replacement of MPLS lines with cost-effective and secure SD-WAN connections • PrivateSASE™ solution hosted in the customer's data center • Routing employee traffic to the headquarters; local internet breakout based on policies • Seamless integration of SASE with cybersecurity and network infrastructure
COMSAT (ABD)	• Secure internet access for maritime vessels via SD-WAN appliances • SD-WAN prioritization and load balancing across WiFi, 4G, and satellite connections • CG-NAT traversal for connecting ships to headquarters over 4G and satellite links • Custom applications (VoIP server) running on SD-WAN devices
Shona Technologies (ABD, Mozambique & Zimbabwe)	• High-power WiFi-based internet access provided by SD-WAN appliances • Comprehensive SASE solution with WiFi Hotspot and cybersecurity features • Cloud-based Captive Portal with voucher management, authentication, monitoring, and billing
Hazar Insurance (ABD)	• Full SD-WAN and cybersecurity solution at headquarters via SASE appliance • Automatically updated inventory of devices with posture assessment • Zero-trust remote access for employees working from home via laptops and smartphones

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About Ricon:

As Ricon Mobile, a company with 25 years of B2B technology innovation, we develop solutions that simplify telecommunications. We design networks that sense, think, and act across mobile, fixed, and cloud infrastructures. Today, telecom operators, enterprises, and global partners rely on Ricon products to build secure, robust, risk-free networks with high MTBF values, enabling them to run all operations 24/7 and jointly implement the digital services of the future.

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