

ULTRA SECURE MOBILITYTM



Aegis R51

ENHANCED RETRANSMISSION DEVICE (ERD)

TAKE DEFENSE IN DEPTH TO THE NEXT LEVEL

The Aegis R51 is the world's most secure Enhanced Retransmission Device (ERD) designed to supplement your existing VPN solution with a protocol break and firewall to bring added layers to your existing device security.

AEGIS SECURETM

From the leaders in the Ultra Secure Mobility business, Aegis SecureTM is proud to present its newest product the Aegis R51. Aegis is a US Based company with a deep heritage in taking commercial devices and modifying them through bare metal virtualization to deliver the world's most secure connected devices through our partnership with Cog Systems, Inc.

THE MODULAR APPROACH

Aegis leverages Cog Systems' Virtual Mobile Device SDK to underpin the high assurance security platform embedded in the Aegis R51 for government and enterprise customers.

DEVICE PROTECTIONS

- » Assured by formally verified virtualization
- » Secure boot
- » Multiple VMs separate key functions
- » USB Mux separates admin, data, and power

USER SECURITY

- » Non-bypassable Protocol Break
- » Embedded firewall controls access to end user device
- » Admin / user portal

OUR R51 SECURE™ METHODOLOGY

LAYERED RESILIENCE

An architecture that is isolated and modular.

FOUNDATION FOR SECURITY AND FLEXIBILITY

A super fast and secure separation kernel, enabling MILS architectures that support applications with privacy and mutual distrust.

RICH CAPABILITIES

Non-bypassable protocol break and firewall that run outside the OS to protect you, your organization, and your privacy.

TYPE-1 VIRTUALIZED SOFTWARE

Runs network drivers, firewall/protocol break, and other functions in two separate virtual machines.

CERTIFICATION

Designed to exceed Government CSfC requirements per the newly published MACP 2.5 standards.

KEY PRODUCT SPECIFICATIONS

PROTOCOL BREAK & FIREWALL

Forcing all traffic to be terminated allowing for full audit capability, privacy, and enabling Internet access control. Enforces use of VPN on end user device.

EASY TO USE

Administration portal to set common organizational standards. User portal to configure eSim and Wi-Fi connectivity.

MULTI-PLATFORM

Use with Android mobile, tablets and Windows/Linux laptops.

CASE WITH 3 DEDICATED PORTS

Integrated USB Mux to isolate ethernet connectivity to the end user device, the admin portal, and charging.

TECHNICAL SPECS

CHIPSET	Qualcom Snapdragon Wear 2500 SoC
MEMORY	8GB internal storage; 1GB RAM
OS	Google AndroidWear™ 8.1
RESISTANCE	IPX8 Certified
HARDENING	MIL STD 810G shock and drop resistance
BUTTONS	Power, network, strength, and status
ESIM	Select network of choice
SIZE	2" x 2" x 1"
WEIGHT	79g
COUNTRY OF ORIGIN	Made in the USA



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