

D-RISK MOBILE DATA PROTECTOR

The Cervais® Offering Enabling Data Protection for the IoT

Security. Anytime. Anywhere.

Organizations are increasingly seeking a seamless, reliable Internet of Things (IoT) cybersecurity solution for protecting data and endpoints. This has become more critical than ever due to the explosion of IoT adoption. With complete endpoint protection capabilities, including the ability to establish trusted relationships, deliver enhanced security from scalable software attacks and common hardware attacks, the D-RISK Mobile® Data Protector delivers the next generation of cyber protection.

The IoT market is expected to grow by more than 300% between 2020 and 2023, with exponential growth numbers driven by business demands particularly in the world of industrial automation and control systems.

The rapid evolution of mobile devices and IoT is exciting, but securing them has become a significant challenge for consumers and organizations in every sector. As connected devices proliferate, the attack vector grows larger and possibly less detectable. Cervais® is transforming endpoint protection by being the first and only organization to architect an Advanced Endpoint Protection (AEP) system - all delivered via a small and compact mobile solution.

D-RISK Mobile® pushes the cybersecurity frontier by offering a flexible and innovative data and IoT protection solution that goes beyond traditional endpoint security to defend against today's and current cyber threats.

D-RISK Mobile® Features

- **Simplify IoT device protection** with a compact, portable device that employs the most advanced data forensics detection and monitoring techniques available
- **Integrated** Wi-Fi, Bluetooth, and cellular functionality
- **Defend against cyber threats and attacks** via predictive analytics to monitor and detect anomalies from all inbound and outbound attack vectors associated with a user's endpoint device
- **Enhanced Protection** by using the power of machine learning to identify, authenticate, and protect user endpoint devices wherever the user may be, anywhere in the world
- **Enables the end-user** to create Circles of Trust® (CoT) to provide unparalleled security to protect endpoint devices and their data communications over exploited and untrusted networks
- **Support** for additional wireless technologies such as ZigBee, LoRa and Wi-Fi 6

IOT



D-RISK Mobile® vs. Traditional Endpoint Security

Protecting the endpoint is only a single aspect of protection. Unlike other solutions, Cervais® D-RISK Mobile® incorporates best-in-breed security mechanisms to provide a “defense-in-depth” approach to protect user endpoint devices. D-RISK Mobile® provides the capabilities to not only detect and defend against advanced attacks, but also to simplify the complexity of achieving complete device protection for consumer and organizations alike. The D-RISK Mobile® solution enables seamless, device management allowing you to maintain complete control of how your endpoint devices are protected. Cervais’® D-RISK Mobile® provides the flexibility and capability to be utilized anywhere to protect user endpoint devices wherever the user may be, anywhere in the world.



Product Comparison

Product	Voice Integration	Portable	Touch Screen	Enterprise Mgmt	Secure Trusted Networks	Global Carrier	Quantum Encryption	Video Optimization	IoT Asset Mgmt
Cervais® D-RISK Mobile®	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bitdefender Box 2	✓	✗	✗	✗	✗	✗	✗	✗	✗
IoT Defense RATtrap	✗	✗	✗	✗	✗	✗	✗	✗	✗
Keezel	✗	✓	✗	✗	✗	✗	✗	✗	✗
CUJO AI Smart Firewall	✗	✗	✗	✗	✗	✗	✗	✗	✗
NETGEAR Nighthawk M1	✗	✓	✓	✗	✗	✗	✗	✗	✗
Verizon Jetpack MiFi 8800L	✗	✓	✓	✗	✗	✗	✗	✗	✗

Technical Specifications

Performance

Operating System	Android OS 9.0
Application Processor	Octa-core ARM Cortex-A53 64-bit CPU @2.0GHz performance)
GPU	Adreno 506 with 64-bit addressing, designed for 600MHz
Memory	16GB eMMC + 2GB LPDDR3

Connectivity

Wi-Fi	802.11a/b/g/n/ac 2.4GHz/5GHz - Max 433Mbps
Bluetooth	BT4.2 LE 2402MHz~2480MHz
Cellular Features	Cat 6 FDD: Max 300Mbps (DL) / Max 50Mbps (UL)
LTE Bands	B2 / B4 / B5 / B7 / B12 / B13 / B14 / B17 / B25 / B26 / B66 / B71
Mesh Networking	Supports Wi-Fi mesh networking speeds of up to 3.3Gbps (Wi-Fi6 Adapter)
Device Connections	Unlimited CoT connections, 256 simultaneous client connections

Interfaces

SIM	Dual SIMs - One (1) internal and One (1) external
Ports	2x USB-C (3.0) ports - Supports hardwired transmission rates up to 5Gbps 1x USB-C (3.0) port - Supports Qualcomm Quick Charge 3.0

Physical

Dimensions	4.17 in x 4.17 in x 1.14 in
Weight	5 oz
Touchscreen	2.1" color touchscreen, 480 x 480 resolution
Battery	5000mAh, up to 24hrs, Power Bank functionality with external device charging

Security

Features	Provides Quantum Hardware Encryption, Secure Boot, Firmware Signature, Content Protection, Data-at-Rest / Data-in-Transit Protection, Key Management
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About Cervais®

Cervais® is a premier, innovative provider of world-class IT security products and systems. We deliver robust, high-performance security solutions that bring you leading-edge capabilities in managing risk, reducing threats, and securing technology perimeters. With IoT deployments on the rise, Cervais® stands ready to help you implement comprehensive enterprise cybersecurity, identity management, planning, and security services.

For more information, visit Cervais.com.

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