

REDPro ZTX: Multilevel zero trust security platform

REDPro ZTX (Zero Trust Extended) is an open, extendable, multilevel zero trust (ZT) security platform for advanced, cross-platform cyber defense.

Why ZT security?

Traditional perimeter-based cyber security solutions continue to fail, as witnessed in daily news reports of major supply chain and critical infrastructure attacks, data breaches and ransomware attacks. Raytheon Intelligence & Space REDPro ZTX allows organizations of any size to rapidly deploy advanced, multilevel Zero Trust security across their enterprise to counter current and emerging cyberthreats.

Multilevel ZT

Most cybersecurity systems in operation today are based on the outdated and inadequate perimeter-based security model. Experts agree that to stop current and emerging cyberthreats, organizations must adopt a ZT security-based model as soon as possible. ZT security is based on simple, yet powerful concepts such as "never trust, always verify," "assume you have been breached" and microsegmentation.

REDPro ZTX is a highly scalable and extendable ZT security platform that is deployable at the edge, on-premise and in multicloud environments. Unlike other ZT solutions, REDPro ZTX provides comprehensive, multilevel ZT security, starting at the hardware layer and extending to software, users, devices, networks and data.

Its open and modular architecture and its vendor- and product-agnostic, plug-and-play approach allow REDPro ZTX to be easily tailored to address deployment-specific ZT security needs. This flexibility also allows users to prioritize and execute their ZT deployment strategy in phases and start their ZT adoption journey at the user, device, network, workload or data level.

ZT standard compliance

REDPro ZTX's ZT architecture complies with NIST's SP 800-207 Zero Trust Architecture (ZTA) standard, Department of Defense's Zero Trust Reference Architecture and Forrester Research's widely used Zero Trust Extended model.

KEY CAPABILITIES

Future-proof, multilevel ZT platform

Applies ZT to people, devices, networks, workloads and data

Highly extendable, configurable, scalable and open

Vendor- and product-agnostic

Easily integrates with existing cybersecurity solutions

Deployable at edge, on-premise and multicloud

NIST 800-207 and U.S. Department of Defense ZT Architecture-compliant

5 layers of ZT protection (people, devices, networks, workloads and data)

4 deployment options: edge, on-premise, multicloud and hybrid

24/7, 360-degree coverage

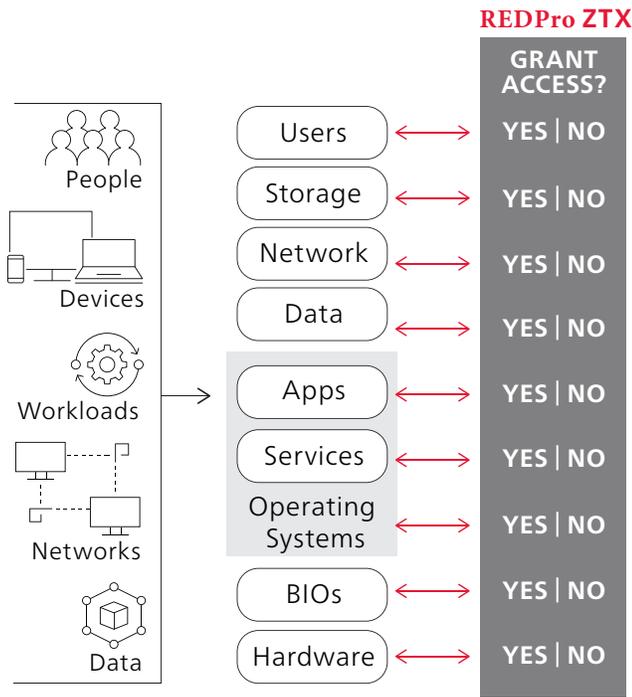
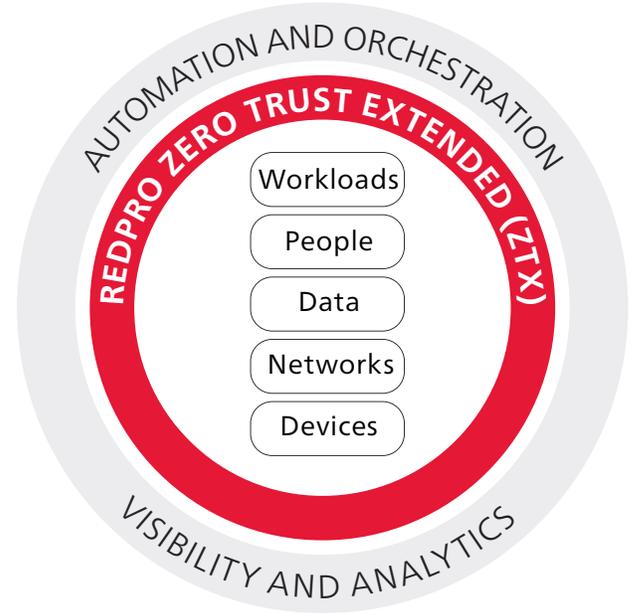
REDPro ZTX

Capabilities

REDPro ZTX provides best-in-class ZT identity, network, device, workload and data security. Unlike conventional ZT solutions, the ZTX platform also incorporates defense-grade cyber resiliency (e.g., self-healing system support, embedded data and application decoys and independent local and remote hardware, system and software attestation). REDPro ZTX provides an intuitive, web-based user interface for real-time cyber situational awareness and command and control. The platform's REST-based application programming interface (API) facilitates rapid integration with other third-party products and existing enterprise security solutions such as SIEM and SOAR systems.

Benefits

REDPro ZTX's ZT standard compliance and its open, extendable, deployment platform-agnostic architecture prevents vendor and product lock-in, thus providing a future-proof ZT platform. Its library of pre-vetted, optional ZT components from industry-leading ZT technology partners speeds up ZT deployments and lowers technical risks. In addition, REDPro ZTX's multilevel approach to ZT makes it exponentially harder for internal and external threat actors to avoid detection, steal information or tamper with mission-critical systems. By fusing ZT with cyber resiliency, REDPro ZTX is also able to provide unmatched active defense capabilities, designed to defeat even the most advanced adversaries.



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