

The background image features a futuristic, glowing blue and purple digital landscape with circuit-like patterns and a central circular platform. On this platform, the 'eLxR PRO' logo is displayed in white. The 'e' is stylized with a small starburst above it. The text 'WIND RIVER' is in white, and 'ELXR PRO 25.03' is in a teal color, both overlaid on the image.

WIND RIVER ELXR PRO 25.03

Highlights: Security Enhancements and Enterprise Edge Readiness

eLxR Pro™ is Wind River®'s commercial-support offering for a reliable, secure, and cost-saving enterprise-grade Linux that addresses the unique challenges of near-edge and far-edge computing. eLxR Pro is based on the eLxR project, an open source, Debian-derivative Linux distribution that broadens access to cloud-native environments while connecting edge computing devices.

The release of eLxR Pro 25.03 addresses three pivotal areas:

- Enhanced security and compliance
- Optimized enterprise readiness
- Expanded enterprise, edge, and cloud features

ENHANCED SECURITY AND COMPLIANCE

Security and compliance are top priorities in eLxR Pro's latest release, based on Debian 12.9 (aka "bookworm"). eLxR Pro has secured Implementation Under Test (IUT) list status for FIPS 140-3 certification on five core cryptographic modules, part of the U.S. [Cryptographic Module Validation Program](#). This achievement strengthens our commitment to delivering top-tier encryption solutions for applications requiring the highest levels of security.

The new release also includes a submission for [Center for Internet Security \(CIS\) Benchmarks](#) to help organizations maintain a secure infrastructure and ensure alignment with industry security standards.

OPTIMIZED ENTERPRISE READINESS

The new release adds several integrations to improve enterprise security. Among them are CrowdStrike for endpoint protection, Tanium for enterprise-grade endpoint management, and Rapid7 security analytics to address threat detection and response. These integrations help businesses fortify their security postures against cyberthreats.

EXPANDED ENTERPRISE, EDGE, AND CLOUD FEATURES

This release made improvements in enterprise stability, reliability, and manageability, with more coming in a June update. The logging system has become more reliable, with better options for system observability, making it easier to monitor and troubleshoot operations. Quality assurance automation has been expanded for testing features, which improves software reliability. Performance and stability improvements make the experience smoother and more responsive. Enhancements to the eLxR Pro repository improve package management for easier software deployment and maintenance.

For customers using eLxR Pro in cloud and edge computing environments, this release introduces several key improvements. The inclusion of eLxR cloud images in the QCOW2 format simplifies virtualization, making it easier to deploy in cloud-based environments. Additional cloud-native enhancements further expand support for containerized workloads, allowing organizations to efficiently manage their cloud applications.

Looking ahead, eLxR Pro will continue to build on these advancements, further strengthening security, enhancing enterprise readiness, and expanding cloud and edge capabilities to meet the needs of mission-critical applications.

[Learn More](#)