



ELXR PRO MIGRATION SERVICES

ACCELERATE YOUR JOURNEY TO RIGHT-SIZED LINUX FOR CLOUD-TO-EDGE DEPLOYMENTS

The eLxr project, a Debian derivative distribution, delivers a freely available, community-developed, enterprise-grade Linux for mission-critical and compute-intensive cloud-to-edge deployments. eLxr Pro adds commercial support for the eLxr project. With eLxr Pro, customers can innovate using a tailored solution from a single, trusted source, with access to the support and tools they need for their unique requirements.

Migrating from commercial and community Linux distributions to eLxr is particularly compelling today, as many enterprises consider the risks and limitations of other options, such as the threat of vendor lock-in, inadequate security and compliance, the slow adoption of new features and capabilities, limited workload portability, insufficient lifecycle management, and a lack of synergy between the cloud and the edge.

In contrast, eLxr avoids these pitfalls by preserving the advantages of Linux while opening the door to more cloud-enabled innovations.

Wind River®, an industry leader in open source Linux for two decades, offers complete and customizable migration services to eLxr through eLxr Pro Professional Services options.

ELXR MIGRATION PROCESS ROADMAP

Wind River Professional Services can assist with any and all phases of the migration to eLxr Pro.



Interview Key Stakeholders

Wind River consultants meet with the customer’s experts to capture the intended use of the system and review current configuration notes. They examine any technical debt, such as custom patches and packages.

WIND RIVER PROFESSIONAL SERVICES

Deep roots in Linux, with a broad range of consultancy and expert services

20 years of leadership in open source Linux:

- Founding member of Yocto Project
- Founder of StarlingX
- Active participant in Debian
- Core member of Open Handset Alliance

Wide array of services:

- Technical analysis and assessments for specialized workloads and custom packages
- Performance tuning and use case optimization for cloud-to-edge deployments and SWaP considerations
- Enhanced security (e.g., secure boot), evaluations, and certifications, including FIPS 140-3 certification and STIG hardening plus NIAP, FACE, and FedRAMP services and DO-178 certification
- Customer support, management, education, and training services

LEARN MORE:

[Wind River Professional Services](#)

Inventory the Platform to Be Migrated

The Wind River eLxr Pro team interrogates the platform on its configuration, including (but not limited to) installed packages, applications and system management software used, platform-specific configurations, file system layout, container setups, network configurations, and preferred hardware vendors. Wind River experts then verify that the results match the expectations of key stakeholders and alert them to any misalignments.

Review eLxr Packages vs. Inventory

Consultants cross-reference available eLxr packages with the results of the host inventory, identify any alternative package sources, and recommend a set of package additions to key stakeholders.

Deploy eLxr Pro

Wind River ensures that the new system matches the configuration of the old system as documented during the inventory phase. Existing applications should run without modification on the new configuration, with equivalent or better performance.

Install Cloud Services

If a dependency on cloud services is identified during the interviews or inventory, consultants deploy the appropriate SDK and agents and set up any firewall rules or port mapping required by the cloud service's SDKs or agents.

Ensure Post-Deployment Success

Following deployment, Wind River Professional Services experts provide three categories of services to ensure success:

- **Testing** of the new eLxr system, preferably on a staging system that mirrors the production system
- **Documentation and training**, including documentation of the install configuration (as built), updating the internal customer documentation, and offering additional training from Wind River Education Services
- **Optimization and monitoring** of the new deployment, and deployment of additional optimizations and adjustments as needed

LEARN MORE

Get the details about eLxr Pro by downloading the [eLxr Pro Solution Overview](#), or access any of the resources listed below:

- Visit the **eLxr Developer's Corner** at elxr.dev for image downloads, documentation, and package repositories.
- Learn about the **eLxr project** by visiting elxr.org for the project description, governance details, and membership/new/wiki updates.
- Go to www.windriver.com/products/elxr-pro for more details about support and maintenance, certifications, services, and more.

For an overview of Wind River Professional Services and their value for customers, visit our [website](#).

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