# TIMESYS® LINUXLINK FOR LANTRONIX PREMIERWAVE™ EN

# YOUR PROVEN EMBEDDED LINUX SOLUTION

#### Product Overview – LinuxLink

LinuxLink is Timesys' award-winning embedded Linux software development framework that provides a complete, easy-to-use and affordable solution for teams of all sizes. The third-generation, LinuxLink framework features Timesys' intelligent embedded Linux Distribution Builder called Factory – which empowers developers with full control over their product development. The Factory Distribution Builder includes innovative 'advice' and 'update' engines that enable developers of all experience levels to successfully build and maintain the Linux platform, toolsets and applications specific to their project requirements.

LinuxLink helps developers reduce the development time, risks and costs inherent in building an embedded Linux-based product and in maintaining it throughout its lifecycle.

#### **Complete Support and Services**

Timesys and Lantronix are committed to supporting customer needs with our deep engineering expertise—not only in building a custom product based on open source Linux, but also in maintaining the product throughout its entire lifecycle.

All LinuxLink subscriptions include full technical support from expert engineers at Timesys. The team draws on its extensive experience to

address questions on environments, development tools, middleware packages and LinuxLink components.

#### The following are included in a LinuxLink subscription:

- + Embedded Linux for numerous architectures
- + Latest GNU toolchain
- + Factory build system for repeatability and consistency
- + Toolbox with properly configured commonly used tools
- + Eclipse-based IDE called TimeStorm
- + Customized 'update' notifications
- + Patches and automatic patch integration via Factory
- + Detailed how-to documentation and how-to demos
- + Unmetered, live support

#### PremierWave EN features Lantronix Applications such as:

- + Virtual IP (VIP) Access<sup>TM</sup> gaining remote connectivity even behind firewalls
- + Evolution Applications including CLI, serial tunneling, XML configuration
- + Web Manager providing users with status information and configuration capabilities
- + Bridging connecting LANs, allowing the forwarding and filtering of data packets

For more information on the Timesys SDK, please visit http://www.timesys.com/supported/boards/lantronix

**CHOOSE BUILD DEPLOY PremierWave Product Family Support** TimeStorm IDE (Eclipse) Web-based Latest open-source kernels • Application development & debug • Full support for Atmel ARM9 In-person • Fully integrated with Factory tools Extensive documentation • Extensive device support • Compatible with Eclipse ecosystem **Your Custom Tools (SDK) Development Tools/Libraries** • gcc/C library/gdb **Factory Distribution Builder** • Supported version of gcc, glibc, uClibc Relevant application libraries · Eclipse-based environment • Interactive UI with intelligent advice Guides your selection of packages Your Custom Image (BSP) • Web (hosted) and Desktop versions Kernel/drivers **OS Apps & Middleware** (Work : Orders) Root file system • Rich selection of packages Networking, industrial, consumer **Updates** • Pre-built, tested, supported Automatic kernel updates Ready to run Pre-integrated Lantronix value-added Automatic middleware updates on your hardware applications · Web-based & desktop notifications **LinuxLink Software Development Framework** 

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