

MONTAVISTA® PROFESSIONAL SERVICES

Custom Software Services Give You The Advantage

» Highlights

- » Linux-based embedded OS and complete development environment enables faster time-to-market and lower development costs
- » Multi-threaded, multiprocess, multiprocessor support in a single OS
- » Low latency real-time performance in native Linux
- » Fixed priority, low-overhead real-time scheduler
- » Comprehensive development and analysis capabilities reduce project risk
- » Broadest array of hosts and target platforms supported on a common source base in the embedded industry
- » Rich networking enables high-performance connected applications
- » Built-in memory protection blocks runtime faults
- » Includes over 250 Linux application packages with thousands of deployable software components to accelerate Platform Image creation
- » Pre-integrated graphics runtime and development tools providing powerful advanced graphics capabilities based on X Windows and Gtk

Responding to the growing needs of our customers and partners, the MontaVista Professional Services organization provides a variety of advanced software engineering and consulting services to help our customers succeed.

Advanced Software Development And Top Quality Consulting Services

The design and deployment of embedded systems and applications has never been more complicated or time critical. Crucial decisions with absolute assurance are required each step of the way. It is no surprise that even our most experienced customers often require additional expertise to navigate these turbulent waters.

With a practice based on years of embedded Linux systems success, MontaVista Professional Services experts deliver the unequalled technical expertise required for success. MontaVista will work with you to deliver the services you request to ensure the technical success of your project.

MontaVista Professional Services provides services to assist you with all stages of your product lifecycle starting with system concept and design, progressing through reference hardware selection and software development, and concluding with integration and final test. Our goal is to help you to succeed in building a complete integrated solution for the most challenging embedded systems designs.

MontaVista Professional Services maximizes the value customers receive from their MontaVista Linux subscriptions. Reduced time-to-market coupled with a high quality robust product ensures customer satisfaction and a loyal customer base. Maximize the value of your products through in-depth assessments of the system and application development infrastructure and business requirements, to ensure long-term repeated success enabled through MontaVista Professional Services.

Markets Served

Key advantages MontaVista Linux offers relative to traditional proprietary embedded software solutions are tremendous - significant savings in total cost of ownership, faster time-to-market for embedded developers and OEMs, and the ability to differentiate products. Leading companies in the following markets depend on MontaVista Linux: TV & Home Entertainment, Telecom, Datacom, Storage Equipment, Mobile/Wireless, Automotive Telematics, Office Equipment, Medical Electronics, Aerospace and Defense, and Instrumentation and Control.

MontaVista Linux Family Of Products

MontaVista Software offers a family of MontaVista Linux products that address a wide variety of software development needs in applications ranging from communications infrastructure to consumer electronics. They include:

- MontaVista Linux Professional Edition
- MontaVista Linux Consumer Electronics Edition
- MontaVista Linux Carrier Grade Edition
- MontaVista Graphics

MontaVista Professional Services extends to you the use of the same process-driven engineering backbone and infrastructure we use to deliver our award winning products to our customers and partners. Please contact MontaVista Software to learn more about MontaVista Linux products, professional services and training.

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MontaVista Technology Leadership

MontaVista Software is at the cutting edge of the evolving Open Source embedded technologies. As the leader in embedded Linux technology, we provide developers with superior integrated system platform solutions based on GNU/Linux. MontaVista Software emphasizes world-class process driven software practices which allow our customers to bring quality products to market faster, with a lower cost structure. MontaVista is home to key community contributors to core Linux development, providing insight and leadership for the direction of various microprocessor architecture projects (e.g., PowerPC) and the associated roadmaps.

Since its inception, MontaVista has made numerous notable contributions to the state-of-the-art that have benefited developers of embedded applications across markets ranging from communications infrastructure to consumer electronics. Some of our technical contributions include:

Core Open Source Embedded Linux Development:

- Retargeting Linux for multiple architectures
- Introduction of the first commercial-quality cross-development environment for embedded Linux
- Origination and ownership of the (real-time) preemptible kernel project
- Introduction of the first fixed priority scheduler for Linux (concept picked up for O(1))
- Restructuring the Open Source Linux trace toolkit for cross development and retargeting for key embedded microprocessors
- Enabling embedded Operation (No console, No disk)
- Optimizing LSPs for high-integration CPUs & peripherals support

Communications Technology Leadership:

- Introduction and ownership of the field safe application debugger

Engagement Process

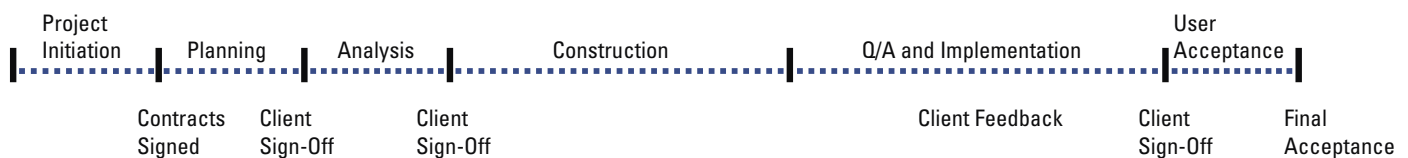
Project execution at MontaVista Software is process-driven. We use an extensive set of management and development processes to assure that projects are delivered on time, within estimated budgets, and meet or exceed the customer's performance requirements.

Comprehensive Offering Enhances Productivity

Efficient use of engineering resources is critical to success, as the amount and complexity of embedded software increases while market windows shrink. MontaVista Linux Professional Edition features MontaVista DevRocket, an integrated development environment offering cross and native tool chains, advanced GUI-based debugging capabilities, software and performance analysis capabilities, and powerful project wizards designed to increase developer efficiency. Professional Edition also includes over 250 Linux system application packages that can be used to rapidly build-up Platform Images. MontaVista Software's customer resource portal—the MontaVista Zone™—provides online access to downloads, development tips, documentation and other valuable information.

Dependable Linux For The Embedded Market

Customers consistently rely on MontaVista Software for its technical leadership, and partnerships with leading microprocessor and board vendors. MontaVista Linux Professional Edition is used by hundreds of customers worldwide for its advanced feature set, superior OS, complete development environment, and a wealth of benefits inherent in the MontaVista product subscription model.



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