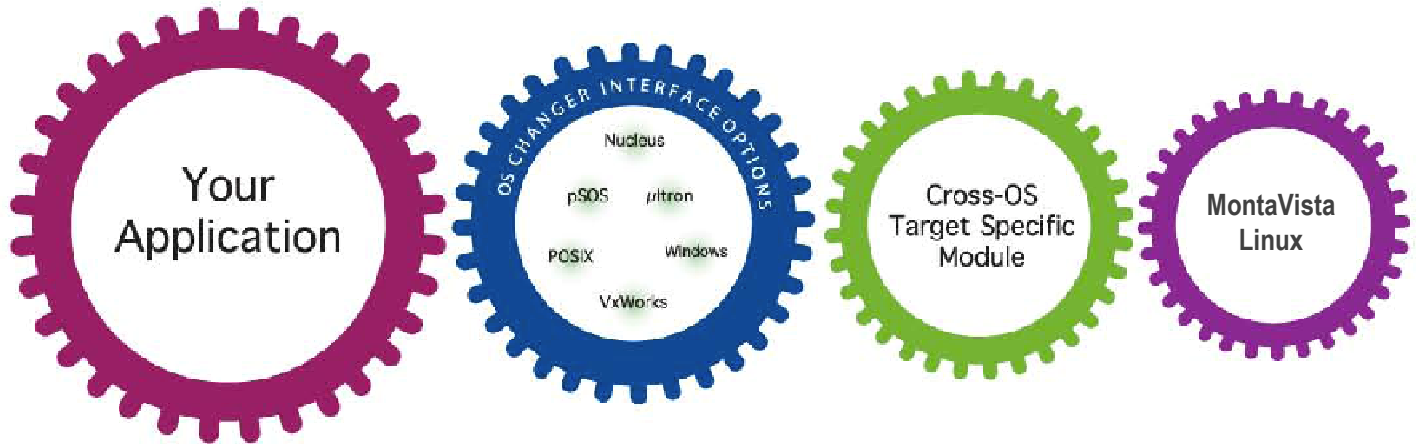


## Porting Kit

OS Changer for MontaVista Linux is a C/C++ source-level virtualization technology that allows you to easily re-use your software developed for a proprietary OS on MontaVista Linux while providing real-time performance. It eliminates the manual porting effort, saves money and shortens the time to market. The appropriate OS Changer Interface connects to your existing application that was developed on your current OS, while the Cross-OS Target Specific Module provides the connection to the MontaVista Linux target OS.



## Why Change Your OS to MontaVista Linux?

- Switch to a Linux that offers support for your next generation hardware
- Switch to a Linux that is more economical and/or requires no royalty payments
- Switch to a Linux that provides better development tools
- Switch to a Linux that offers a wide range of driver, protocol and middleware support
- Switch to a Linux that offers you better performance and a smaller memory footprint
- Switch to a Linux that meets your required certification standards

## Available Porting Kits and Supported Target Operating Systems

OS Changer Porting Kits are available for installation on either Windows or Linux host platforms. Based on your application, please select the appropriate porting kit below and refer to the corresponding technical datasheet.

<i>VxWorks® Porting Kit</i>	<i>Linux®/POSIX Porting Kit</i>	<i>Nucleus® Porting Kit</i>
<i>pSOS® Porting Kit</i>	<i>micro-ITRON® Porting Kit</i>	<i>Windows® Porting Kit</i>

## Why OS Changer?

- Protect your existing software investment now and in the future
- Reduce the learning curve on MontaVista Linux by developing with the familiar APIs of your current OS
- Capture new markets by extending the support of your product on Linux.
- OS Changer is provided in full source code with no royalty fees
- Integrates with the MontaVista DevRocket Eclipse-based IDE for a seamless development environment
- OS Changer enhances the robustness and performance of your application with advanced real-time features and supports a wide variety of host OS platforms

## OS Changer Porting Kit Contents

- One OS Changer Interface for the OS you are moving from
  - VxWorks Interface
  - pSOS Interface
  - Nucleus Interface
  - POSIX Interface
  - uITRON Interface
  - Windows (Win 32) Interface
- Cross-OS Target Specific Module for MontaVista Linux
- Library Package Generator
  - Full source code of the OS Changer Interface and Cross-OS Target Specific Module for MontaVista Linux
  - Full libraries of the OS Changer Interface and Cross-OS Target Specific Module for your host platform (Windows or Linux)
  - Sample demo applications for reference
  - Project build files for supported tools & MontaVista DevRocket IDE for your target environment
- Optimized Target Code Generator
  - Generates the OS Changer Porting Interface and Cross-OS Target Specific Module source code, specifically optimized for your application and target environment
  - Creates project files for your DevRocket IDE
  - Includes the system settings you chose in the GUI-based Wizard
- OS Simulator for your chosen OS Changer Interface for host development/simulation
- Profiler to view performance data regarding your application and platform, and to generate timing reports

OS Changer, OS Abstractor, Cross-OS, OS Simulator, OS PAL, Ada-PAL Compiler, Ada-C/C++ Changer and MapuSoft are trademarks of MapuSoft Technologies, Inc. All other brands or product names are the property of their respective holders. Contents subject to change without notice.

Linux is a registered trademark of Linus Torvalds in the United States and other countries. MontaVista is a registered trademark of MontaVista Software, LLC. All other names mentioned are trademarks, registered trademarks or service marks of their respective owners.