

MAPUSOFT'S SOLUTION FOR THE OEM & SILICON VENDOR INDUSTRY

WITH MAPUSOFT YOU CAN

- Offer your customers an easy way to reuse their existing code on your supported OS platforms with OS Changer
- Support many popular operating systems used by your customers with OS Abtractor
- Port, abstract and optimize your code on a host with OS PAL

USE OS CHANGER TO PORT YOUR CUSTOMER'S CODE

Your customers may decide to change their OS to your supported operating system but there will be much development work involved to complete the port. Why spend a lot of time and money doing custom RTOS ports and/or peripherals support to win a deal? OS Changer provides a quick and easy way to reuse their code on the new operating system.

- Offered royalty free and with source code
- Your customers' software investment is protected by re-using their legacy code on your OS platforms
- Your customers can use familiar APIs to develop new applications to eliminate the learning curve on the OS supported by your products and have a head start in understanding your solution and in use it in their real products
- Reduce the time spent getting your customer on your supported OS by migrating their code quickly and easily
- OS Changer is highly optimized for each specific OS platform
- Eclipse-based host environment is available to port applications using OS Changer in OS PAL
- POSIX or open source Linux code can be reused on a new OS platform with POSIX OS Abtractor

USE OS ABTRACTOR FOR YOUR DEVELOPMENT

Your customers may not want to change their operating system to your supported OS due to technical or economic reasons. Why spend time and money developing an in-house OS Abstraction to support your customers OS? By using MapuSoft's OS Abtractor standardized OS interface your product can support many popular operating systems used by your customers.

- Offered royalty free and with source code
- Developing software to run on multiple operating systems will
 - Expand your market share and opportunities
 - Provide flexibility to your customer to use your solutions on their preferred OS platform
- Using a standardized OS interface architecture will
 - Allow you to develop proof-of-concept demo software quickly and easily across various RTOS/Peripherals
 - Reduce the learning curve associated with adopting a new OS by using intuitive, flexible and standard APIs across multiple operating systems
 - Protect software investment by enabling efficient software re-use across multiple platforms
 - Eliminate manual updates to applications when upgrading to newer versions of OS

MAPUSOFT
Porting Made EasySM



MAPUSOFT'S
OEM & SILICON VENDOR
CUSTOMERS

➤ ST MICROELECTRONICS

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CUSTOMER TESTIMONIAL](#)

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MAPUSOFT'S SOLUTION FOR THE OEM & SILICON VENDOR INDUSTRY

- Available add on POSIX OS Abtractor offers a high level of POSIX code re-usability across many supported POSIX and non-POSIX operating systems
- Provides an industry standard interface for your proprietary OS
 - Make your solution more compelling and valuable to your end users and customers
 - Make your proprietary OS more adaptable for your customers
- Easily connects to your in-house OS abstraction so it doesn't become difficult and time consuming to manage and take away from developer's core competencies and productivity. Developing in-house OS abstraction requires considerable
 - Time, resources and money
 - Planning to support multiple OS
 - Detailed knowledge of low level OS functions and interfaces
 - Development
 - Testing
 - Maintenance
 - Up front cost associated with purchase of various OS and tools in order to validate your product

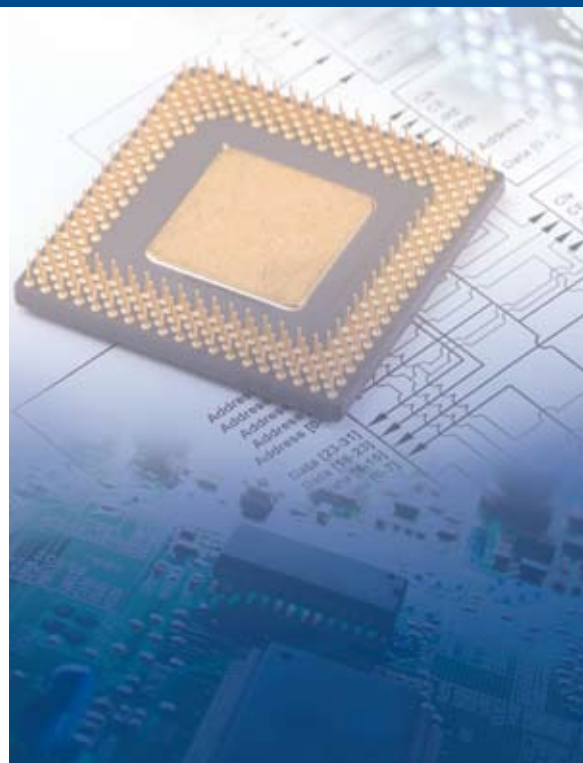
USE OS PAL TO PORT, ABSTRACT AND OPTIMIZE CODE

Using OS Changer and OS Abtractor can be even easier on a host platform with OS PAL's easy-to-use graphical user interface that is integrated with the Eclipse® based CDT environment.

- OS PAL simulates various OS interfaces such as VxWorks, pSOS, POSIX and Nucleus on host development environments so users can develop embedded code with preferred OS APIs and without the target hardware
- VxWorks®, POSIX, Nucleus® and pSOS® API interfaces are available for porting legacy applications on host platforms to multiple target platforms
- BASE OS Abtractor APIs are available to provide a standard real-time OS interface architecture for developing new and highly portable applications
- POSIX OS Abtractor APIs are available to leverage re-usable open source Linux/POSIX code to efficiently add feature-rich services in a cost effective manner
- OS PAL's state-of-the-art Eclipse based IDE offers seamless integration into existing development flows enabling a high degree of usability and productivity
- OS PAL reads application source code to determine the services used by your application and produces OS specific interface code optimized for your specific application and for each target OS platform
- OS PAL generates project files for your target IDE

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