

When **PERFORMANCE** is critical
leaders rely on **TASKING**.

TASKINGTM

INTEGRATED DEVELOPMENT ENVIRONMENT

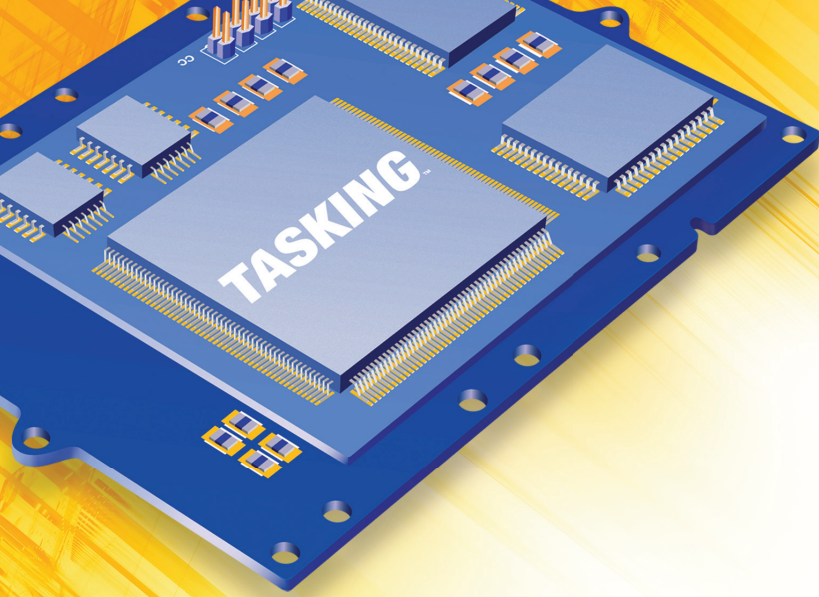
C/C++ COMPILERS AND DEBUGGERS FOR:

- TriCore/AURIX
- Power Architecture
- RH850
- ARM Cortex-M/R
- C166, XC2000
- ON Semiconductor LC87
- And more ...

KEY FEATURES INCLUDE:

- Support for multi-core design and ISO 26262
- Target-specific, highly optimizing compilers
- Embedded C++
- Software Platform Builder
- Eclipse based IDE and debugger
- Compiler integrated Static Code Analysis:
 - MISRA C
 - CERT C Secure Coding Standard





TASKING™

VX-TOOLSET FOR ARM-CORTEX-M MICROCONTROLLERS

The VX-toolset for ARM is the first TASKING compiler suite to receive the Software Platform technology, which is seamlessly integrated into the toolset's Eclipse based IDE.

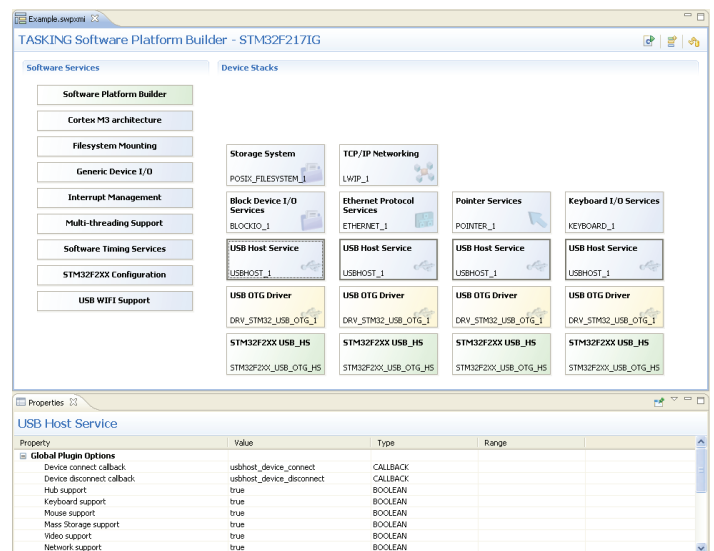
Build your software stack with just a few mouse clicks.

The latest release includes TASKING Software Platform Builder for creating applications with a range of middleware functionalities through just a few mouse clicks.

The new release includes support for a range of new Cortex-M based microcontrollers, including variants from STMicroelectronics (STM32), Silicon Labs (Zero Gecko), Infineon (XMC) and Freescale (Kinetis). The integrated debugger provides support for many new evaluation boards and starter kits, providing pre-configured connectivity to allow the developer to quickly test his application on standard off-the-shelf hardware.

FEATURES OF THE TASKING VX-TOOLSET FOR ARM INCLUDE:

- Eclipse IDE with integrated C/C++ compiler and simulator debugger
- MISRA C and CERT C code analyzer built into the compiler
- Profiling through code instrumentation and run-time error checking capabilities
- Highly configurable linker with versatile script language for optimal memory control
- On-chip hardware debugger, supporting a range of popular debug probes from third party vendors
- Software Platform with a range of middleware options, includes a comprehensive range of middleware functionalities, such as an RTOS, CAN, USB, TCP/IP, I2C, HTTP(S), file systems, graphical user interface and touch panel control
- Compliant to relevant industry standards



New TASKING Software Platform Builder: Graphical user interface to easily build software stacks



Your leading edge technology partner
Consult | Deliver | Delight
Scan me or visit: www.ccontrols.ch