

C++ Development Environment

- Object-Oriented Design For Embedded Systems
- Easy Migration For Established C Programmers
- High-Performance Optimizing Compilers
- C++ Class Interface to pSOS+, pSOS+m Kernels
- Optimized Heap Manager
- Task Garbage Collection

Offering the industry's first dedicated C++ support for an embedded real-time operating system, pSOSystem's C++ environment includes support for C++ language development tools, run-time support and a tightly-coupled, object-oriented interface to the pSOSystem* operating system. pSOSystem's C++ development package consists of:

- C++ Class Library
- C++ Run-Time Initialization Routine
- Optimized Heap Management for C++ *new* and *delete* Operators
- C++ Compilable Header Files
- XRAY+ C++ Debugger Support

Both language development tools support and an object-oriented interface to the pSOSystem operating system are provided. The language development tools support includes a C++ cross compiler and simulator, a linker and an assembler and the Integrated Systems enhanced cross debugger, all optimized for use with the pSOSystem environment. The object-oriented interface provides C++ class definitions for tasks, queues, semaphores and other operating system entities. This C++ interface greatly improves memory management, program readability and maintainability.



HOST SYSTEMS SUPPORTED:
IBM-compatible PCs; Sun SPARCstations; IBM RS/6000 workstations; HP 9000 series 700 workstations

PROCESSORS SUPPORTED:
i960® Processor Family

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For international contacts see Appendix B.

