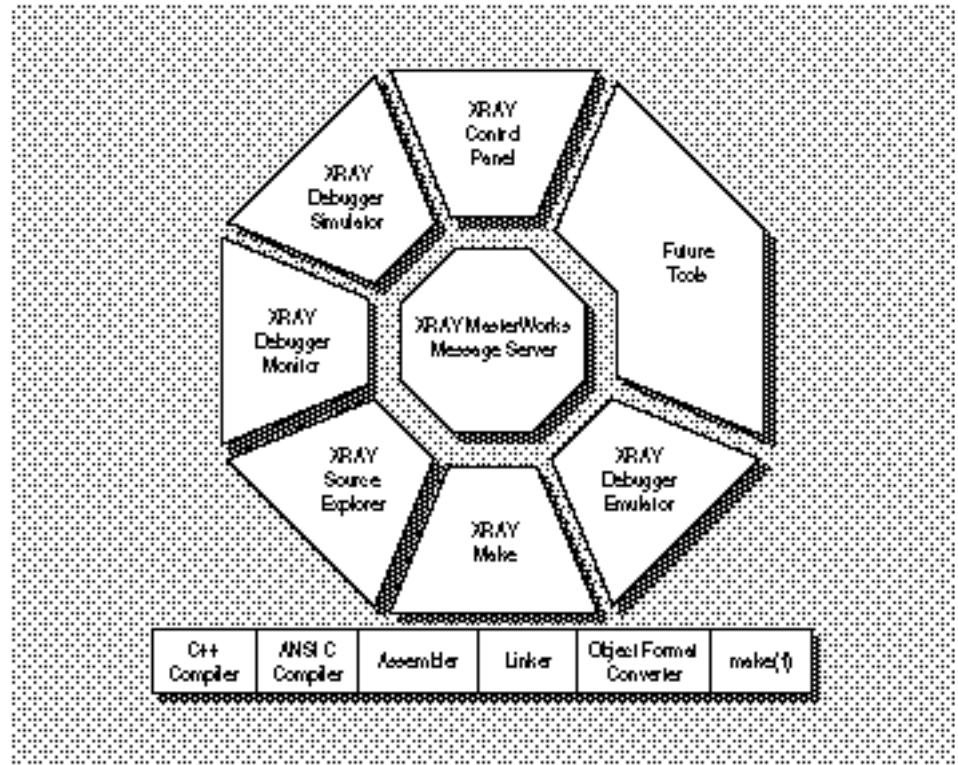# XRAY MasterWorks

- Optimizing C and C++ Cross Compilers for the i960® Processor Family
- XRAY Debugger Supports Many Debug Environments
  - Instruction-Set Simulation
  - Cross Development
  - In-Circuit Emulation
  - Debugging Under Real-Time Operating Systems
- Tight Integration Allows Rebuilding and Reloading the Program with a Single Click
- Integrated Productivity Tools
  - Automatic Makefile Generation and Update
  - Graphical Source Code Management
  - Source Code Browsing, Graphical Program Analyzer, and Symbol Browsing
  - Integrated Editor

The Microtec Research XRAY MasterWorks Software Development Environment for embedded systems designers is a package of program building, code generation, debugging, and analysis tools that provides

- Easily accessible, push-button control over a variety of development tasks spread across many tools
- Tight integration of tools enabling a rapid edit-compile-debug process leading to higher productivity

Included in XRAY MasterWorks are the XRAY MasterWorks Productivity Tools, XRAY Debugger, and the C and C++ cross compiler package.

XRAY MasterWorks Productivity Tools consist of a graphical source code manager, a graphical make tool that can generate and update makefiles, and a source code analyzer tool that can display the call tree and browse symbols.

The XRAY Debugger displays multiple windows simultaneously for analyzing different views of the target system and debugs optimized C and C++ code in a

variety of execution environments, including instruction-set simulation, in-circuit emulation, and the in-circuit monitor.

The ANSI C and C++ Cross Compiler Package generates highly optimized, ROMable, reentrant code and includes the C or C++ compiler, Intel compatible macro assembler, linker, and librarian.

HOST SYSTEMS SUPPORTED:
Sun SPARCstations, MS Windows*, DOS and HP 9000 Series 700. Not every feature available for every platform.

PROCESSORS SUPPORTED:
i960 Processor Family

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73