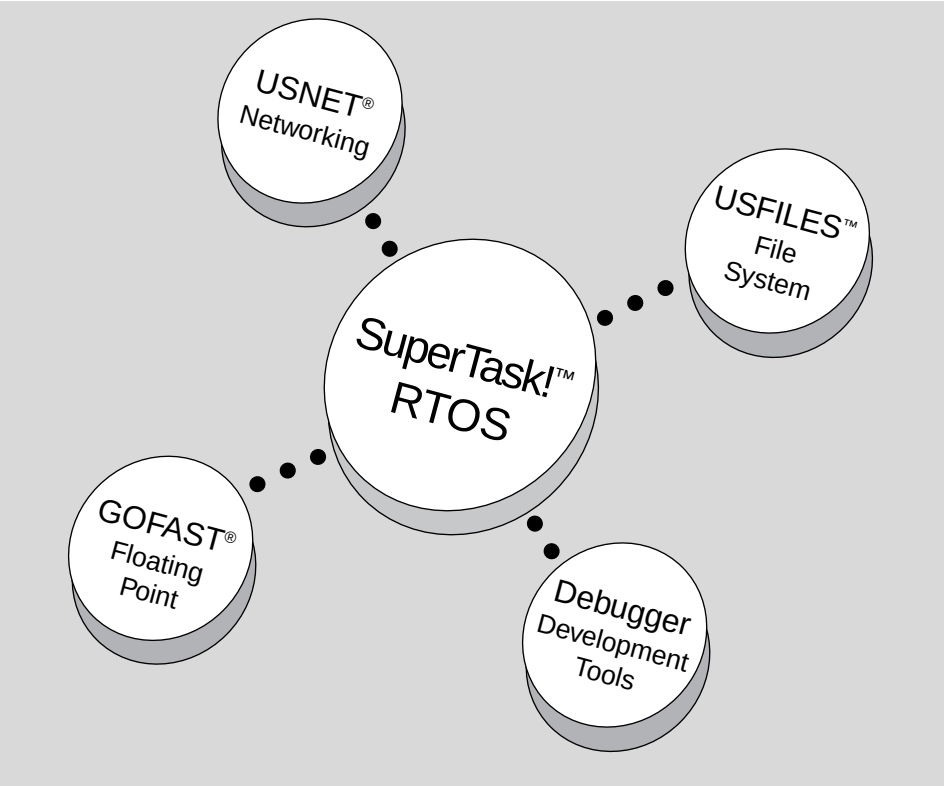
SuperTask!—Real-Time Embedded Operating System

- Compact and Fast
- User Configurable
- ROMable and Reentrant
- Full Featured More Than 70 System Calls With Serial Pipes and Drivers
- Fast Task Switching Low Interrupt Latency
- Includes Boot Code, C Startup, and Configuration Code
- Full Source Provided
- Easy Scalability
- Optional Networking, SNMP and File System



The SuperTask! software suite is full featured and can be integrated or used as standalone components. These tools and utilities are stable, compact, fast and simple to use, with all the features you need to get your design up and running.

The RTOS component is compact, fast, and user configurable. Included are prototyping, debugging, and support for more than 20 C and C++ compilers/tool chains.

This RTOS is a full suite of multitasking products. It includes tools covering everything from generating application C code to multitasking on your target microcontroller.

Use SuperTask! to develop and implement real-time multitasking applications using more than 70 powerful system calls. Get complete source code with ANSI C stream I/O operations on your target microcontroller using the standard ANSI C interface.

No matter which target microcontroller you choose, your code will behave identically with SuperTask!, an extremely valuable feature that ensures maximum reuse of existing code and a shorter time-to-market.

In addition, US Software's ANSI C core guarantees greater reliability on each microcontroller because of extensive testing in multiple environments. This standard conformance test is shipped with each delivery of SuperTask!

This allows you to test kernel operation on your target system — before you write and task code — and be assured it works.

Our multitasking benchmarks will help you see how our multitasking solution works on your target microcontroller. Many multitasking benchmarks are simple cycle counts, but we have benchmarked our kernel using measured timings in real situations on Intel microcontrollers and compiler tool chains. You will really know what to expect for operation in your environment.

MICROCONTROLLERS SUPPORTED:
80196, 8051, and 8xC251Sx

DEVELOPMENT PLATFORMS:
DOS, Windows, WIN95/WIN NT, UNIX Workstations
Source code provided

AVAILABILITY:
Now (8xC251Sx, available Q4 '96)

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