# SoftProbe Remote Debugger

- Windows* NT, 95 and 3.x Hosted
- Real- and Protected-Mode Debugging
- OMF Format Support
- Source and Symbolic Debugging for C/C++
- Extensive System-Level and I/O Views

SoftProbe Remote Debugger is a Windows-hosted Source-Level Debugger for embedded development. A Remote Debugger allows for the downloading of a program from the host PC and debugging on the actual target system.

The Target Monitor controls program execution on the target. The Target Monitor communicates with the host via a RS-232 serial port.

This tool provides source-level and symbolic debugging for C and Assembly. Support for debugging C++ applications is provided at source-level with mangled C++ symbols. Among others, the debugger provides the following features and views:

**Code Window** - Shows code in source, disassembler and mixed modes.
**Breakpoint Window** - Defines breakpoints based on symbolic addresses.
**System Level Views** - GDT, IDT, LDT, TSS and 386/387 Registers.
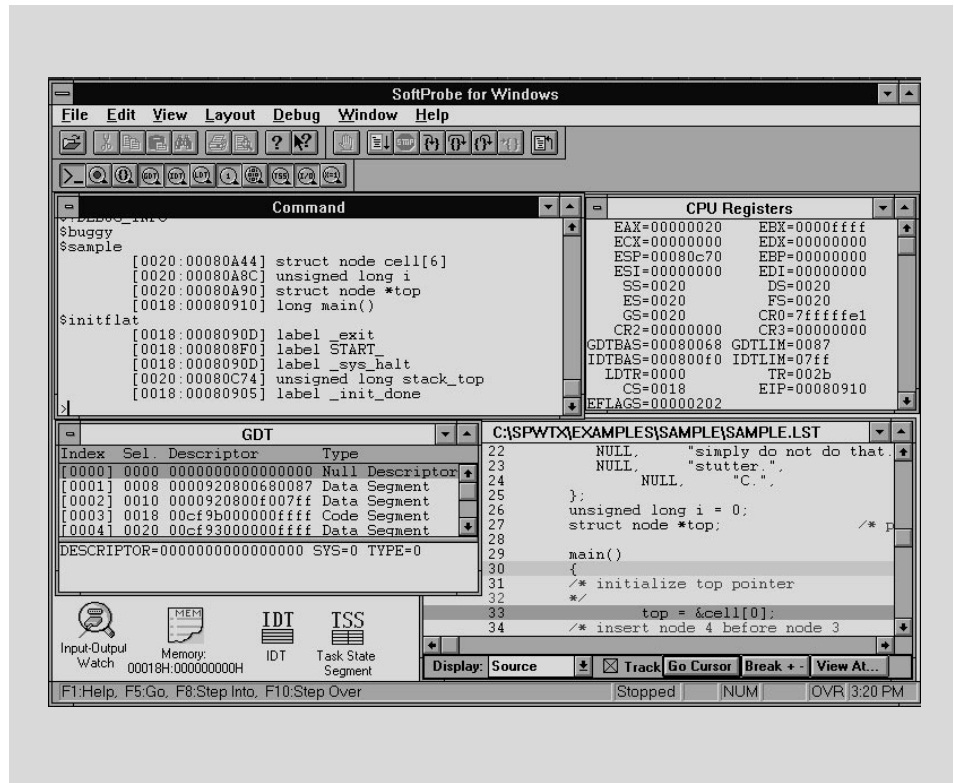**Memory Window** - Shows memory in a variety of forms.
**Watch Window** - Allows the user to view and edit symbols.
**Call Stack Window** - Shows the active chain of function calls.
**Locals Window** - Shows the active local variables.
**I/O Watch Window** - Allows the user to read/write to any I/O port.
**Symbol Browser Window** - Allows the user to browse symbols, set breakpoints, add program variables to the Watch Window.



SoftProbe Remote Debugger connects to the target via a RS-232 serial port. It is the Target Monitor Program that actually controls program execution on the target and communicates with the debugger on the host system.

SoftProbe Remote Debugger includes a number of pre-configured target monitors for 386/486/Pentium development boards. Assembly source code for target-dependent modules, link files, makefiles, and step-by-step instructions are included for customizing the Target Monitor to suit the needs of you target system. The Target Monitor supports auto-start ROM-based applications.

**HOST SYSTEMS SUPPORTED:**
Windows 3.x running Win 32S, Windows NT, Windows 95

**PROCESSORS SUPPORTED:**
Intel386™, Intel486™ and Pentium® processors

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