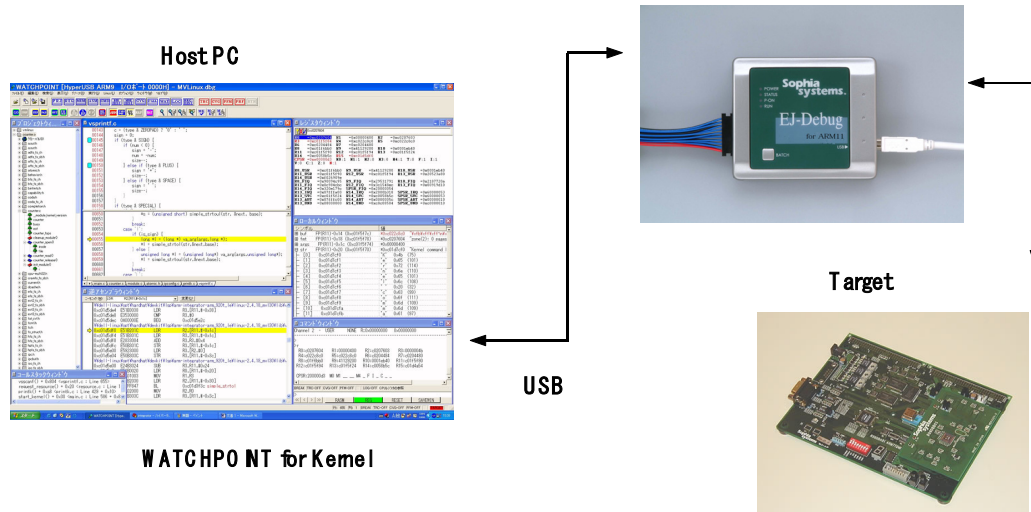




**Kernel Debugging for Symbian OS™ using Watchpoint**



**Kernel Debugging**

**Features of Kernel Debugging on Watchpoint for Symbian OS**

1.
  - High level language debugging is available with the following programs
    - Kernel device driver
    - Application which was written to ROM with kernel
  - Writing to Flash memory
  - Hardware breakpoints/software breakpoints available
  - Single Step/Pass Step
2.
  - View/modify register
  - View/modify memory
  - Variable Inspect
  - Option to display the variable value by either Watch Window or Local Window
  - Memory copy, memory fill up (in the application)

**Selection Guide**

| Supported CPU | Kernel (Loadable Module)   | Supported Compiler | OS Version  |
|---------------|----------------------------|--------------------|-------------|
| ARM series    | U48490E WP4SKL E           | GNU                | V6.1, V8.1b |
|               | U48491E WP4SKL V8.1b(RV) E | RVCT               | V8.1b       |

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