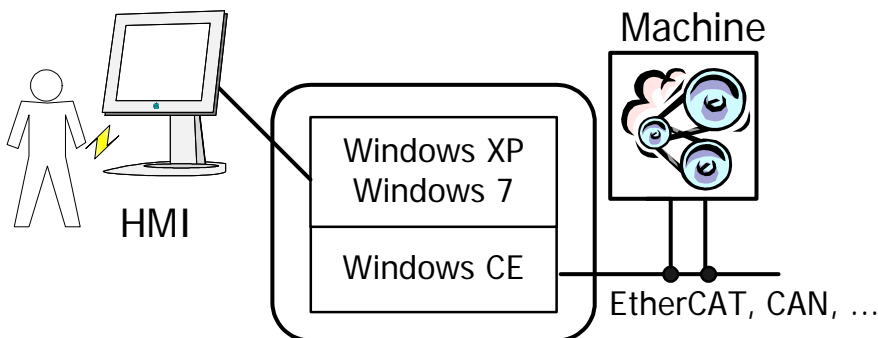
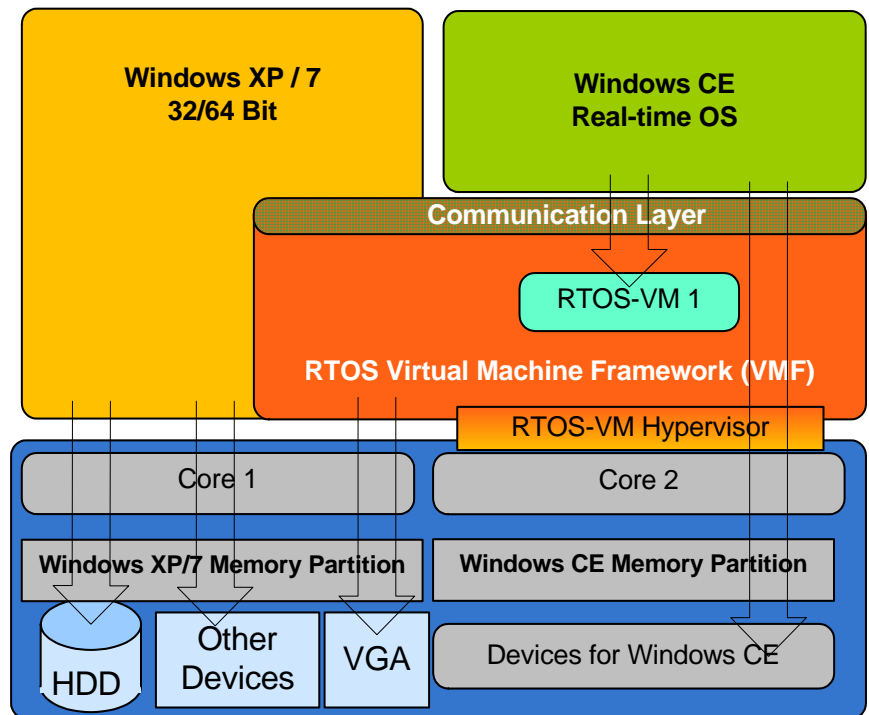


CeWin enables customers to run the Windows CE real-time operating system and Windows XP or Windows 7 on a single PC.

Windows CE is Microsoft's embedded real-time operating system. Due to its deterministic hard real-time behaviour it is used by leading manufacturers of industrial controllers. Typical applications are PLC, Motion Control and Numeric Control systems with high real-time requirements.

Using the well known Microsoft Visual Studio development environment it is possible to create both, the Windows XP or Windows 7 based GUI application as well as the Windows CE based real-time application.



Technical Features

- Support for the latest Windows versions
 - Windows XP 32 Bit
 - Windows 7 32 Bit
 - Windows 7 64 Bit
- Fast interrupt handling without any delay on multi-core systems!
- Typical worst case timer interrupt latencies are about 10 microseconds on dual core CPUs and about 40 microseconds on single core CPUs
- Windows CE continues without real-time penalty after Windows Blue-Screen occurred.
- All currently available processors are supported, either with hardware virtualization (e.g. Intel-VT, AMD-V) or without (e.g. Intel Celeron, AMD Sempron), especially also:
 - **All** Intel Atom CPUs
 - **All** AMD Fusion CPUs
- Full support for quad core (or more) CPUs: Windows 7 and/or Windows CE may utilize multiple CPU cores
- Virtual Network connection between Windows 7 and Windows CE (for application's TCP/IP communication and local debugging)
- Shared Memory, Events and Interlocked data access for high speed application level communication
- Debug Console for Windows CE Debug Messages (low level application debugging, diagnosis)
- Timer-Adjustment API for IEEE1588 and EtherCAT synchronization
- The same Windows CE application can execute on any PC hardware (AMD, Intel, single core, multi core) without recompilation
- Integrated acontis technologies' **EtherCAT Master Stack** solution available