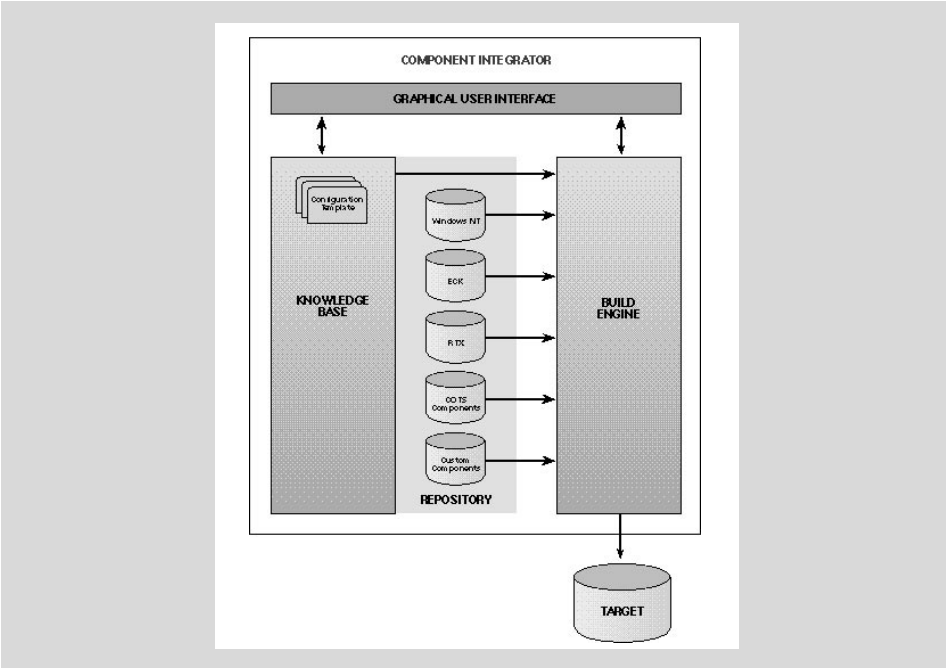
# Component Integrator 3.4 For Windows* NT

- Import Custom Applications, Commerical Off-The-Shelf (COTS) Components
- Utilize VenturCom's Embedded and Real-time Extensions
- Configure Application and NT with CI's GUI
- Build Bootable Targets on Disk or Flash Media
- Produce Installation Images for Loading Onto Targets
- Targets Loaded from Network Server or CD-ROM
- Deploy Targets on CompactPCI, VME, and PC/AT System




With Component Integrator, system developers can rapidly integrate, configure, and build Windows* NT target systems for testing and deployment.

Import software component files into the Repository and populate the Knowledge Base with the description of those components (i.e., Repository contents, register parameters, and installation instructions). Component Integrator comes with Windows NT, Embedded Component Kit, and Real-Time Extension fully integrated. Developers simply integrate all custom and COTS components.

Create or modify a Configuration Template. Configuration Templates include specifications for hardware configuration and drivers; required system services; application components; file inclusion/exclusion and parameters overrides; and target installation scenario. Predefined Configuration Templates are provided. Developers can include any Windows NT service. Help is available for driver, service, and parameter entries.

Interpret a specified Configuration Template and create a target system. Build Engine generates bootable targets directly to disk or flash, or images for network or CD-ROM installation. Software components can be pre-configured or included for set-up at a later time. Update or patch media can be created for previously installed systems.

Embedded Component Kit (ECK) consists of a suite of specialized Windows NT drivers and components essential for using Windows NT in deeply embedded systems. This kit includes Null-Display and Null-Input Support (Lights-out Operation); Small Footprint; Flash Support; and No Paging.

Real-time Extension's (RTX) Real-time Application Programming Interface (RTAPI) is accessed through a Dynamic Loadable Library (DLL), which utilizes a driver and a modified HAL to provide the real-time functions. The RTAPI works in conjunction with the full Win32 API to enable applications to directly control special-purpose devices and improve their response time. The RTAPI includes functions to access fast clocks and schedule timers; lock virtual memory; map physical memory; allocate contiguous memory; translate virtual to physical memory addresses; perform direct I/O bus reads and writes; and manage hardware interrupts.

HOST SYSTEMS SUPPORTED:
PC/104, CompactPCI, VME, and PC/AT systems using Intel 80486 or Pentium® processor with 8 MB RAM and 10 MB disk – such as a IDE Flash Memory disk

PROCESSORS SUPPORTED:
Intel486™ and Pentium® processors

DEVELOPMENT PLATFORMS:
Intel486 processor or Pentium processor based Windows NT 4.0 system with 600 MB disk and CD-ROM drive

AVAILABILITY:
Now

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