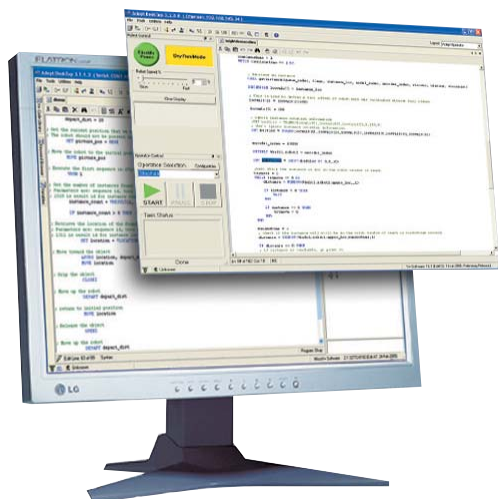


Adept DeskTop™



Adept Desktop provides a powerful PC-based development environment for Adept systems with an extensive set of tools for programming, debugging, and testing. Based on the familiar Microsoft® Visual Studio .NET environment, Adept DeskTop gives you the flexibility to customize the graphical user interface and user-access level for any given Adept robotic application.

Benefits

- Increase your robotic application development efficiency.
- From the PC, develop and test applications running on the controller.
- Leverage the Adept DeskTop environment across many Adept systems.

Features

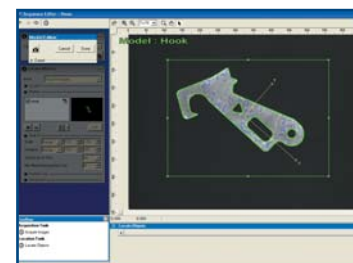
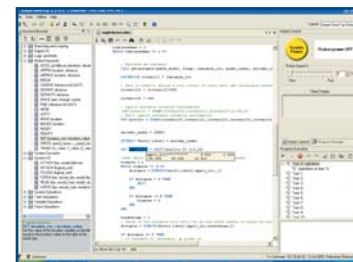
- **Access Levels**
Added security, with passwords, allows administrator to set access levels for specific tools and controls.

Editing tools

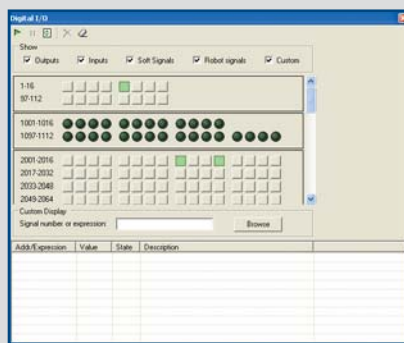
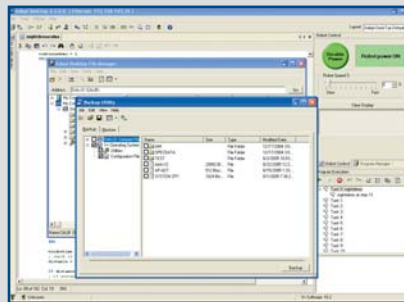
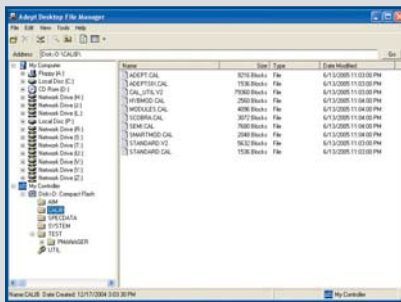
- **Code Editor** - Create, edit, and debug programs in the improved text editor with standard editing functionalities such as search-and-replace, multiple undo/redo, standard keyboard shortcuts, highlighting as well as syntax checking.
- **V+ Code Library** - Program examples help you get up and running more quickly.
- **Keyword Browser** - Allows to quickly be informed of available V+ keywords on a given controller and provides information on program instructions.
- **Integrated help**

Programming and execution tools

- **Task Manager** - Provides a simple way to assign programs to specific controller tasks.
- **Program Manager:** Windows Explorer™ based access. - Allows Windows Explorer™ based direct access to view and manage programs loaded in the controller's memory.



Adept DeskTop™



Adept DeskTop 4.0 System Requirements

Hardware

Controller	SmartController or AIB
Processor	Intel® Pentium-4 1 GHz processor or higher
Disk Space	500 MB (recommended minimum)
Memory	256 MB RAM
Monitor	SVGA resolution minimum 800x600 recommended 1024x768

Software

Operating System	Windows™ 2000, Windows XP or Windows Vista
	Microsoft .NET Framework version 1.1 or later (included with Adept DeskTop installer)
	Microsoft Internet Explorer 5.01 or later

Controller Requirements

V+ 16.2 D3 or later
Micro V+ Version 2.1A8 or later (for Cobra i-series systems)

Utilities:

- **File Manager Utility** - Provides access to files and directories located on local and remote controllers and computers.
- **Backup/Restore with added functionality** - Specify source files and target directory for backup
- **License Manager Utility** - Track, manage, and activate Adept licenses on the connected controller.
- **Monitor Terminal** - Adept Windows-like terminal

Configuration and debugging:

- **Digital I/O** - Gives the user information on I/Os used by the controller
- **Switches and Parameters** - Gives descriptions of the parameters and switches and allows the modification of their values.
- **Variable Manager** - Create and delete local, auto and global variables and assign or change their values.
- **Watch Variable Control** - Select specific variables for close monitoring

Robot operation tools:

- **Robot Control** - Allows to monitor and control power and speed and view error messages
- **Operator Control** - Allows operator to easily launch programs.
- **Virtual Jog Pendant** - Allows to move the robot from the PC in continuous or incremental modes. The Jog To mode simplifies directly moving the robot to a specified location.
- **Vision Guidance Option** - Supports Adept iSight vision guidance software for high-performance part finding and inspection.



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