

# Welcome to ACE PackXpert™



## POWERED BY ADEPT ACE

Adept ACE is a new generation of Adept software. It is the integrated development environment for Adept's entire product portfolio of robots and controls.

Built upon Adept's core strengths in motion control, vision guidance, and inspection technology, Adept ACE is designed to be fully customizable, extensible, and scalable.

ACE PackXpert, and all ACE software extensions are based upon the following core design features...

An intuitive graphical user interface

Ultimate programming flexibility

Integrated graphical diagnostic support

3-dimensional visualization

A complete and cohesive set of tools

## What do you look for in packaging automation software?

To effectively integrate and deploy a packaging line that meets a planned specification without lengthy, overly-complicated programming, the software architecture must be intuitive, complete, flexible and re-usable. The software must also be ready to handle variances in the line with limited impact to the production output.

ACE PackXpert™ is the powerful, all-in-one software solution from Adept Technology. It is the intelligent software choice designed to manage packaging systems from integration to deployment.

Built upon Adept's fully integrated application development environment, Adept ACE™, ACE PackXpert is the solution that meets the unique needs of packaging manufacturers.

## What makes ACE PackXpert different?

Out-of-the-box, ACE PackXpert has the tools and functionality needed to rapidly deploy an entire robot line from concept phase to a fully-operational system.

Choosing ACE PackXpert to manage your packaging line partners you with...

- Advanced material handling specialists
- Pioneers in motion control and vision guidance
- Innovators of seamless integration of robotic vision and conveyor tracking
- 25 years of programming expertise built into the software architecture
- Features that directly affect throughput, such as part allocation strategies for balancing product flow



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# The powerful, all-in-one software solution for rapid deployment of robotic packaging applications



## Scalable

Coordinate the efforts of an entire robot line by working across multiple controllers

## Re-Usable

Workspace elements can be used across a variety of applications, as well as saved and redeployed for later projects

## Easy to Use

Intuitive environment for better work flow organization

## Complete & Cohesive

Tools include file manager, virtual jog pendant, V+, C#, java, visual basic and C++ code editors, online documentation, robot data collection, and many others

## Ability to Customize

.Net environment enables integration into a machine-builder's user interface

## Completely Flexible

Respond quickly to part changes without lengthy reprogramming

## 3D Visualization

Visualize your system operation, including objects that are both physical (robot, belt, etc.) and conceptual (field of view, belt window, etc.)

## Adaptable to You

Leverage your own V+ knowledge, or take advantage of our 25+ years of experience available out-of-the-box

## ACE PackXpert Requirements

### System

- Adept SmartController CX
- V+ Operating System, Version 17.0 D or later

### Computer

- Microsoft Vista, Microsoft Windows® XP with Service Pack 2, Microsoft Windows® Server™ 2003 with Service Pack 1, or Microsoft Windows® 2000 with Service Pack 4
- CPU: Core2Duo 2.0GHz or better
- RAM: 2GB or more
- (if using vision) IEEE 1394 or Gigabit-Ethernet support\*

\* Adept recommends using Adept SmartVision EX

## ACE PackXpert Options

- Vision
- Additional cameras
- Additional controllers
- OPC server/additional clients
- Remote vision server (Adept SmartVision™ EX)
- Color vision



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