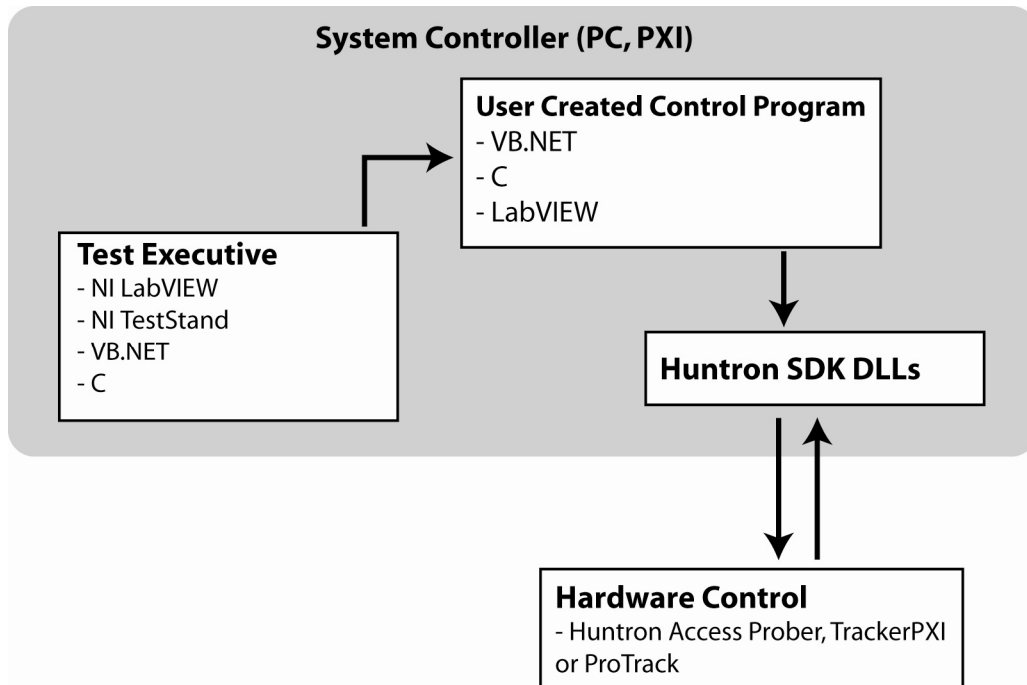


Huntron Software Development Kit (SDK)

The Huntron SDK allows creation of programs that implement control of Huntron hardware products. Using in-house programming or integration services, the SDK allows the creation of custom software systems. The SDK also allows existing programs to be modified. The SDK provides control of Huntron hardware including Trackers, Probers and Prober cameras.

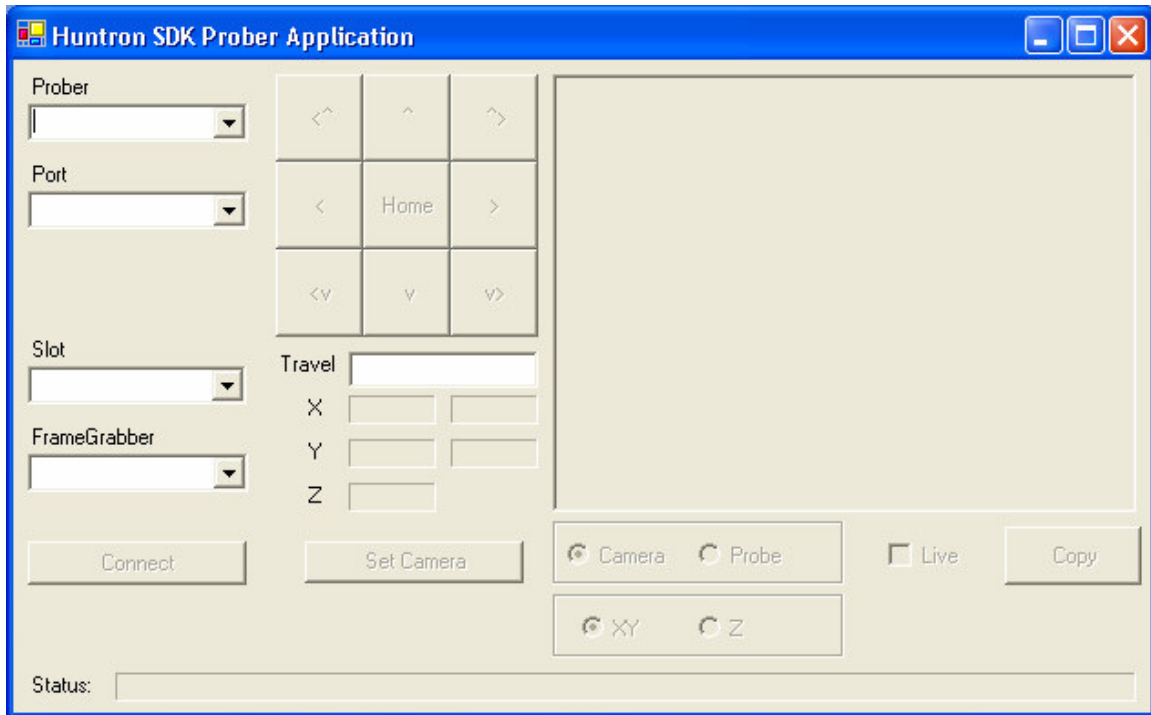
The SDK opens the door for other uses of Huntron Probers:

- Add automated guided probing to test systems (Functional, Fault Injection, etc.)
- Control the movement of the Prober to locations and capture images with the built-in camera for creating optical solutions.
- Use the probe head for pressing buttons/switches to automate testing.



The SDK includes all DLLs needed to control the hardware and sample applications in VB.NET. Also included is C wrapper class source code for using the DLLs with C. The DLLs are .NET assemblies with built-in COM interfaces. The DLLs are documented in help files with VB.NET and C# prototypes. For use with other programming languages contact Huntron.

The following are screen captures and explanations of the sample programs:



Huntron Prober and Prober Camera Sample VB.NET 2003 application

The SDK Prober implementation allows for moving the Prober in the X, Y and Z axis. The SDK Camera implementation allows for capturing and displaying images from Sensoray 611, 711 and 2250 frame grabbers. Also supported are the National Instruments 14xx series of frame grabbers. The Huntron SDK also supports the use of National Instruments Vision software for comparing images to implement an Auto Align function and other image comparison uses.

Huntron Align SDK

Original Align 1
X: 1000 Y: 1000

Original Align 2
X: 9000 Y: 9000

New Align 1
X: 2000 Y: 2000

New Align 1
X: 10000 Y: 10000

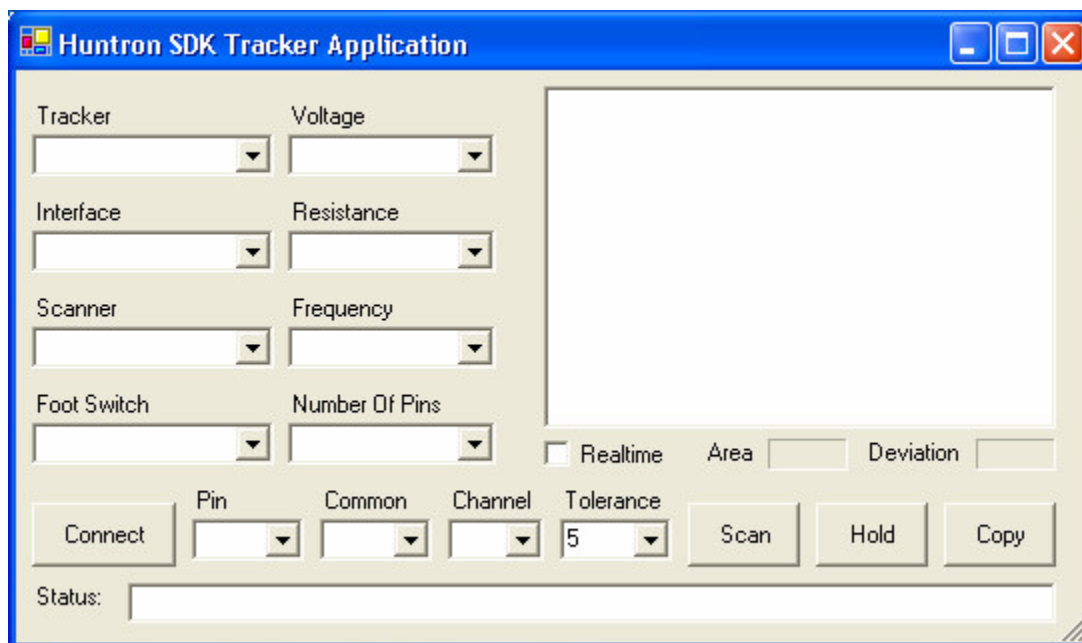
Original Test Location
X: 5000 Y: 5000

New Test Location
X: Y:

Align

Huntron Align Sample VB.NET 2003 sample application

The SDK Align Implementation allows for correct test locations based on the changes in alignment point positions.



Huntron Tracker VB.NET 2003 Sample Application

The SDK Tracker implementation allows for control of a Tracker or a Tracker and Scanner. The Tracker control consists of setting range parameters, capturing signatures and comparing signatures. The Scanner control allows for setting test and common pins.