

Professional Services

Cockpit & Dashboard **Instruments**

DiSTI's name is synonymous with virtual instrumentation development and our services organization is here to assist in the creation of instrumentation to meet your design and application objectives.



***EMPOWERING the
Human Machine Interface***

Virtual Instrumentation

DiSTI produces virtual instrumentation to meet your design specifications and application objectives. Virtual instrumentation has been used to facilitate a variety of simulation and training devices, including:

- » Rapid virtual prototypes
- » Desktop, part-task, and full mission trainers
- » Instructor operator stations
- » Repeater panels
- » Instructor training aids



DiSTI delivers pre-compiled software builds in either C++ or Java, along with an ICD, allowing the HMI content to be seamlessly integrated into your software projects. DiSTI also provides capabilities to overlay the HMI content with your OpenGL based graphics system. If you are a GL Studio customer, DiSTI delivers all related project content allowing you to continue to maintain and update the content.

DiSTI's tools and services have been utilized in the production of a variety of 2D and 3D virtual instrumentation content including:

- » Aircraft cockpit instrumentation - analog and electronic
- » Vehicle dashboards
- » Gunner stations / reticles



Success Stories

GL Studio Streamlines Nissan Control Development

By utilizing GL Studio for control panel **prototyping**, Nissan is able to virtually test radio functionality and logic systems prior to ultimate creation of radio hardware.



AAI Realizes Dynamic Training with the T-25 SECT

GL Studio was used to create the T-25 Simulator for Electronic Combat Training (SECT) as a **task training system** for the rapidly changing real-world military aviation environment, teaching air warfare and reconnaissance missions.



DiSTI Delivers Efficiency to Flight School 21

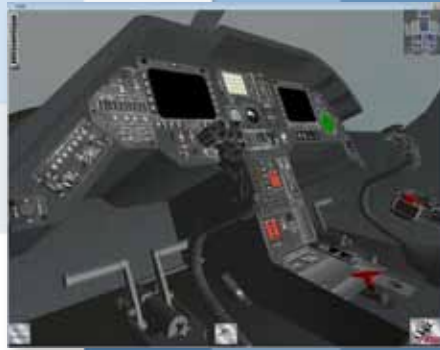
DiSTI developed three **cockpit repeaters** for the CH-47, UH-60, and OH-58 simulators utilizing a unique single screen hybrid 2D/3D control interface that transforms from 2D overview to a 3D zoomed view. The cockpits feature change highlighting and specialized graphics aids for after-action review capabilities.





Cockpit & Dashboard Instruments

DiSTI designs, develops and deploys any display interface needed to meet your project requirements and exceed your expectations.



Empowering the Human Machine Interface

DiSTI's SCEC++ Run-time Libraries
Are Compatible with Apple's iDevices



See new videos and demonstrations
at www.disticom/videos



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