

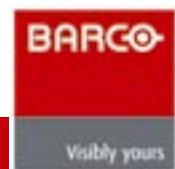
Engineering services for the Federal Aviation Administration



Comprehensive engineering services for the FAA William J. Hughes Technical Center, Atlantic City, NJ

The FAA William J. Hughes Technical Center (WJHTC) in Atlantic City, NJ, is the premier aviation research and development, and test and evaluation facility in the US. The center's programs include testing and evaluation in Air Traffic Control, communication, navigation, airports, aircraft safety, and security. Furthermore, the WJHTC is active in long-range development of innovative aviation systems and concepts, development of new Air Traffic Control equipment and software, and modification of existing systems and procedures.

In 2005, Barco was awarded a framework contract to provide the Technical Center with comprehensive engineering services for a period of five years. Building on its expertise, Barco will support the FAA in various R&D initiatives that will work with ATC applications, based on Barco's ODS TOOLBOX software. One of these is the DESIREE simulator (Distributed Environment for Simulation, Rapid Engineering and Experimentation).



Comprehensive engineering services, based on the ODS TOOLBOX

Under the contract, Barco will provide the WJHTC with comprehensive engineering services, based on the ODS TOOLBOX. The ODS TOOLBOX has been used at the center for many years for various research and development purposes, including advanced Air Traffic Management concept exploration, procedure validation, airspace redesign and testing. It has become the display software standard for several of the labs at the WJHTC.

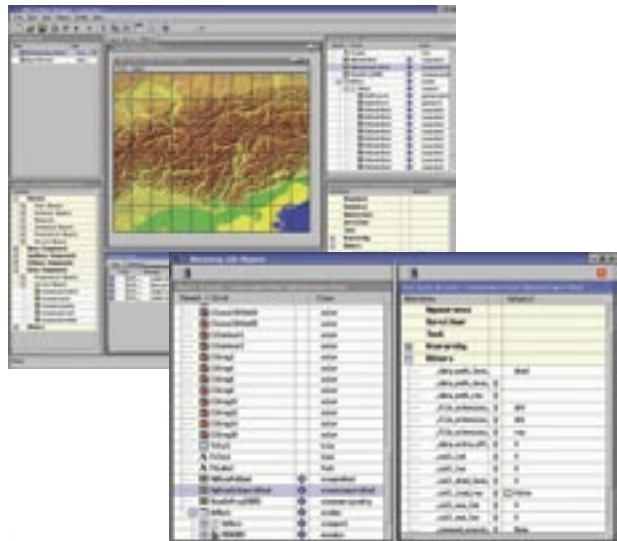
The ODS TOOLBOX provides the tools to visualize application data, process operator interactions, and exchange information with external systems. As a true application toolbox with extensible modularity, it can be used for rapid prototyping of new HMIs, for the implementation phase and for maintenance, with complete re-use of the code.

The flexible development suite enables developers at the WJHTC to concentrate on the application itself, which significantly improves productivity. The use of the ODS TOOLBOX does not require special programming skills in C/C++ or in basic graphical libraries such as OSF/Motif, the X Window System or OpenGL.

The ODS TOOLBOX runs on a wide range of standard equipment from different vendors including most UNIX and MS Windows® NT platforms. Software developed on top of the ODS TOOLBOX is portable across these platforms. This ensures a low initial investment plus a good investment protection.



William J. Hughes Technical Center, Atlantic City, NJ



The ODS TOOLBOX Designer offers an array of editors and allows for immediate execution of the user interface



The ODS TOOLBOX provides a wide range of combinable modules

Ref. T-C-WJHTC-0206 © 2006 Barco
 Technical specifications are subject to change without prior notice

Barco
 Pres. Kennedypark 35 - B-8500 Kortrijk, Belgium
 Phone: +32 56 233 960 - Fax: +32 56 233 013
 E-mail: sales.airtraffic@barco.com

Barco Orthogon GmbH
 Hastedter Osterdeich 222 - 28207 Bremen, Germany
 Phone: +49-421-20 12 20 - Fax: +49-421-20 12 29 99

BarcoView, LLC
 3059 Premiere Parkway - Duluth, Georgia, 30097-4905, USA
 Phone: +1 678 475 8000 - Fax: +1 678 475 8100
 E-mail: sales.barcoview-a@barco.com

Contact one of the above for your local sales office

