



Aerial view of Phoenix Sky Harbor International Airport



Customer Success Story

Sky Harbor International Airport Phoenix, AZ



Water Chiller Controls at Sky Harbor Airport

About Sky Harbor International Airport

Sky Harbor Airport in Phoenix, Arizona is the fifth busiest airport in the world. In 2003, Sky Harbor handled 37.4 million passengers. On an average day, more than 1,700 aircraft and 100,000 passengers arrive and depart from Sky Harbor, making this airport a world-class operation. The next time that you visit Phoenix and pass through the airport, you'll be staying cool with an HVAC system controlled by ICONICS software.

ICONICS Software Deployed

Sky Harbor International Airport selected ICONICS GENESIS32™ Web-enabled, OPC-integrated HMI/SCADA suite which, along with AlarmWorX™32 Multimedia, is used to monitor and control multiple water-chilling plants that are responsible for keep-

ing all three terminals in the Sky Harbor Airport cool. GraphWorX™32 is used to provide a rich visualization for maintenance managers and others needing access to the HVAC network. AlarmWorX32 Multimedia is used to distribute alarms and events to the appropriate people anytime, anywhere.

Key Features

This control application installed at Sky Harbor Airport is comprised of some very high-end, state-of-the-art graphics that were created with the GraphWorX32 application. The major benefits of the system are the ability to log historical data and to create custom reports with ICONICS ReportWorX™. Since ReportWorX is based on Microsoft's .NET technology, the installation and setup were very easy. ReportWorX users are able to data-mine several different data sources and create reusable reports.

The GENESIS32 system interfaces with a York OPC-based BAS system and interfaces with York's Facility Manager application. The ease of use found in the ICONICS OPC-To-The-Core™ software made this integration seamless.

Project Summary

The application's system integration was completed in only a few short months by York International. ICONICS software was selected for its ease of use, and this was experienced first hand during the implementation process. The OPC connectivity and flexibility found with creating the graphics were an enormous benefit for Sky Harbor.

