



## Quest Speeds Up Valencia Community College's Implementation of ERP System and Provides Greater Accuracy

Valencia Community College is the third largest of Florida's 28 community colleges, educating more than 50,000 students a year at four campuses and two centers in the Orlando, Florida area.

When Valencia adopted an enterprise resource planning (ERP) solution, it needed a tool to help its developers — who were skilled primarily in legacy applications — write PL/SQL code efficiently and accurately. For help, the college turned to Quest Software.

### The Challenge

Six years ago, Valencia's IT environment included a variety of custom applications and in-house scripts, and its developers mainly had experience in DBI, COBOL, and other older scripting languages. To streamline its business processes and improve efficiency, the college decided to implement an ERP solution, choosing the Banner suite from SunGard Higher Education. To implement and maintain the new Oracle-based ERP solution, Valencia's developers realized that they would need to quickly get up to speed with PL/SQL.

That's why the college sought a productivity tool that could help developers with basic and expert-level coding, as well as simulation, code validation, and tuning. "We could potentially lose tuition revenue if the system is down for an hour," explained Sam Kannamplave, Manager for Application Systems at Valencia. "It's a major impact. So it was critical that we select the right product for development and maintenance of our systems."

### The Quest Solution

Valencia did its homework, evaluating the quality of a variety of solutions on the market and researching the reputations of the companies that produce them. Quest's SQL Navigator® stood out on both fronts. Valencia's IT staff found that SQL Navigator provides an outstanding integrated environment designed especially for developers. And Valencia's CIO had confidence in Quest Software's stability based on Gartner Group research.

SQL Navigator gives developers the power to deliver higher-quality applications faster by simplifying the process of writing, editing, and maintaining database objects. It combines an easy-to-use graphical interface with powerful options that automate daily tasks. SQL Navigator not only helps with basic development and debugging, it also provides advanced drag-and-drop PL/SQL editing and SQL tuning, enabling developers to prevent performance issues that could impact end users in the production environment. SQL Navigator is a complete Oracle developer solution that significantly reduces development time and improves code quality.

### The Bottom Line

With SQL Navigator, Valencia Community College was able to rapidly implement its SunGard Banner Unified Digital Campus. And Valencia's IT staff continues to find a great deal of value in SQL Navigator six years after the purchase. "SQL Navigator has provided major cost savings in resource hours for development and maintenance of code, as well as for QA," reported Kannamplave. "Developing and sending code through QA used to take 40 hours; now it takes just 8-16 hours."

This efficiency has translated into an amazing ten-fold increase in productivity. "About four years ago, we could complete about 40 projects per month," said Kannamplave. "Now, with SQL Navigator, we can turn around close to 400 project requests a month."

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– Sam Kannamplave  
Manager for Application Systems  
Valencia Community College

## Overview

### Headquarters

Orlando, Florida

### Services

Secondary education

### Critical Needs

To enable developers to quickly learn to produce quality PL/SQL code

### Solution

SQL Navigator

### Results

- Increased developer productivity from 40 to 400 projects per month
- Reduced development and QA time by more than 50%
- Improved user satisfaction with application quality and performance

Of course, delivering code faster is a good thing only if the quality is high. Kannamplave reports that end users are happier than ever. "SQL Navigator helps the developers write accurate code," he said. "Now when we put code into production, users are significantly less likely to complain."

Kannamplave credits several key features of SQL Navigator with much of the improvement in the speed and quality of the code. "The programmers are learning a lot of good things from the Knowledge Expert feature," he reported. "And the Explain Plan feature definitely helps them find the right way of coding things. For example, JOIN statements are written more accurately, so when end users run the process, they get results in a very timely manner."

Valencia is currently upgrading to the latest version of Banner, and SQL Navigator is proving as helpful as it was in the initial implementation of the solution. "The transition to the new version of Banner has been really smooth because of SQL Navigator," reported Kannamplave. "Its user-friendly icons and help features are really helpful as the programmers upgrade our custom database objects. We can easily do a DIFF between our old and new database objects, such as the packages, procedures, and functions. And we have been able to optimize the code."

### About Valencia Community College

Valencia Community College was founded in 1967 as Valencia Junior College in Orlando, Florida. It is an innovative leader in higher education and has a national reputation for excellence in teaching. With four campuses and two centers in the Orlando area, Valencia is now the third largest of Florida's 28 community colleges, teaching more than 50,000 students a year.

Valencia was named 1998-99 National Community College of the Year by the National Alliance of Business and was chosen by Time magazine in 2001 as one of the nation's best schools at helping first-year students excel. For more information, visit [www.valenciacc.edu](http://www.valenciacc.edu).

### About Quest Software, Inc.

Quest Software, Inc., a leading enterprise systems management vendor, delivers innovative products that help organizations get more performance and productivity from their applications, databases, Windows infrastructure, and virtual environments. Quest also provides customers with client management through its ScriptLogic subsidiary and server virtualization management through its Vizioncore subsidiary. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 100,000 customers worldwide meet higher expectations for enterprise IT. Quest provides customers with client management as well as server and desktop virtualization solutions through its subsidiaries, ScriptLogic and Vizioncore. Quest's Foglight® application management solution unifies IT services with end users and the business, resolves problems faster to reduce downtime, and lowers the operating cost of managing applications. Quest Software can be found in offices around the globe and at [www.quest.com](http://www.quest.com).

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CSD-SQLNavO-Valencia-US-20090319-CW



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