



## VELA SYSTEMS

## ARQUITECTONICA

### Arquitectonica Launches Next Generation Construction Administration Services with Vela Systems

**F**or three decades, the world-renowned Miami-based international architectural firm Arquitectonica has been creating design excellence and innovation. Construction Administration (CA) Services are an integral part of the firm's commitment to total design excellence whereas it is during this phase that Arquitectonica delivers to the owner a building as designed. With a growing project load in CA, Arquitectonica was investigating how it could increase efficiency, reduce its risk profile and continue to deliver unparalleled client service. How could the firm achieve these multiple objectives? The answer was to use technology to change CA delivery.

**“With Vela Systems software, we are able to improve the efficiency of the CA process, establish documentation consistency across our many projects and offices, be more responsive to our clients, and reduce our risk profile. It has been a very worthwhile investment.”**

Sherri Gutierrez, Vice President, Arquitectonica

#### **Traditional Construction Administration is Inefficient and Hard to Monitor**

Prior to adopting Vela Systems, Arquitectonica's construction architects prepared their field notes and created punch lists in the conventional way - with pencil and paper. While making field observations at the site, the Arquitectonica construction architect would write down the observations or work that needed to be corrected or repaired. Hand-written field notes and lists were then taken to the office and typed into a word processor or spreadsheet program, printed, and distributed to the contractor and owner via fax or email. The information flow was dependent on when the notes could be entered by hand and distributed, sometimes several days later. Information had to be entered twice making the process inefficient. Monitoring the status of projects required significant effort for Arquitectonica's project managers and partners because critical information was often locked up in emails. Further, without a convenient method of sharing files, it was difficult to enforce consistent Arquitectonica standard practices across multiple projects.



**Arquitectonica used Vela Systems to complete the Wilkie D. Ferguson, Jr. United States Courthouse in Miami, Florida.**



## Vela Systems Streamlines Field and Office Processes in CA

By replacing their field notebooks with tablet PCs and Vela Systems' Field Report software module, Arquitectonica was able to save substantial time in the field and the office. According to Project Architect, Jason Tapia: "Before Vela Systems, I had to spend hours retyping field reports from my handwritten notes. Now, with Vela's Field Report module, I can log my observations electronically on the Tablet PC while I'm on the job and know that they're entered accurately - without any further retyping. To bring plans into the field, I use to have to carry the plan sets of the parts of the building I thought I'd need to review. If I didn't bring the right sets, I was out of luck. Vela's FileSync feature automatically brings my plan set from my desktop to the Tablet PC. Being able to view my files on the tablet, I can access and mark up drawings in the field electronically and then automatically share them with the team. The time savings from these two features is considerable. I also have peace of mind - I know that my non-conformances and quality issues are being logged for other project participants to review. Vela Systems helps me be more efficient and provide a higher quality of service to the client."

### Goal Accomplished: Vela Helps Arquitectonica Streamline CA Processes

In summary, Vela Systems software helped Arquitectonica achieve the following goals:

- **Save time:** Reduces time normally spent on transcription and communication of field reports and punch lists, saving 4-8 hours per week.
- **Improve service levels:** Automatic reports can be generated to clients to give them status updates.
- **Reduces risk:** Provides a secure audit trail of the progress of construction and establishes documentation consistency across projects and offices.

**"I'm always balancing how I can help make our teams more efficient while managing the load on our internal IT group. With Vela Systems it was a no-brainer. Their hosted architecture made it easy to bring on one project or many without creating large IT overhead. The teams are now asking to use more and more of Vela, so I know that it is helping to make them more efficient. I'd recommend it highly to other IT professionals."**

- Victor Rodriguez  
Vice President/Director of Information Technology  
Arquitectonica

Find out how Vela Systems can help you and your company. Contact Vela Systems today at **(888) VELASYS (835-2797)** or by email at **info@velasystems.com**. For more information, visit Vela Systems on the web at **www.velasystems.com**.



### About Vela Systems:

Vela Systems is **The Leader in Field Software for the AECO Industry™**. Vela Systems software streamlines and accelerates all field processes in construction and capital projects. By replacing their field notebooks with Vela software and Tablet PCs, Vela's customers save 5-10 hours per week per user, accelerate project delivery by two days per month, capture the true cost of quality and reduce litigation risk through standardized documentation. Industry leading architects, engineers, contractors and owners agree that Vela Systems helps them **Work Faster, Collaborate Easier, and Finish Sooner™**.

### About Arquitectonica:

Arquitectonica is a full-service architecture, interior design and planning firm that began in Miami as an experimental studio. Led by Bernardo Fort-Brescia and Laurinda Spear, the studio has evolved into a practice of over 400 professionals, combining design excellence with the efficiency of delivery and reliability of a major architectural firm. Arquitectonica is an international practice with regional offices in Miami, New York and Los Angeles, as well as Europe, Asia and Latin America.

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