



# 2009 CONSTRUCTECH VISION AWARDS



When a disaster occurs at a refinery or industrial processing facility, one of the companies that can get the call to do the rebuilding is IMTC-MEI, [www.imtc-mei.com](http://www.imtc-mei.com), Houston, Texas. IMTC-MEI is recognized by the petrochemical industry and the insurance industry as a leader in catastrophic rebuilds and capital construction program management. IMTC-MEI rebuilds the damaged parts of the facility to avoid or eliminate the possibility of future negative effects caused by natural catastrophes.

Although the company is considered one of the best in the business at doing fire rebuilds, it encountered a problem recently when dealing with backoffice and project management processes. IMTC-MEI had disparate systems for cost control, procurement, document management, and many other functions, each one disconnected from the others and that created inefficiencies. More important, this created problems in delivering timely and accurate status reports to clients. It was hard to provide dashboard reports on budget costs and completion

percentages. As IMTC-MEI's project workload increased, the need to standardize on one system became obvious.

After extensive research of more than a dozen systems—it even considered building its own—the company selected Prolog, a project management system from Meridian Systems, [www.meridiansystems.com](http://www.meridiansystems.com), Folsom, Calif., through Project 3 Technologies, [www.project3tech.com](http://www.project3tech.com), Dallas, Texas. Knowing its forte was in fire rebuilding and not software implementation, IMTC-MEI left this project to the experts at Project 3 Technologies.

IMTC-MEI also recognized the need for a third party Web hosting service so its projects, located anywhere in the world, could be accessed easily. For this they turned to ProjectXnet by The Cram Group, [www.thecramgroup.com](http://www.thecramgroup.com), New York, N.Y. The Web-based ProjectXnet Portal provides a hub for users to access all the applications they work with via any Internet connection. The portal is integrated with Web technologies to create a state-of-the-art user administration console.

The phase one implementation was completed in November 2008 and the first project using the new system was a fire rebuild project that required close cost and version control. A fire rebuild requires the ability to track the items to the lowest, most detailed level and have the capability to segregate out specific types of expenditures.

All levels of detail must be rolled up to a 10,000 foot view of the project with drill-down functions that were available in Meridian's Prolog. By using ProjectXnet, employees can access their projects from anywhere in the world. Systems must be available 24/7; there is no allowance for system failure in fire rebuilding.

Currently, IMTC-MEI is working on a catastrophic reconstruction project with a value of \$35-50 million and plans to roll out even more functionality of its system as needed. So far, the world-wide resources of IMTC-MEI are accessing the data they need, the centralized administration and standardized reporting they need, and the security they must have in this industry.

## SILVER

### FAIRMONT PACIFIC RIM/ 299 BARRARD DEVELOPMENT

**BUILDER/GC RESIDENTIAL**  
\$26 MILLION - \$100 MILLION

Established as a joint venture between Westbank Projects Corp. and Peterson Investment Group, 299 Burrard Development, [www.fairmontpacificrim.com](http://www.fairmontpacificrim.com), Vancouver, B.C., has as a primary mission to oversee construction of The Fairmont Pacific Rim multi-use project at Coal Harbor in Vancouver. The 48-storey Fairmont is scheduled to be completed this year after 40 months of construction, just in time for the 2010 Winter Olympics. The project features a five-star, 22-floor hotel with 415 rooms, and 173 residential condos on the upper 26 floors. The residential units will range from 727 to 2,700-sq.ft. A 2,700-sq.ft.-unit costs \$5.7 million (Canadian). This will be the most expensive residential address in Canada.

Working in this environment presents many challenges and 299 Burrard Development invested in the most up-to-date

technology it could find to assist in the project. The integrated software helps it to efficiently manage the scope, schedule, cost, and changes for accurate accountability and timely reporting. 299 Burrard Development wanted an integrated system complete with policies, processes, and procedures so they could complete the project on time and on budget. Features they sought included document management and control, accountability and contract management, and team collaboration among the architects, consultants, subcontractors, suppliers, and the internal team members. A centralized database with high security and the capability of generating timely, accurate, and quick reports were also considered important features.

The solution created integrates many top-level software applications and was done in a multi-phased deployment starting with the

core program, Prolog Manager from Meridian Systems, [www.meridiansystems.com](http://www.meridiansystems.com), Folsom, Calif. The group integrated Prolog with Sage Timberline Accounting, [www.sagecre.com](http://www.sagecre.com), Beaverton, Ore., with help from Sage's business partner Constructive Solutions, [www.constructivesolutions.com](http://www.constructivesolutions.com), Vancouver, B.C.; Integrator for Prolog and Timberline from Event 1 Software, [www.event1software.com](http://www.event1software.com), Vancouver, BC; Primavera Project Manager Professional from Oracle, [www.oracle.com](http://www.oracle.com), Redwood Shores, Calif.; Multi Vista Construction Documentation by Multi Vista, [www.multivista.com](http://www.multivista.com), North Vancouver, B.C.; and an online plan room.

The integration project has given the Pacific Rim Construction office a comprehensive set of tools that offers complete control over all their project activities.