

## Worley Utilizes RTP Safety System to meet a challenging project deadline

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### Overview

Worley has implemented process automation and safety instrumented systems for over two decades and has worked with many system integrators and hardware vendors. Recently Worley has started working with RTP to provide a unique solution for our customers. Worley has always provided professional services to install Process Automation and Safety instrumented systems, specifically the design engineering and project execution. Worley brings the value of their process domain expertise along with certified functional safety experts and experienced project execution professionals. With RTP's System Worley has an opportunity to provide our customers with an exceedingly fast, proven safety system at a substantially lower cost than the US market is accustomed to. The RTP system has an installed base in Nuclear, Refining & Chemicals, Oil & Gas, Power and Utilities with specific solutions for Fire & Gas, Burner Management Systems, Turbine Control, Compressor Control and Safety Shutdown Systems.

### Challenge

Worley recently had the opportunity to show case this with one of our refining customers where there was an urgent need to install 7 burner management panels to support a start-up with an extremely tight schedule constraint. The client needed BMS panels engineered, built, programmed, tested and shipped in 4 weeks. In addition, the project was looking for any way to cut cost. The client asked for an AB Control Logix PLC for each heater with redundant I/O and spare for expansion meeting a logic solver safety integrity level of SIL 2. The client became interested in receiving a quote of the RTP solution after they learned of RTP's advanced architecture, out of the box SIL ready, 10 year warranty, and unique software pricing.

### Solution

Worley engineered a solution per the request and immediately found the delivery to be greater than 12 weeks. Worley decided to provide an alternate bid that could improve the schedule and address the request to reduce cost. To do this Worley reached out to RTP to see what they could provide. RTP provided hardware that exceeded the specification and reduced the overall cost by 40% as compared to the Allen Bradley solution. In addition, Worley was able to meet the 4 week shipping requirement because of the ease of configuration and testing for the system. RTP provided training for the client and Worley on the system at no cost. This was extremely helpful in meeting the tight schedule.

### Future

Worley provides services for DCS, SIS and PLC projects as part of capital projects as well as standalone migration programs. RTP provides a product that can be utilized in many applications where we need a powerful PLC for compressor control, SIS for a piece of equipment or process or as a complete scalable SIS system for a facility. This flexibility and powerful system gives Worley options to continue to provide exceptional value to our customers.

**About Worley:** Worley delivers projects, provides expertise in engineering, procurement and construction and offers a wide range of consulting and advisory services. We cover the full lifecycle, from creating new assets to sustaining and enhancing operating assets, in the hydrocarbons, mineral, metals, chemicals and infrastructure sectors. Our resources and energy are focused on responding to and meeting the needs of our customers over the long term and thereby creating value for our shareholders. Worley is listed on the Australian Securities Exchange [ASX:WOR]. Follow us on [Facebook](#), [Twitter](#), [LinkedIn](#) and [YouTube](#)