Kaiser Permanente is making a $2 billion investment in the health, economy and well-being of the Alameda County and San Francisco East Bay community with the building of new facilities at both the San Leandro and Oakland Kaiser Permanente Medical Centers. This will result in new hospitals, expanded services and new 24-hour emergency services for the growing community.

Siemens Building Technologies is responsible for installing the automation system within these campuses and is providing a state-of-the-art system that will monitor all functions of the finished facilities' operation. Kaiser Permanente specified certain wall temperature and humidity controllers for these facilities. However, while the temperature and humidity controllers were providing a BACnet MS/TP interface, the setup was causing significant time-out errors in the Siemens control system due to the response time from the controllers. The Siemens BAS was not able to extend the time-out settings longer than 100ms and the temperature and humidity controllers could not be adjusted to provide a response in less than 100ms.

As often happens in construction operations, this problem did not appear until late in the sequence of testing. This problem had to be solved quickly. Siemens came to MSA Safety's FieldServer team to find an effective solution.

The FieldServer team worked with Siemens to test if a QuickServer could solve the problem. Richard Theron, the FieldServer Sales Manager, told them that, "the QuickServer could meet their needs by accepting the output from the temperature and humidity controllers at a time-out setting that met the needs of the controllers. And the QuickServer could be configured to provide the Siemens BAS with a response in less than the 100 ms

maximum of their system." Once the solution was tested and proven, the FieldServer team was able to deliver 34 QuickServers to the site.

The entire process, from Siemens' first contact, testing configuration, manufacturing to site delivery took only a week.

Sean Lewis, Area Technical Specialist for Siemens states, "As Siemens was under a tight time constraint, FieldServer [Support] provided a reliable solution within the time frame required."

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