Gil-Bar Industries, an integrator in New York City, was challenged by their customer, a major bank in Manhattan, to network the control and management of 14 Data Aire precision building cooling systems in conjunction with a Liebert SiteScan into a Siemens Apogee Building Management System. Gil-Bar first approached Data Aire for a solution and Data Aire directed them to Sierra Monitor. As Sierra Monitor successfully integrated Data Aire systems to several different building automation systems in the past, Sierra Monitor had experience developing Data Aire protocols for both the DAP and the DART systems. The Siemens Apogee was using Modbus RTU as an interface protocol, as was Liebert.

Since all three devices, Data Aire, Liebert and the Siemens system utilized a serial protocol it was decided that the FS-B4010 FieldServer met the application need for this job. With 10 serial ports, the FS-B4010 is designed for applications where integrating several different types of systems into a building automation system is required. Gil-Bar requested that Sierra Monitor develop the configuration file for this job. Sierra Monitor manufactured and configured an FS-B4010 with the necessary drivers then delivered it to the site.

According to Gil-Bar the installation went smoothly with minimal on-site adjustments and configuration changes. The Data Aire and Liebert cooling systems successfully interfaced to the Siemens Apogee. Gil-Bar stated that this made the integration phase of the job run very smoothly and that they will be using more FieldServers in the future to meet their customer's integration needs.