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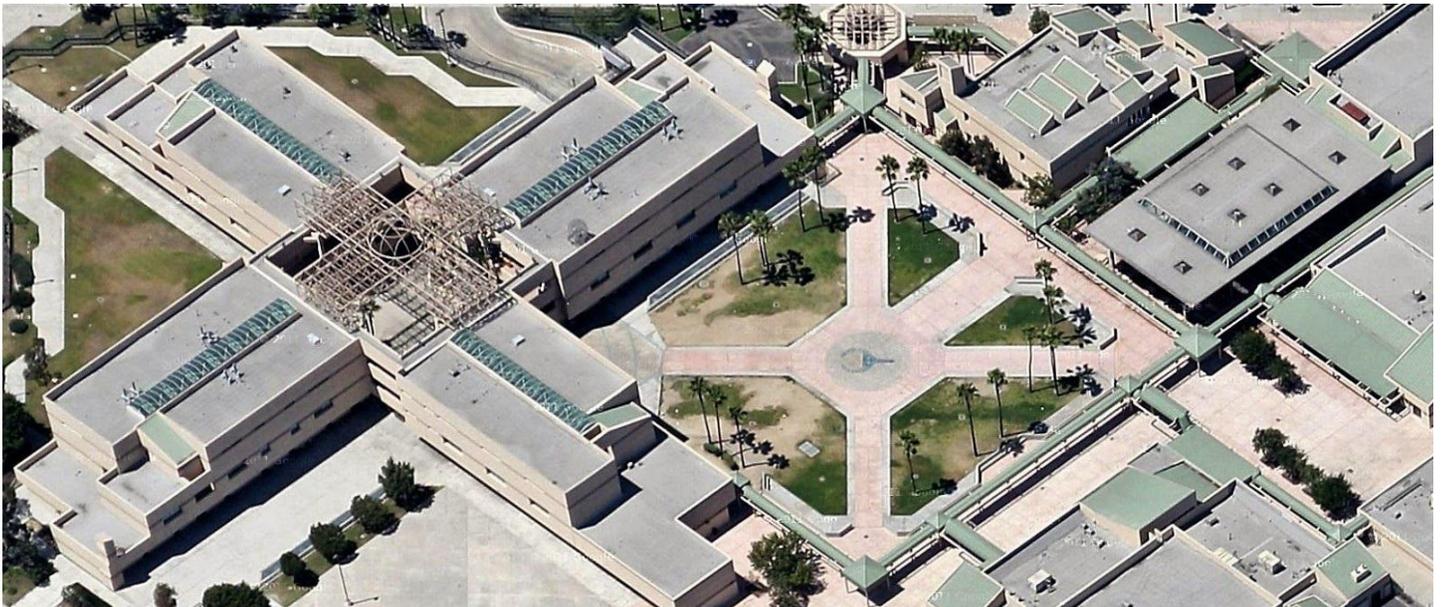
Westover Controls Corp located in Burbank, CA is coming upon the two year and ½ anniversary of the completion of a Temperature Controls project at the LA Academy for the Los Angeles Unified School District (LAUSD). The LA Academy is a Middle School with grades 6 thru 8 and has 1600 students in a large 238,000 square foot campus setting. The school was chosen for the control upgrade and energy conservation measures because it was the largest energy user per square foot among the 1200 school district. The LAUSD School District Energy Manager, who Westover has done numerous other schools with in the past, elected to use the latest product from Schneider Electric “Smartstruxure”. The new WEB based graphical software utilizes Native BACnet, Vector Graphics, and can be accessed utilizing an iPhone / iPad App. for simple commissioning, alarm response and system access. The 1600 point system controls a 93 room classroom building along with Industrial Arts, Cafeteria/Kitchen, Phys. Ed., Multi Purpose and Admin/Library building. A central plant with 750 tons of cooling was converted into a variable flow system by installing two-way fan coil valves. Besides both electrical and gas conservation special program was implemented for electrical demand limiting. The 1<sup>st</sup> year energy savings were 31% electrical savings and 27% in gas as stated by the Energy Specialist for the LAUSD.



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Westover was the successful bidder on the retrofit project that was scheduled for a 14 month duration but was completed in 6 months saving the district project administration costs. Since the school was in session, work had to start after school let out and well into the night. The schools 7 buildings are all interconnected by underground electrical vaults connecting back to the central plant. The Smart Structure front end with a workstation and report server is remotely accessed and is being used to communicate with the other Application Servers Westover installed in other schools. It also has the ability to interface with other Automation systems.