

Phoenix Arizona's New Cardinal Stadium

Phoenix is building a new Stadium called the Cardinal Stadium and is the final stages of being completed. It looks like a large UFO sitting out in the desert on the far west side of Phoenix. It incorporates many new technological features as expected with a new facility. Climatec, a building controls contractor in Phoenix, has the control contract and is installing a LonWorks based control system using the TAC line of HVAC control products and Loytec networking products.



The backbone of the controls network is based on a EIA-852 LonWorks Ethernet infrastructure using Loytec's LIP family of Ethernet to FT10 (EIA-709.1) routers insuring a high speed backbone of the control information from the central command control room. Loytec introduced its new LIP-33 last year, which offers one Ethernet port on the upside and two FT10 ports on the downside, rendering a more cost effective LonWorks infrastructure. The entire stadium has 9 LIP-3 single channel routers and 8 LIP-33 multi channel routers connecting the chiller, air handlers, and compressors.

