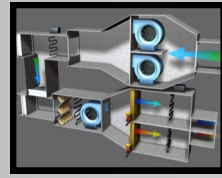




Security



Fire Alarm



HVAC

UTAH STATE PRISON

DRAPER, UTAH, USA

The Utah State Prison in Draper Utah houses a maximum of 4,300 inmates in a sprawling complex of 112 buildings.



It is a complex task to manage a population of individuals who have been convicted of a wide variety of crimes. An increase in gang populations with retaliatory tendencies has challenged the security in our prisons.

Doing more with less is a reality for the Utah Department of Corrections along with its sister agencies throughout the country. The challenge of a higher inmate to staff ratio and an increasingly violent population has become both a science and an art to manage.

The Uinta-3 prison facility houses some of the worst inmates in the system. Moving prisoners became a problem when the old PLC's that run the locking control system started to fail.

In 2005, the Depart. of Corrections contracted with UtahControls to upgrade the existing PLC's with new state of the Series-6 PLC's from General Electric.

With the prison bursting at the seams with inmates, it was impossible to shut down this vitally important housing unit to upgrade the system.

Utah-Yamas Controls designed a phased approach to upgrade the entire facility one section at a time. This was not an easy feat considering how the old system was wired with inputs and outputs residing in separate panels. Each section was down for less than 7-days.

The phased approach allowed prison staff to manually run one section at a time while all of the other sections were still electronically controlled. This greatly cut down on prisoner contact, therefore increasing the safety factor for the guards and greatly reduced the amount of overtime required by prison staff.

For more information. Please contact your Utah-Yamas Controls Sales Representative.

SCADA LOCKING CONTROL SYSTEM

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