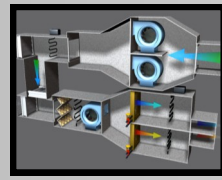




Security



Fire Alarm

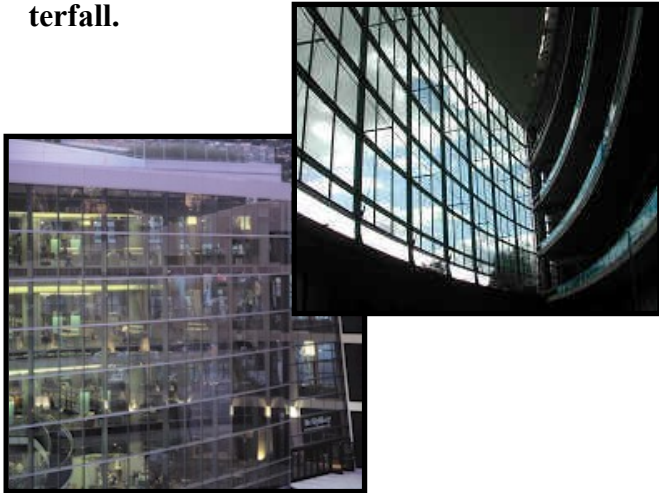


HVAC

SALT LAKE CITY LIBRARY

SALT LAKE CITY, UTAH, USA

The new Salt Lake Library has been recognized as one of the premier projects in Utah and has received numerous architectural and design awards. Some of the features include 80ft glass walls, sky bridges that connect the three structures and a reflecting pool with waterfall.



The SLC Library is an amazing site and Utah-Yamas Controls is proud to have been chosen as the integrator to supply environmental and security systems as a complete integrated Building Management System (BMS). The BMS is one of the best examples of a truly integrated and open LonWorks protocol (non-proprietary) control systems currently implemented.

The BMS seamlessly integrates the HVAC Control, Access Control, Burglar Alarm, Duress/Panic Stations, CCTV, Smoke Evacuation, and Code Blue Emergency Call Stations and many other sub systems into a central workstation. The complete system can also be accessed via any internet web browser.

One of the unique challenges of this project was integrating third party equipment and devices being supplied by other trades and contractors that were crucial to the overall performance of the BMS.

Several manufacturers of variable speed drives, Trane chillers, Onicon BTU/Flow meters, GE lighting control system and various other sub systems required complex integration technologies including LonWorks, BacNet and ModBus to be utilized to complete the seamless integration.

The facility utilizes a TAC INET smoke evacuation UL864 rated management system that incorporates a fire firefighters control center that works though the BMS to pressurize selective areas to contain isolated smoke and keep it from spreading.

The complete security system is also integrated into the BMS and consists of a TAC INET Access Control System that includes 38 doors of access control and over 36 CCTV cameras all being digitally recorded. Also integrated in the security system are 23 Code Blue Emergency Stations and duress panic stations throughout the complex.

This facility is truly in a class of its own with all of the buildings sub controls systems integrated and work together as one seamless system.

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

**PUBLIC LIBRARY
INTEGRATED SYSTEM**

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