

Service Case Study

WHO IS ASI CONTROLS

SPRING 2012

“The Best Kept Secret in the Controls Business”

ASI controls began as the first terminal unit controls used by Johnson Controls, and Trane. When you bought a Johnson Controls VAV (Variable Air Volume) Box

controller what you were actually buying was an ASI controller. These were the first controls of their kind. Prior to ASI's technology if the supervisory controller failed to send a signal due to a wire being cut or head-end failure, the actual functionality of the system would be cut off and the equipment could not provide comfort. With ASI's terminal unit controls, the units would continue to operate “stand alone” with no

additional input. For that reason controls vendors purchased this cutting edge technology and put their brand name sticker on the outside. Ever since the beginning, terminal unit control sequences have been mimicked by competitors. ASI was the first.

Today ASI continues to innovate. Providing functionality in one controller box when competitors need two or three controllers to accomplish the same task. Additionally, ASI has teamed up with Tridium Controls now allowing a cost effective method to tie into brand name proprietary control systems.



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Dual Temp is a controls company too?

Yes, Dual Temp's first controls installation job was 20 years ago. We have a team of experienced programmers and unlike the big name controls companies that say they are the highest quality, then sub out the electrical wiring to the cheapest electricians they can find, we have our own in-house master electricians. We are a mechanical contractor and do the wiring ourselves. We are onsite when the job needs to

be done, not when it is convenient to us. And we are there to support the building owner after the job is complete. Our in-house CAD department can provide cutting edge 3D equipment graphics and floor plans. Our controls department can make your building accessible from any Android phone or touch screen tablet computer. In addition we have an in-house Certified Energy Manager able to provide project payback calculations.



on your
DUAL  **TEMP**
team

Who Uses ASI Controls?

ASI controls are used worldwide from Taipei where they are the chosen controls in the “Number One Digital City in Asia” to small applications used to cool and monitor remote cell phone towers.

Chosen for its flexibility, ASI was installed in the first LEED certified Platinum School. The school’s control system automatically interacts with weather station data. Programming allows when the conditions are right, to automatically deploy fog capturing nets for reclaimed water use, in and around the building.

ASI controls are recognized by Hilton Hotels. They are specified and installed in Hilton’s flagship locations in New York, Chicago, and San Francisco. The Armed Services utilize ASI’s networking ability across a large Air Force Base in Washington. The system installed in McChord Air Force Base covers 45 buildings.

All buildings are networked together so one user can control any building



Nankang Software Park, Taipei

from any place on the network.

The Federal Building in Honolulu, HI was retrofitted with ASI controls. The project saves \$200,000 per year in energy savings. The facility is over 2,000,000 ft² and is more efficient than 99% of all commercial buildings.



Federal Building, HI. Saving \$200,000 per Year in Electricity

Many awards have been won by innovative contractors using ASI products. This can be attributed to the customizable and affordable nature of the ASI product line. The PeachTree Tower in Atlanta, GA was awarded the BOMA building of the year award. The facility upgrade consists of 1,500 VAV boxes serving 1,200,000 ft² of high rise office space.



Chartwell School, Seaside CA. Net-Zero Energy Use.

“So let me get this straight, this company invented the VAV controller as we know it today? YES!”

What Makes ASI Controls Better?

ASI controls offer an affordable, dependable, and customizable controls option. In instances where competitors need to use two or three controllers to accomplish the end goal, ASI only needs one. Additionally ASI is almost infinitely expandable, which is why it was chosen for



the number one digital city in Taipei. Every controller ever made is backwards compatible all the way back to the company’s beginning. No other established controls company can say that. ASI is perfect for custom applications and design build. ASI is the chosen factory controller for global chiller manufacturers and also used in every Cirque De Soleil production for its dependability. It is the cheapest option for controlling, monitoring, and calling home in an emergency at remote cell phone towers.

They’re located in over 2,500 of them. We are eager to help in any way. Please contact Tom Byrnes, Director of Sales at (610) 791-9100 x 213 for more details.

