



Putting SMART into the Smart Financial Centre



Integrated Open Control System: Smart Financial Centre

Precise open control system for new, state-of-the-art entertainment venue.

The Challenge

When the City of Sugar Land announced plans to build a world-class, \$84 million entertainment venue, they pledged to utilize state-of-the-art technology. Their goal? Provide the best experience for the fans and the artists. This meant delivering quiet, controlled air flow specific to each performer's needs – a tall task given those entertainers ranged from comedian Jerry Seinfeld to Latin rapper Bad Bunny and Don Henley (who didn't want airflow on stage during his performance).

To add to the complexity, the large, open venue was designed with moving walls to accommodate different sized audiences at the push of a button.

The Solution

Convergentz delivered and integrated all of the facility's building systems; including HVAC, hot water, facility lighting, air, CO₂, fire and smoke control (working with the MEP) and building pressure, all while utilizing the Niagara Tridium J6 AX Platform.

HVAC installation included Trane Controls, Trane Panels and Trane Air-Cooled chillers.

The Results

Despite numerous project scope changes and construction delays, the Convergentz team was able to deliver the actualized system in time for the facility's January 2017 grand opening featuring comedian Jerry Seinfeld.

In its first year, the venue hosted 131 shows, including 45 concerts. Whereas the expectations were to sell 250,000 tickets by year five; they sold 326,000 in their first year, making Smart Financial Centre the twelfth best-selling theater in the world in 2017.

One thing that sets Smart Financial Centre apart from other entertainment venues is its ability to host a broad range of acts, made possible by the versatility of the building, supported by their integrated open control system. The facility's operator is very pleased with the system – happy with its ease of use and graphical front end.



"In working with Convergentz regarding systems integrated at Smart Financial Centre, we have had great success and ease of operations with these systems. Smart Financial Centre's operations staff have the ability to control, monitor, and adjust as needed. With the ability to remotely access in a wireless world, this system has proven to be extremely efficient and user friendly. Our ability to link to all mechanical systems and controls prove invaluable when time is a factor for events and immediate requirements. As an event facility, touring guests and patrons require immediate response for their comfort. Convergentz has been extremely supportive and provides an outstanding service response."

-Greg Poole, Smart Financial Centre, Director of Operations



About Convergentz

As a technology leader and master systems integrator, Convergentz integrates IT and traditional building system functions to improve Building Performance, Environmental Comfort and Energy Efficiency. Working with owners and designers, Convergentz helps implement proven technologies and helps guide the integration process while ensuring simplicity of use and operational value for the owner or their agent. Being the trusted, reliable choice for advanced building automation (BIA) integration and connected real estate solutions is our mission and the reason that Convergentz continues to be recognized as an industry leader.

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