

# Frost Bank IT Headquarters Building

San Antonio, Texas

2014-2015

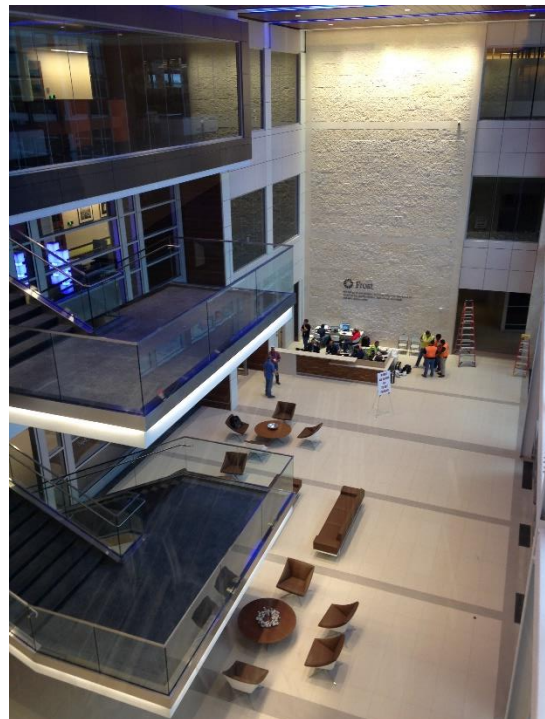
## Project Description

This new five-story, 600,000ft<sup>2</sup> Class A office building was newly constructed in 2015 and is the new Information Technology, financial services, and call center headquarters for Frost Bank. The building includes numerous high-technology training and conference rooms, operations and call centers, office space, sub-level electrical and mechanical utility spaces, adjoined 170 space open parking garage and a three-story atrium. The atrium is open and atmospherically connected to Levels 1 and 2, but separated by one-hour rated construction on Level 3.



## FPCG Project Duties

All smoke control systems requires Commissioning Special Inspections to be performed by a third party agency for final approval. The Special Inspector must be an expert in fire protection engineering as well as test and balance functions. FPCG performed the commissioning duties required for compliance with the International Building Code for Special Inspections with included design submittal review for constructability and maintainability, preparation of the Commissioning Plan and Functional Performance Test and Required Documents and Equipment Checklists, and working with a local T&B firm, witnessed all testing required to be certified by the Special Inspector. Testing included duct leakage testing, airflow volume and velocity testing, readings of voltage, amperage, and RPM of all fans, as well as functional testing of all fire alarm initiating devices and the required manual and automatic sequence of operations. Due to FPCG's experience with these systems (both design and commissioning) our team was able to identify several key components that were not included in the system's design and specification early on in the project during the Commissioning Red-zone Meetings. FPCG organized and facilitated bi-weekly meetings with the OAC team to work through all design and installation issues until all items had been resolved. This process allowed the system to be installed, tested, and accepted on-schedule, thereby allowing the Owner to occupy the facility when needed. Mr. Gilead Ziemba, P.E. performed the duties of Fire Commissioning Agent/Special Inspector for this system.



**Project Delivery Method:** Design-Bid-Build

**Project Final Cost:** \$150,000,000

**Key Team Members:** Gary Miller, Branch Manager – Engineered Air Balance, (210) 736-9494