



Mission Critical

Kirksey
ARCHITECTURE

We're Kirksey Mission Critical.



Kirksey's Science & Technology Team consistently delivers efficient, high quality, high performance facilities. Our Mission Critical practice is focused on providing a wide range of project types centered around all mission critical aspects for a diversity of Owners and Operators.

Kirksey has a reputation for delivering Mission Critical Projects under a "Technology+People = Architectural Solution" strategy – meaning our design solution is a response to the unique and complex requirements Mission Critical projects entail. Whether we are taking the lead position in designing a highly branded co-location data center

or working under an Engineering lead on a fast past-paced Enterprise solution, our experience and flexibility adds value to the project team, and emphasizes the importance of coordinating and documenting aspects of the project traditionally thought to be outside of the architectural purview. Our Mission Critical practice also includes vast experience with Operation Centers, Control Rooms, and call centers such as 911 response centers.

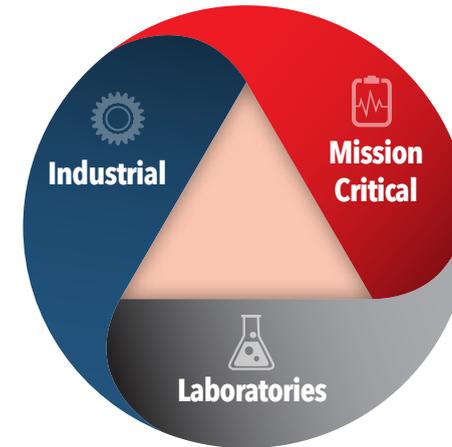


ARCHITECTURE / INTERIOR DESIGN / MASTER PLANNING / ECOSERVICES

Commercial. Community. Collegiate. pK-12. Government. Healthcare. Hospitality. Religious.

Renovation. Residential. **Science & Technology.**

Kirksey Science & Technology



Kirksey's Science & Technology Team was formally created in 2007 to address the growing demands of three specific markets: Mission Critical, Laboratory and Research & Development, and Industrial. These facilities often require robust coordination efforts across all engineering disciplines. Our team provides innovative solutions, complementing the complexities of each discipline, and simplifying the design and construction process. We value our clients' business goals and functional requirements and develop need-based solutions for complex projects. **We are committed to understanding and enhancing the science and technology that drives our clients' success.**

MISSION CRITICAL PROJECT TYPES & EXPERIENCE

DATA CENTERS

REAL TIME OPERATING CENTERS

CONTROL ROOMS

911 CALL CENTERS

PUBLIC SAFETY FACILITIES

CRITICAL INFRASTRUCTURE

CRITICAL FACILITY & SUPPORT

HARDENED STRUCTURES

PLANT SITE SUPPORT FACILITIES

Data Centers & Mission Critical Client List

DATA CENTERS

CyrusOne West Campus Expansion
CyrusOne Galleria Renovations
Wind Data Center Complex
Baryonyx Texas Data Center
Sustainable Data Center Concept Study, Confidential
Amegy Bank Operations Centers (multiple locations)
SUEZ (formerly Tractebel)
JPMorganChase Bank
Navigant International
Harris County Appraisal District
Memorial Hermann Healthcare Systems
UNOCAL
SYSCO
Baker Hughes Training and Data Center
Boeing Aerospace FEPC
Universal Weather & Aviation, Inc.
Baylor Clinic (formerly St. Luke's) 6220 Main Office Building & Garage
US Interactive
Precash
Member Works
University of Texas
Huntsman Chemical Corporation
BBVA (Bancomer)
United States Coast Guard
NATCO
WorleyParsons
Friedkin Companies Campus

MISSION CRITICAL

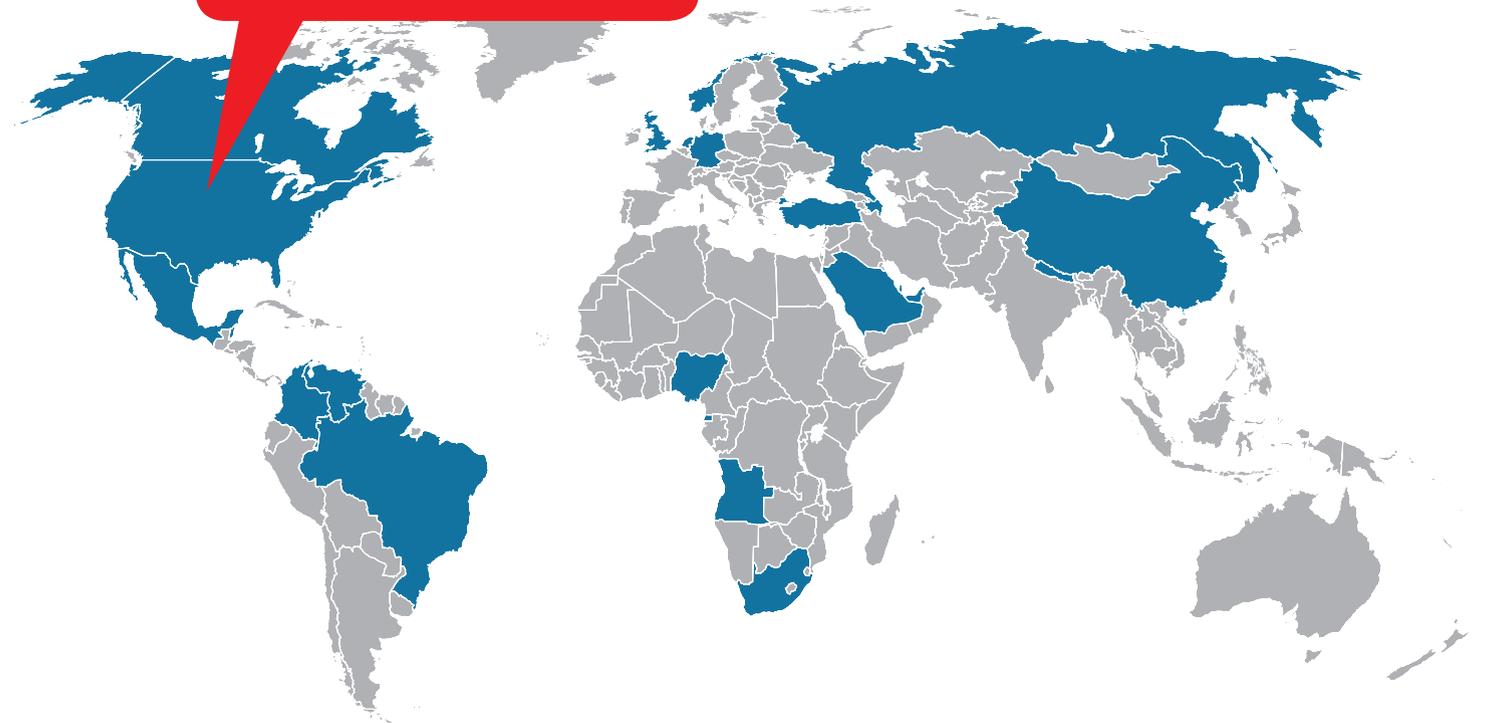
NRG Critical Asset Center
Cyziv RTOCs
Halliburton Digital Asset Center
Amegy Operations Center
Shell Woodcreek Real Time Operations Center
Vopak
Sperry Remote Operating Center
Schlumberger Dairy Ashford RTOC
Sperry Remote Operating Center (Saudi Arabia)
Shell Real Time Operating Center (Sakhalin)
Shell Nigeria Real Time Operating Center
Port of Houston
Sperry Halliburton RTO
Chevron Nigeria Operations Center
Kirby Marine
TPAO Visualization Center
Sonangol VIS Center
MMS VIZ Center New Orleans
INTEQ Emergency Preparedness Center
HCHD N+1 Electrical and Generator Upgrades
MEMC Control Room and Hardening
Targa, Schematic Control Room

We practice at a global scale.

Kirksey has completed projects in 25 countries:

Angola, Azerbaijan, Belize, Brazil, Canada, China, Columbia, England, Equatorial Guinea, Germany, Mexico, Nigeria, Nepal, The Netherlands, Norway, Qatar, Russia, Saudi Arabia, Scotland, South Africa, Sudan, Trinidad, Turkey, United Arab Emirates, United States and Venezuela.

Kirksey maintains registrations in the following
U.S. States: AL, AZ, CO, FL, GA, IL, KS, LA, MA, MI, MT,
NC, ND, NJ, NM, NV, OK, OR, PA, SC, TX, UT, VA, WY

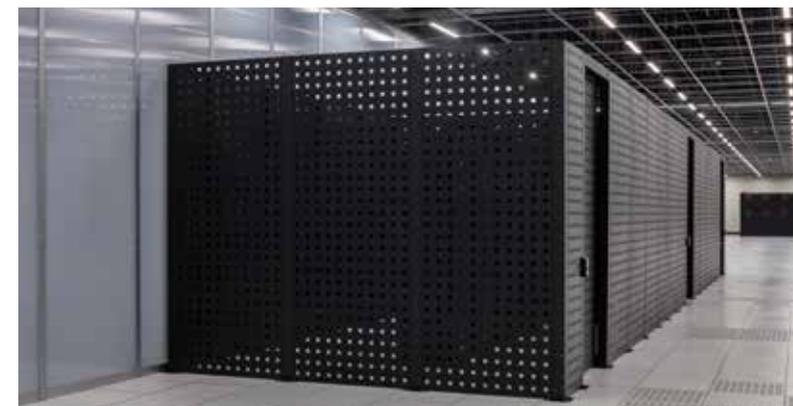


We design world-class facilities.



CyrusOne Houston West Building III
- tour route overlook

CyrusOne's Houston West Building III data center is located 20 minutes west of downtown Houston and is strategically positioned with access to significant and redundant utility power feeds, and access through a major fiber corridor to one of the fastest and most reliable telecommunications networks in Houston. Phase 1 of the Houston West Building III is 320,000 SF and built for 48MW of critical power.



Massively Modular®

Kirksey designed this facility to incorporate CyrusOne's patented Massively Modular® scheme. The Massively Modular® design approach enables CyrusOne to commission large data center facilities in approximately 12-16 weeks, which is virtually an industry record. The architectural layout supports aggressive sourcing to enable a speedy commissioning of the site, which in turn enables CyrusOne to deliver inventory on a just-in-time basis.

Customized Design Details

◀ For CyrusOne, Kirksey designed a customized modular wall system not currently available on the construction market. This approach will increase flexibility and modularity of the wall separating critical white space and the mechanical gallery.

Geophysical Center of Excellence for Seismic Exploration Computing

The Houston West Building III project site represents the largest and first digital energy campus for the oil and gas industry in Houston and a geophysical center of excellence for seismic exploration computing.

The campus will create an ecosystem to help facilitate the generation, analysis, and sharing of all the geophysical data required by the largest oil and gas companies in the world. The full build out will have a 640,000 square foot footprint with the ability to hold up to 96MW of critical power. Combined with the other two buildings on the West Houston campus, this brings the total to more than 1,000,000 sq ft of data center space.



Data Centers





Harris County 911 Call Center

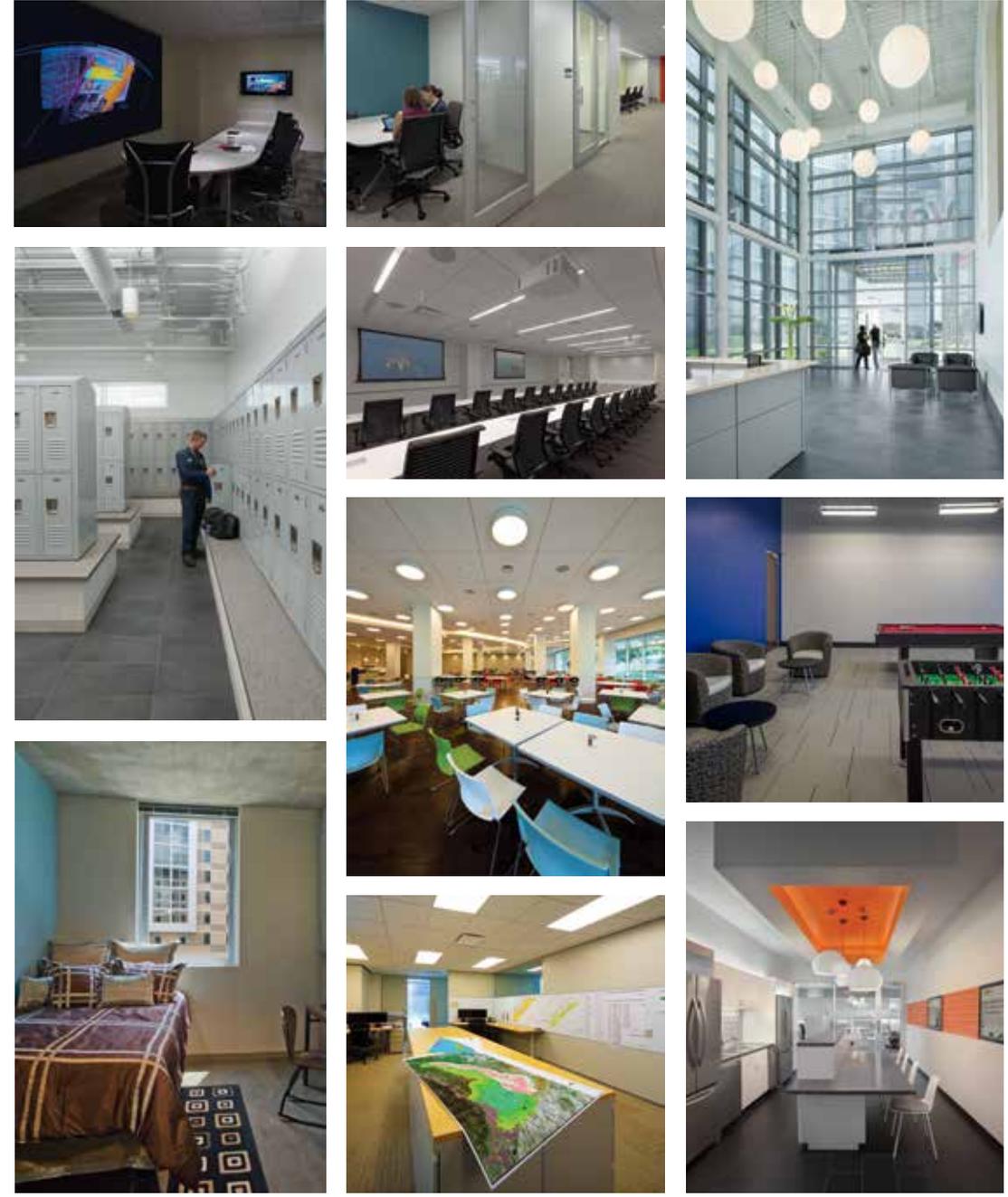
Control Rooms, RTOCs & Call Centers





We plan custom support spaces.

Kirksey designs mission critical facilities that require a variety of spaces to support primary operations. These support spaces include: **break areas, locker rooms, central control rooms, network operations centers, tornado/hurricane safe rooms, lobbies, meeting rooms, living areas, dispatch spaces, burn-in rooms, and equipment rooms.**



There are hundreds of support functions that can be included in a mission critical project, and our goal is to seamlessly integrate each one into an efficient architectural solution. Successful integration requires coordination and a comprehensive understanding of project requirements and goals.



Houston + Austin

6909 Portwest Drive
Houston Texas 77024

1701 Directors Blvd, Suite 250
Austin Texas 78744

Kirksey.com

TX Registered Architect #5236

Contact **Brian Richard**, AIA, NCARB
Brianr@kirksey.com | **713 426 7497**

