AEC Industry Mapping & Inspections

Data Acquisition, Attribution Management, Monitoring

Progress Reporting- Infrastructure Development /Maintenance

Industrial Construction, Tower Utilities, Oil/Gas Pipeline
ConnexiCore™ is a multi-faceted UAV Flight Services and consulting firm specializing in commercial, industrial, and institutional drone mapping & surveying applications. We routinely perform these services via our nationwide (FAA) licensed network of pilot partners for AEC, Utilities and Energy, and Industrial companies. With over 20 years of industry experience, ConnexiCore is involved in several inter-related aspects of drone management and the systems to support business workflow. We’ve quickly become one of the most recognized, full-scale drone solution providers because of the care we take in overseeing our client’s requirements from an abstract idea, to a concrete solution.

Our executive, engineering and creative teams immerse themselves in partnering with industry leaders and often will incorporate their innovative products and concepts into our work-flow.

ConnexiCore is committed to partnering with companies through innovation, advancing groundbreaking information technologies and creating synergies that enable customers to take advantage of its entire geospatial and industrial service offering.

“Innovation distinguishes between a Leader and a Follower” ~ Steve Jobs
INDUSTRIES

ARCHITECTURAL ENGINEERING & CONSTRUCTION-
ConnexiCore drone services provide many benefits for the AEC industry and we have experienced much commercial success with UAV practice in construction. Construction projects have historically been complex, time-consuming, and resource-intensive. That’s why many builders are partnering with ConnexiCore to address some of these industry challenges. ConnexiCore recognized several key benefits to deploy our UAV flight services on your next construction project. For pre-construction surveying, construction progress, or maintenance, drone-enabled photogrammetry is a simple alternate solution. It is less cumbersome and more accurate than traditional aerial methods such as helicopters or satellites. From line-of-sight visualization to planning and consultation, ConnexiCore is a natural fit for many of the required tasks on a construction site. We can schedule and collect data more often, which means your site information is more accurate and timely.

RAILWAY SYSTEMS-
The United States freight railroads are exploring the use of unmanned aerial vehicles for a variety of duties in an effort to further enhance safety on the ground. As UAV specialists in the industrial marketplace ConnexiCore is used to looking at the world from above. For railway infrastructure, ConnexiCore will monitor railway projects, aid in crowd management and oversee maintenance work across multiple zones. UAV mission support can be deployed to undertake monitoring activities of relief and rescue operation, project monitoring, progress of important works, conditions of track and inspection related activities. As regulatory and operational hurdles to flying drones are overcome, railroads across the United States are making plans to enhance safety programs with these modern eyes in the sky.

TOWER INFRASTRUCTURES-
Telecommunication companies with cellular and transmission towers, cities with water supply towers, and other industries that use towers as part of their daily operations require regularly scheduled maintenance, and before the maintenance can be done, a preliminary site surveys are essential to determine where to work. The tower industry is steadily embracing the concept of these site surveys being conducted via drone being to determine what maintenance is needed are. ConnexiCore is experienced in this industry and has developed efficient work-flow processes to manage and track tower assets.

OIL & GAS PIPELINE-
ConnexiCore understands the use of (UAV’s) in the Oil and Gas Industry has proven to be invaluable to stakeholders. Beneficial in upstream systems, midstream infrastructure and downstream facilities, our UAV’s armed with thermal imaging or optical gas imaging can quickly and safely locate problem spots or inefficiencies. High resolution images and video of plants, platforms and pipelines can be collected quickly. Key benefits include; safer and faster inspections, enhanced leak detection, eliminating the use of cranes, scaffolding, helicopters, and minimizing maintenance windows by avoiding the need for shutting down equipment during routine facility inspections.
PARTNERSHIPS

STRATEGIC SOLUTIONS TAILORED

As enterprise technology continues to evolve, globalize and increasingly interconnect, the need for experienced, trusted, and industry partnerships has never been greater. In partnership with 360 Ecosystem Solutions, and Symmetrix, ConnexiCore is strategically positioned to deliver more than just data.

Businesses are increasingly looking to take analytics out of the office. We help company leaders, who are too busy fulfilling day-to-day business needs, to strategize, plan, create, and implement true business solutions that have bottom line impact. We deliver data acquisition and management solutions with a wealth of experience backed by powerful private and public cloud based machine-to-machine and IOT which are required to succeed in today’s environment.

Business applications can be very complex and difficult to manage effectively. ConnexiCore’s partnership with 360 Ecosystem Solutions and Symmetrix is key to connecting all the dots by helping companies achieve strategic business goals and objectives by aligning IT initiatives to produce real and measurable business value. This approach to technology management provides real-time visibility into your key technology and business metrics that impact your ability to make timely business decisions. Our ability to manage the application layer provides you true performance indication of all other infrastructure layers. This deep visibility into the operation of all your applications validates these processes and allows you to quickly pinpoint any underlying defects for root cause analysis of IT issues. Our goal is total visibility and management of critical business applications on a 24x7x365 basis.
ConnexiCore is focused on the AEC/EPC market segment bringing next generation TCO management to companies and customers. Delivering new data modeling along to the industrial industry using spatial ontology mapping and decision support. We believe that the acquisition of information via 3D methods will continue to revolutionize the market.
Building and construction site aerial drone inspections can be a simple one-time aerial image or multiple images over a specific period of time where aerial site data is collected at pre-determined intervals or specific project milestones. This data capture requires no direct interaction with the site allowing work to continue undisturbed.

ConnexiCore packs a big value in the AEC industry by focusing on project specific deliverables by helping project managers, superintendents, field engineers, and VDC teams build instant ROI with high quality jobsite-ready maps and models. Time and again, we have worked with large construction firms across the country to help them save money, reduce downtime, and improve safety on construction projects.
Utilities, Telecommunications, and Energy inspections are complex. Tower and pipeline climbing is one of the most dangerous jobs and operators can avoid risks, save time, and produce more accurate data using drones. ConnexiCore is changing the way operators are auditing and inspecting infrastructure by enabling a safer collection of high-resolution imagery and video of structures and assets. ConnexiCore used for tower and pipeline inspections also allow operators to quickly identify and verify equipment specifications and damage.