

Mapping the world
inside and out



Land Surveying /
Geospatial Services

Wide ranging and specialized geospatial surveying and mapping expertise has made Cardno an industry leader.



Surveying and mapping is a highly technical, multi-disciplined industry that continually advances. Combining practical experience with comprehensive knowledge of changing technological trends and jurisdictional requirements, Cardno's survey teams exceed industry standards to provide project information with rigorous attention to quality and detail.

Our reputation is built on providing incomparable service based on a high standard of technical ability and project understanding. We measure success by our ability to consistently exceed client expectations in a safe, timely, and cost effective manner.

Easy Access to Professional Services

At Cardno, we understand that the availability of precise, accurate, complete, and timely survey information can make a difference in the overall success of a project. Our offices across North America are strategically located to make it easy for our teams to get to your project site quickly and efficiently.

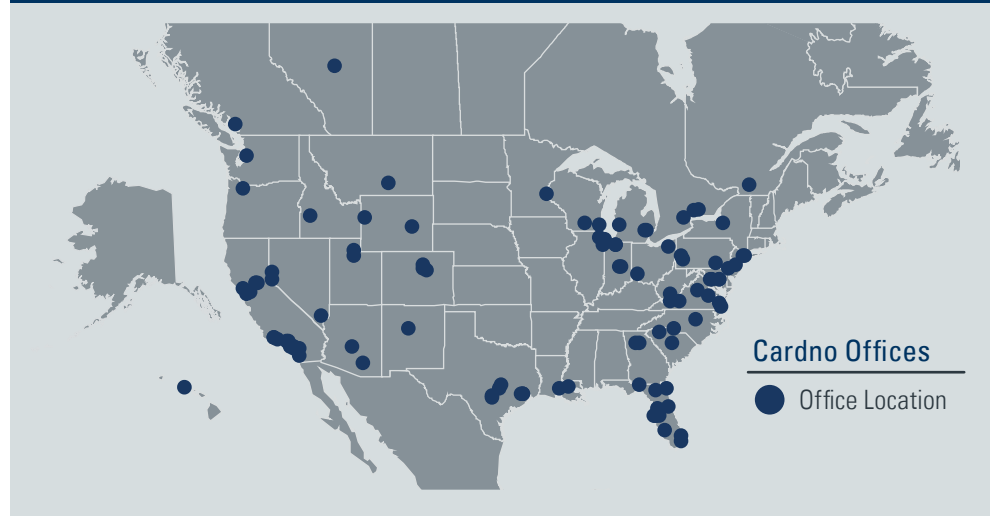
We bring together the right combination of professionals, technology, and processes to provide the optimal solution for your project needs.

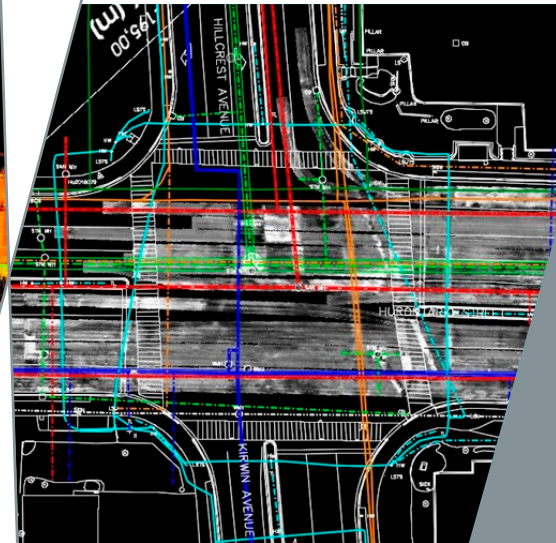
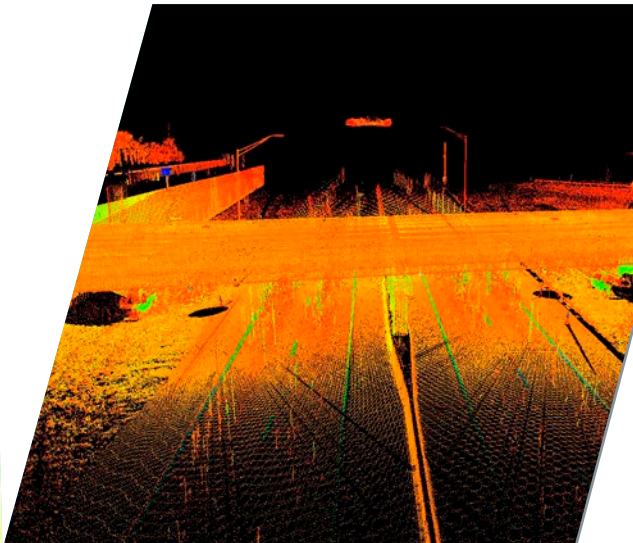
Rigorous Quality Controls

We identify and apply the most appropriate surveying techniques for the project using the latest technology to ensure quality results. All deliverables, whether performed by Cardno's geospatial team, or by our teaming partners, will be scrutinized by our rigorous QA/QC processes and will be standardized to the local, state, federal, or international expectations.

Our licensed professionals and skilled technicians include surveyors, Certified Federal Surveyor (CFedS), survey technicians, and survey field crews.

Expertise across North America





Field-to-Finish

We offer a wide range of surveying services and maintain a comprehensive list of the latest surveying equipment and drafting/mapping software. Our staff utilizes a “Field-to-finish data collection and mapping process” that streamlines data collection in the field and mapping of line work in the office. This process automates the line work, symbols, and all mapping of features that are collected in the field. This not only saves time, but also ensures that features collected in the field are highly accurate and complete.

Terrestrial LiDAR

Survey information is collected at up to 1 million points per second and provides a highly detailed point cloud of the project site. The comprehensive level of detail collected ensures full data capture, reducing the need to return to the field. This information can be used for 3D modeling, deformation monitoring, quantity calculations, integrity checks, utility route planning, and much more.

Subsurface Utility Engineering (SUE)

By providing accurate, detailed underground utility mapping using the latest technology and applying ASCE-38

criteria, project teams can make informed decisions that reduce risk by incorporating reliable utility data into project designs. Cardno’s professional engineers and other SUE professionals are leading the industry to reduce project risk.

Survey / Geospatial Program Management

Cardno manages large complex projects anywhere across North America and around the world. We provide our clients with a trusted point of contact to find the professionals to meet their project requirements, including diversity goals, seamlessly integrated quality control, and standardized deliverables of the highest quality.

Additional Consulting Services

Should your project run into challenges, Cardno has a multi-disciplinary team of professionals that can provide engineering and environmental services expertise to help resolve those challenges and keep your project on track. Contact us at usinfo@cardno.com or talk to your Cardno contact. For more information about Cardno, visit www.cardno.com.

Services

Standard to Advanced Services

- > Aerial Photo Control
- > ALTA/NSPS Land Title Surveys
- > As-built
- > Bathymetry
- > Cadastral
- > Construction Staking
- > Design/ Boundary
- > Fully Automated Deformation Monitoring
- > Geodetic Control
- > Hydrographic
- > Legal Description Writing
- > Lot (or Property) Line Adjustments
- > Right-of-Way and Route
- > Subdivision and Condominium Plats
- > Subsurface Utility Engineering (SUE)
- > Terrestrial LiDAR
- > Topographic Mapping

We offer additional services. Contact us to talk about your project needs.

About Cardno

Cardno is a global provider of integrated professional services which enrich the physical and social environment for the communities in which we live and work. Our team of multidisciplinary specialists around the world has more than 70 years' experience in designing, developing and delivering sustainable projects and community advancement programs. Cardno is listed on the Australian Securities Exchange (ASX: CDD).

Cardno's Commitment to Zero Harm

Cardno
**ZERO
HARM**
EVERY JOB. EVERY DAY.

Cardno's goal is to always conduct our business in a way that protects our people, clients, visitors and members of the public from harm. In an effort to move toward the ultimate objective of zero harm, we are committed to implementing safety systems and awareness throughout our operations globally.