



**INTERNATIONAL CONSULTING
& DESIGN SERVICES**

SURVEY CADD SUPPORT

About Us.

Excellence in AEC Design Solutions

**Our Commitment to
Excellence**

**Affordable & Reliable
MEP Solutions**

**More Than Just Design
We're Your Extended Team**

15+

Client Served Across Global Markets

500+

Professionally designed layout plans

1k+

Hours spent in thorough detailing

99%

Success in Delivering Customer

THE BENEFIT OF ATA

Reduce deadline anxiety with 24-hour productivity.

Reduce expenses by hiring Ata at a reduced monthly rate with no overhead expenses to grow.

Utilize outstanding internal quality control and conformity to your standards to generate deliverables of superior quality.

With a committed production team, devote more time to business development and securing new projects.

<https://ataicds.com/>

Our Team Is the First to Deliver Value:

From hiring professionals with engineering degrees from recognized universities to making sure every designer is certified in AutoCAD and REVIT and educating our staff on US standards and laws, our technical expertise continuously surpasses client expectations. We are also aware of how crucial communication is when working together under pressure. By employing people with outstanding communication skills in English and offering continuous training from a committed in-house English tutor, we make an investment in the professional growth of our staff.



ALTA/ NSPS LAND TITLE SURVEY

Converting raw data into linework and features, formatted to meet standard ALTA requirements in line with client specifications.

Finalizing linework and providing support in preparing borders and title block details, ensuring compliance with all ALTA standards.

Assisting with vicinity maps, standard notes, flood mapping, exhibits, and other related components.

Transcribing title commitments directly onto drawings, including text formatting and preparation for title review.

Drafting drawings aligned with scaled aerial imagery.

Conducting research to identify and document adjacent landowners across most U.S. counties.

Updating certifications to include zoning data, setback plotting, and other relevant information on the drawings.

BOUNDARY SURVEY

Drafting linework and features from raw data into a boundary survey.

Using the provided boundary, we prepare the draft with all improvements, labels, text, and other inclusions in line with the client's standards.

PLOT/ SITE PLAN SURVEY

We ensure the proposed building meets county guidelines and mortgage/insurance restrictions, referencing architectural plans, hand-drawn illustrations, and client-provided legal documents.

Quick revisions are offered in compliance with legal requirements and the client's design specifications.

In addition to building guidelines, we address well and septic requirements to meet the client's objectives.

Upon request, FHA mortgage and insurance details, as well as drainage/topography information with permeability calculations for easement matters, are also included.

TOPOGRAPHIC SURVEY

Drafting linework and integrating symbols/data into the border and title block using field points. Adding all necessary notes and information for the drawing. Calculating inverts from point data for manholes and structures, and creating a basic surface for the land surveyor to refine.

DOCK SURVEY

Detailed dock plans with precise property dimensions and multiple detailing elements.

Inclusion of safety information in compliance with NFHL and flood regulations.

Accurate building details illustrating the dock and influencing factors.

ENGINEERING AS-BUILT SURVEY

Illustrating design variations against on-site conditions using engineering drawings and field or handwritten data, ensuring consistency with current as-built survey styles. Wetland mapping and labeling from field data, National Wetland Inventory, FEMA flood mapping, and aerial exhibits. Creating exhibits for standard mapping processes, including plotting legal descriptions.

REVISIONS

ATA quickly responds to revisions to all of the services mentioned above. No need to have in-house personnel complete changes, and all within 24 hours of receipt – often much quicker.

POINT CLOUD (SCAN) TO CADD

Extracting valuable data from point cloud scans of large-scale infrastructure such as topography, roadways, railways, bridges, and buildings. Data is processed in 2D and 3D CAD software, capturing precise scan details for drafting into 2D drawings. Extensive areas and accurate elevation levels can be efficiently recorded, enabling the creation of outputs like speed-vs-position and slope-vs-position graphs.

GIS/GPS MAPPING SERVICES

Drafting & Visualization

Utility Mapping encompassing plans and legends

Water Mapping, including water plans reflecting waterways, bridges, docks, and soon

Digital elevation modeling, proximity analysis & Features Mapping

READY TO GET STARTED?

CONTACT US TODAY!



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Architectural Design
Support

MEP Design Support

Structural Design
Support

Civil/ Survey
Design Support

3rd Party QC

Virtual Admin Services

Home Design
Modifications

BIM / Clash
Detection Services