Advanced Data Acquisition and Measurement
ADAM

...sidewalk and curb ramp assessment, compliance, and engineering solution.

ADAM is a total solution

ADAM (Advanced Data Acquisition & Measurement) is a mobile digital data capture and portal-based solution designed to assess, document, plan, and help achieve ADA compliance for sidewalks and curb ramps in the public right-of-way.

Assessment. Compliance. Engineering. All in one platform.

Assessment

Fast. Simple. Insightful.

Use the mobile Assessment App to walk sidewalks, capture slopes and distances, tag ADA-relevant features, and document obstacles.

- Supports guided (form-based) or freeform workflows
- Add comments, images, videos, and measurements
- Enables fast, efficient inventory and assessment
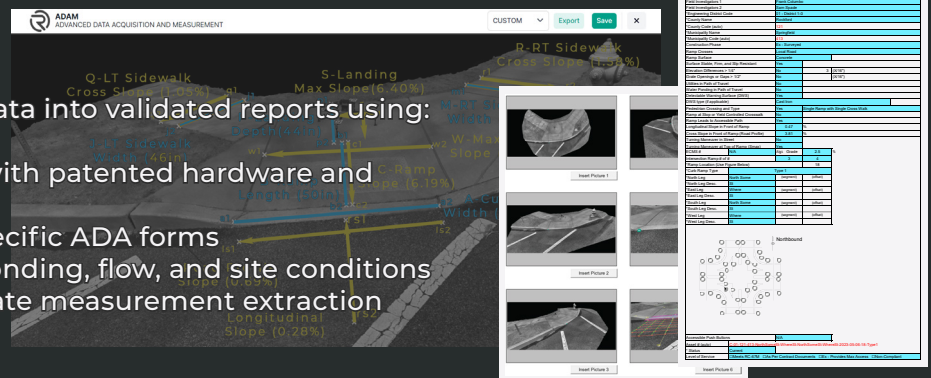- No post-processing required

"Know what's out there before making costly decisions."

Compliance

Accurate. Consistent. Defensible.

The Compliance Package transforms field data into validated reports using:

- High-accuracy curb ramp models built with patented hardware and custom software
- Guided workflows that auto-fill State-specific ADA forms
- Custom Mode with tools for analyzing ponding, flow, and site conditions
- MAT (Model Analysis Tools) for 0.1" accurate measurement extraction from 3D models

Engineering

Design-ready Models. Real Insight.

The Engineering Package gives precise 3D infrastructure models to plan effective remediation, design, or construction.

- Export models as point clouds or textured mesh; orthophotos available on request
- Convert to elevation maps or import into CAD
- Evaluate slopes, grade, and technical infeasibilities

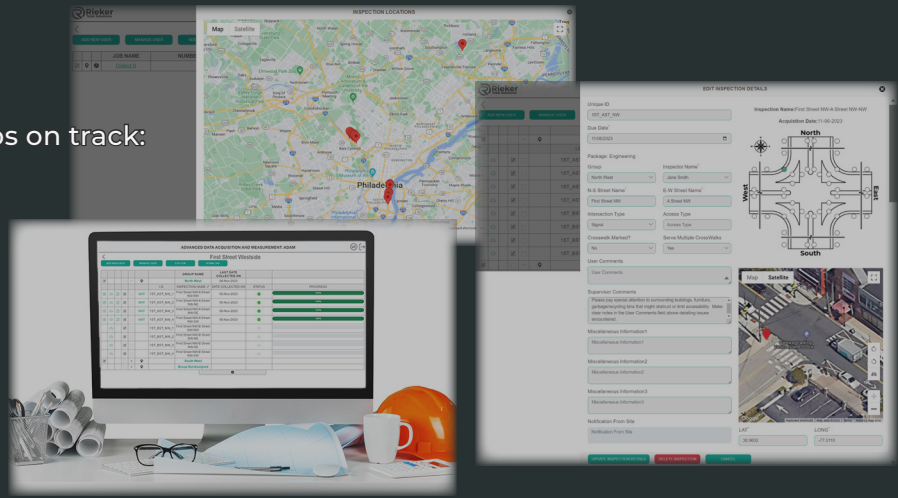*"Bring the site to you — eliminate the need for costly re-visits."*

Job Management

Manage Every Job, Every Detail.

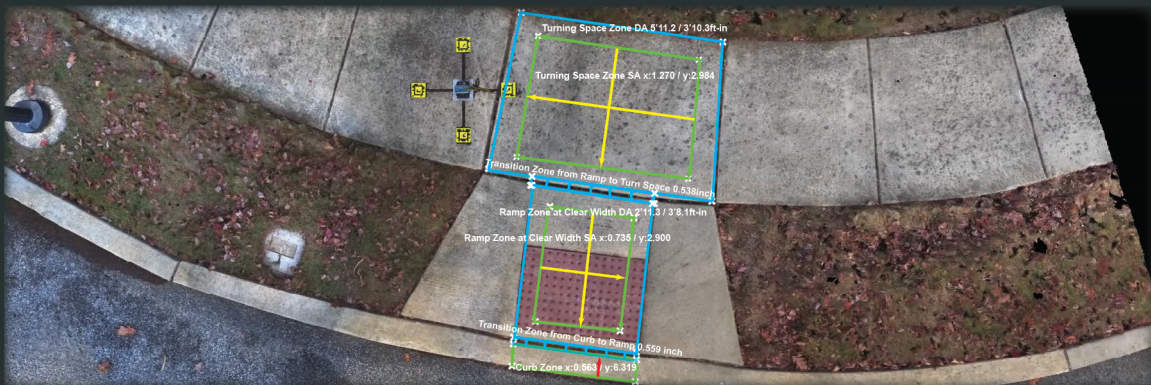The ADAM portal keeps teams aligned and jobs on track:

- Manage users, teams, and responsibility
- Group by region, district, project, ...
- Track, annotate, and review
- Map views of jobs, groups, or teams
- Create and assign inspections with due dates
- Download files for use in 3rd party software

The Benefits

- ☑ Speed – complete inspections in minutes
- ☑ Simplicity – intuitive, guided tools designed for fast, accurate use
- ☑ Flexibility – tailored forms or freeform data capture
- ☑ Accuracy – from field-ready assessments to NIST-traceable 0.1" precision
- ☑ Integration – move seamlessly from assessment to engineering
- ☑ Cost Control – avoid unnecessary re-visits and remediation
- ☑ Defensibility – generate consistent, reliable, professional reports
- ☑ Consistency – consistent measurement and reporting protocol across all user groups

ADAM is your Total Solution for sidewalk and curb ramp Safety and Accessibility in the Public-Right-of-Way

Explore the ADAM platform and see how we help communities build safer, more accessible infrastructure — efficiently and affordably.

610-500-2000

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www.riekerinc.com/total-solutions/

Rieker Rugged. Rieker Reliable.