EQuIS® Geotech

Automate • Standardize • Centralize

Experience the power of EQuIS Geotech! Modernize and automate geotechnical data management.

EQuIS Geotech extends the EQuIS software suite and manages geotechnical and environmental data in a single enterprise solution. EQuIS Geotech integrates mobile field data collection with EQuIS Collect, efficient manual data entry (Web Forms), and laboratory and instrumentation Electronic Data Deliverables (EDDs).

EQuIS Geotech also stores raw lab data, generates a variety of configurable reports with integrated GIS/CAD applications, and connects to internal Enterprise Resource Planning (ERP) systems with a REST API.

Numerous native EQuIS data operations are directly integrated, including migration capabilities and visualization tools. EQuIS Geotech improves data quality and streamlines project workflows for large-scale geotechnical data management.

EQuIS Geotech Workflow



Project Planning

Field Activities & Data Collection

Boring Log Data Review

Lab Assignments & Testing

Instrument Data

Analyze Visualize & Report





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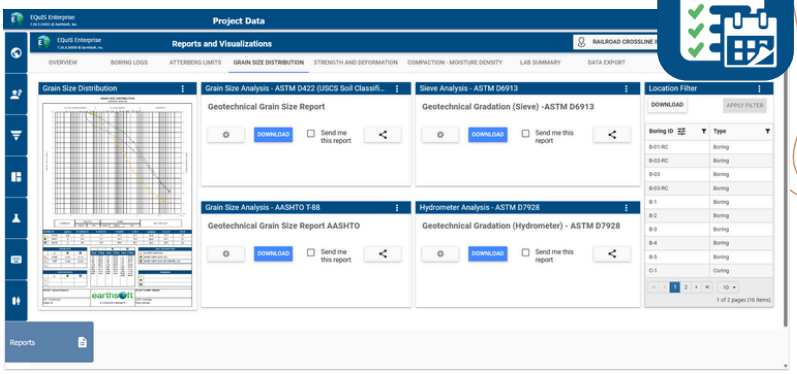
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EQuIS® Geotech Workflow

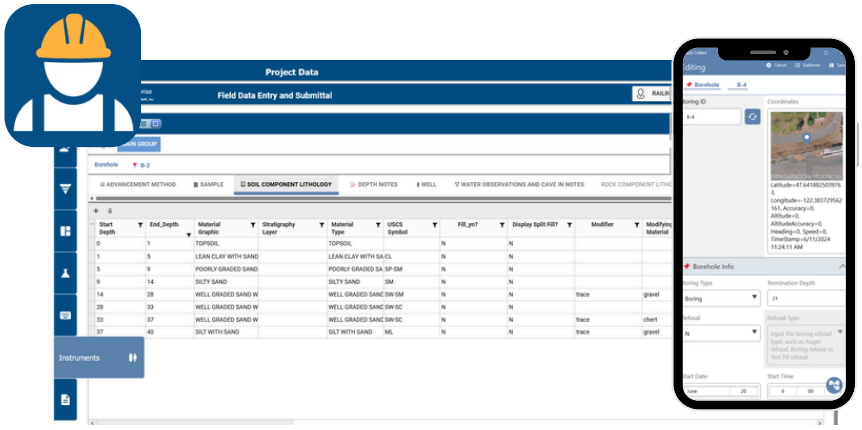
Project Planning

- Setup project information
- Project planning workflows include standard EQuIS project setup and optional connections to client applications using REST API
- Prepare exploration plans, including proposed boring locations, methods, and depths (etc.)
- Schedule and disseminate the exploration plan to the field crew



Field Activities & Data Collection

- Capture drill sample information on paper or with EQuIS Collect
- Field logs are entered into browser-based Web Forms, conforming to organizational data standards
- Load cone penetrometer test (CPT) and dilatometer test (DMT) data
- Web Forms are configurable for efficient data entry and various data types



Boring Log Data Review

- Quickly generate soil boring logs and profiles, CPT logs, and DMT logs to review subsurface site conditions
- Review boring log data with map and grid-based filtering
- Review and modify data to reflect observed subsurface conditions





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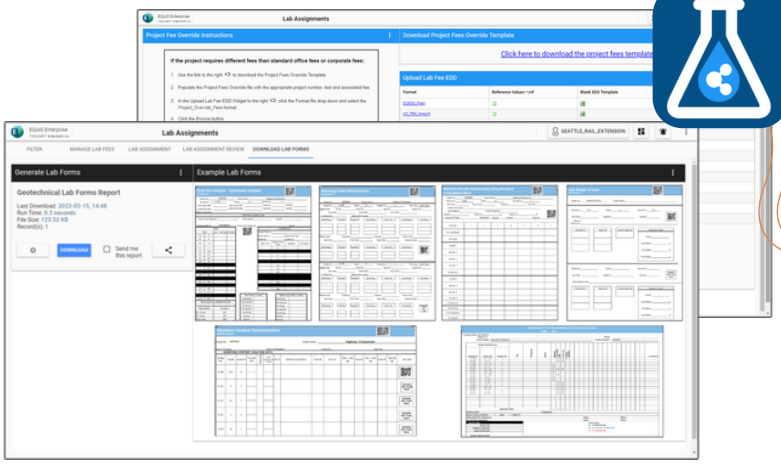
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EQuIS® Geotech Workflow

Lab Assignments & Testing

- Assign required lab testing based on project requirements and observed field results
- Assign labs and associate corporate, regional office, or project lab fees
- Lab forms support electronic import or hand entry of lab results
- Store raw lab data and reporting calculations directly in EQuIS Geotech
- Lab data review templates include Atterberg limit, grain size, water content, and more



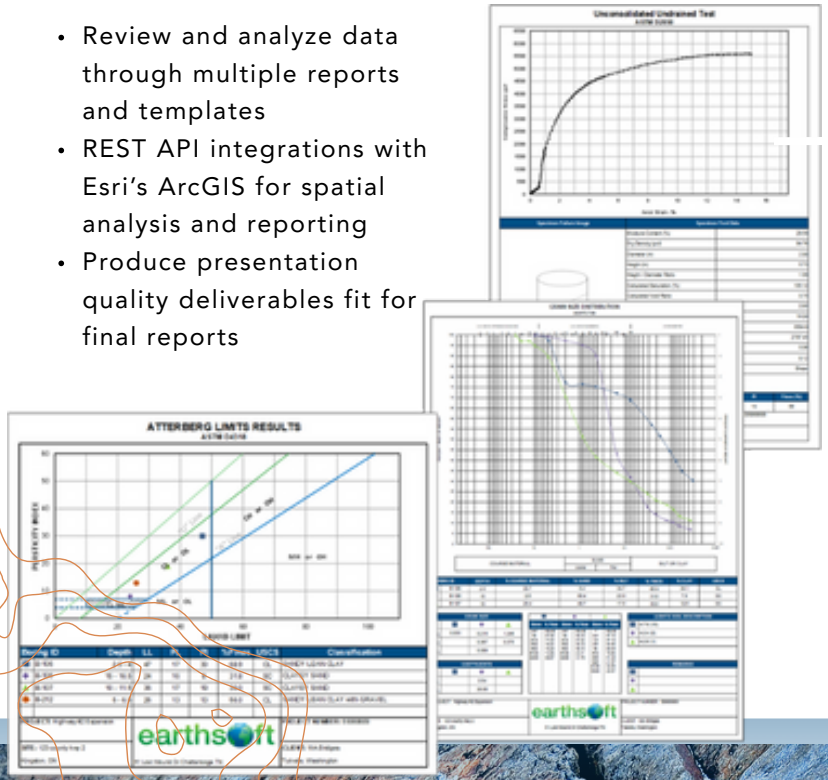
Instrument Data

- Batch load instrumentation data files using configurable data templates
- Review and report UU/UC and more



Analyze Visualize & Report

- Review and analyze data through multiple reports and templates
- REST API integrations with Esri's ArcGIS for spatial analysis and reporting
- Produce presentation quality deliverables fit for final reports



Standard Reports

- Boring, CPT, and DMT Logs
- Subsurface Profile
- AGS 4 Export
- Atterberg Limits - ASTM D4318
- Particle Size Analysis - ASTM D422
- Sieve Analysis - ASTM D6913
- Hydrometer Analysis - ASTM D7928
- Unconfined Compression - ASTM D2166
- Unconsolidated Undrained - ASTM D2850
- Compaction - ASTM D698/D1557
- Grain Size Analysis - AASHTO T-88
- Geotechnical Lab Summary and Results
- Geotechnical Lab Forms
- gINT Export
- CAD Exports (DXF, DWG, DGN, etc.)
- and more....

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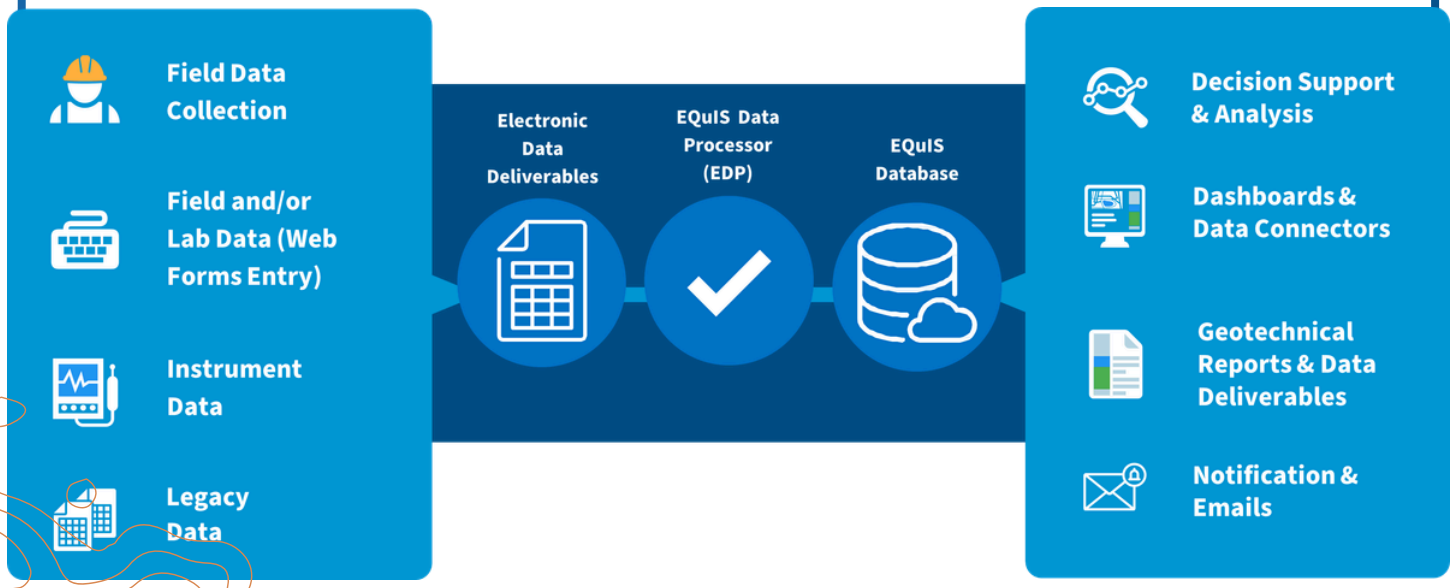
EQuIS® Geotech

Features

- Modular, scalable, repeatable, and automated workflows for multi-project portfolios.
- Built-in dashboards for easy data entry and analysis.
- Import/export EQuIS data in an AGS v4.0.4format
- Produces industry standard geotechnical boring, CPT, and DMT logs.
- Supports raw lab data and incorporates industry standard ASTM calculations.
- Built-in reports designed to mimic industry standard formats.
- Direct data entry workflows with Web Forms, EQuIS Collect Forms, or EDDs.
- Open Systems Model – REST API supporting various third-party integration

Benefits

- Scalable, supported enterprise geotechnical data management solution
- Easily generate boring logs from EQuIS EnviroInsite, Collect, Professional and Enterprise and in Esri ArcGIS Pro using ArcEQuIS
- Planned EQuIS release schedule keeping pace with newest technology standards
- Developed through collaboration with industry leaders
- Professionally designed SQL in EQuIS Schema
- 30+ years of EQuIS client-focused, worldwide support teams



Own the workflow, make better decisions

AUTODESK Authorized Developer

Microsoft Partner

esri Partner Network Silver

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