EQuIS® Data Processor

Industry Standard Data Checking Tool

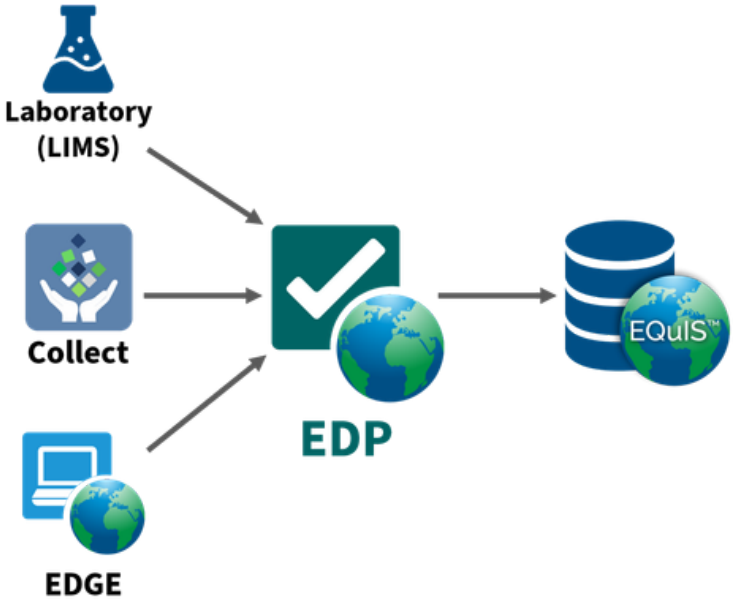
Electronic Data Submissions – Increase Accuracy and Efficiency and Reduce Costs and Time

EQuIS Data Processor (EDP) is a critical tool to automate the processing of environmental and geotechnical data. EDP checks electronic data deliverables (EDDs) for correctness and per client-specific rules. Automatic notifications are provided to data submitters to specify data acceptance or rejection. Rejected EDDs are flagged for errors, facilitating more rapid correction.

EDP builds quality into the entire EQuIS workflow to ensure consistency and defensibility of the resulting EQuIS databases.

Laboratories, governments, consultants, and industrials worldwide consider EDP the industry standard for preparing and checking environmental and geotechnical data. EDP is the most widely used EDD checking tool in the world and its use is written into a variety of government and private-sector contracts.

EDP is built into multiple EQuIS software products and as a standalone desktop application. These multiple EDP versions allow for closed-loop transactions in EQuIS workflows.



Data Quality and Integrity Checks

EDP checks include:

- ✓ Required Fields
- ✓ Field Lengths
- ✓ Data Types
- ✓ Valid Dates
- ✓ Reference Values
- ✓ Duplicate Rows
- ✓ Data Range Checking
- ✓ Relationship Checking
- ✓ Required Values
- ✓ Custom Checks – EDP supports custom checking of complex or project-specific logic, such as:
  - Non-detects: If not detected, the Reporting Detection Limit field must be populated.
  - Populate the Interpreted Qualifier field with the Lab Qualifier field values.
  - Conditional Checking: If the value of Field 1 is “X” then the value of Field 2 must be “Y”.

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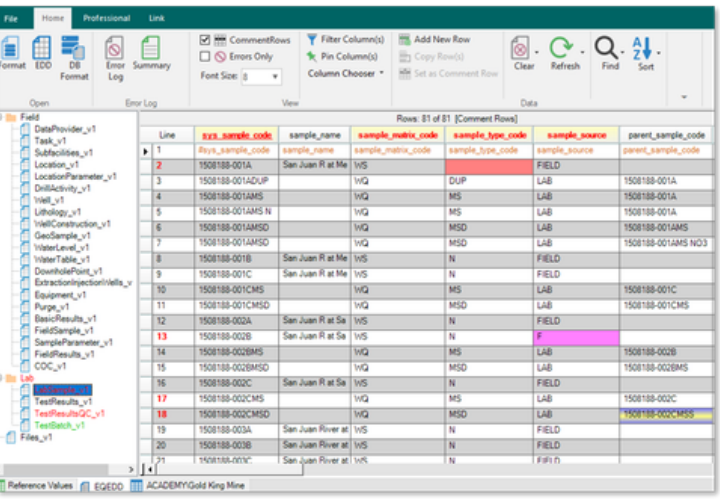
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EQuIS® Data Processor

Professional EDP

EDP is licensed in EQuIS Professional, a desktop database management tool where permissioned power users may directly access EQuIS data tables.

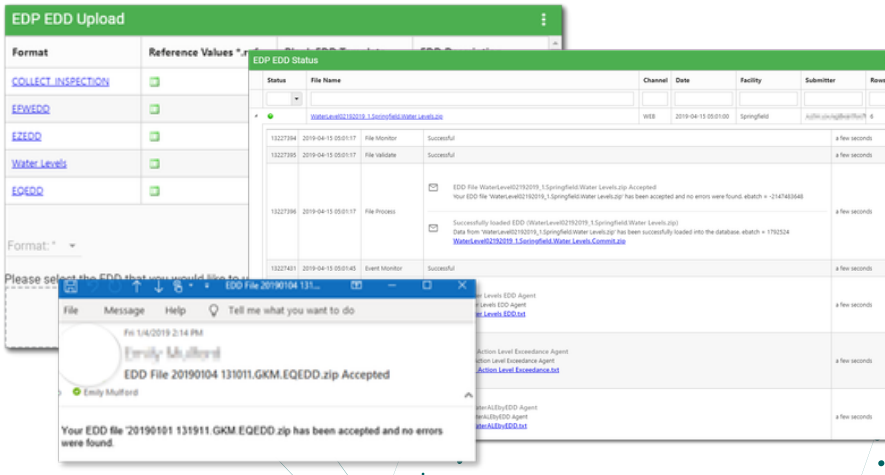
- Check data for reference values, formatting, logic, and business rules.
- Easily find, view, and correct color-coded errors in real time.



Enterprise EDP

Web version of EDP, included with EQuIS Enterprise licensing, offers workflow automation for data checking and notifications.

- Automatically upload and process EDDs (via FTP, email, or web).
- Automatically receive acceptance and rejection notifications for data submissions.
- Web tools for organizations with a high volume of EDD submissions.



EDP Standalone

EDP Standalone software offers interactive data screening and correction prior to EDD submission into an EQuIS workflow. EDDs that pass EDP Standalone checks are often submitted to EQuIS via Enterprise EDP.

Distribution Licenses for EDP

EarthSoft clients can provide EDP Standalone licenses to data submitters for their use in large-scale EDD workflow operations.

EQuIS EDD Formats

- Numerous standard (off-the-shelf) and client specific formats for all facets of environmental data acquisition.
- EDDs files can be Microsoft Excel or text (tab- or comma-delimited).

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