EQuIS® Table Export processing option

Supported workflow for integration with data lakes, data warehouses, and other big data applications.

Automatically transform your EQuIS database into analytics-ready data. Table Export delivers scheduled exports of selected EQuIS tables to easy-to-consume files so your team can integrate with data lakes, data warehouses, and other big data applications without manual pulls or direct database access.



Select

- Select EQuIS Tables
- Set Schedule (daily/weekly/monthly)
- Choose File Type: CSV or Parquet (recommended)

Configure

- EarthSoft configures and manages the export job

Deliver

- Export files delivered to secured Azure Blob Storage
- One file per table per run

Load

- Download files
- Load into other platforms (Data Lake / Data Warehouse / Power BI)

Key Capabilities

- Export the EQuIS tables you choose (e.g., DT_LOCATION, DT_SAMPLE, DT_TEST, DT_RESULT, RT_ANALYTE).
- Run exports on a predictable schedule (e.g., daily, weekly, or monthly).
- Receive one file per table for each run, a clean, consistent structure for downstream loading.
- Where applicable (e.g., DT_LOGGER_DATUM), you can specify a time window of records to include (such as the last X days).
- Exports are full-table exports per run (not incremental "delta" exports).
- File names remain consistent for recurring exports (the latest run replaces the file in the container).
- The process tracks the total number of records in the most recent export as the "table export" metric for the site/database (not cumulative over time).

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Delivery and Security

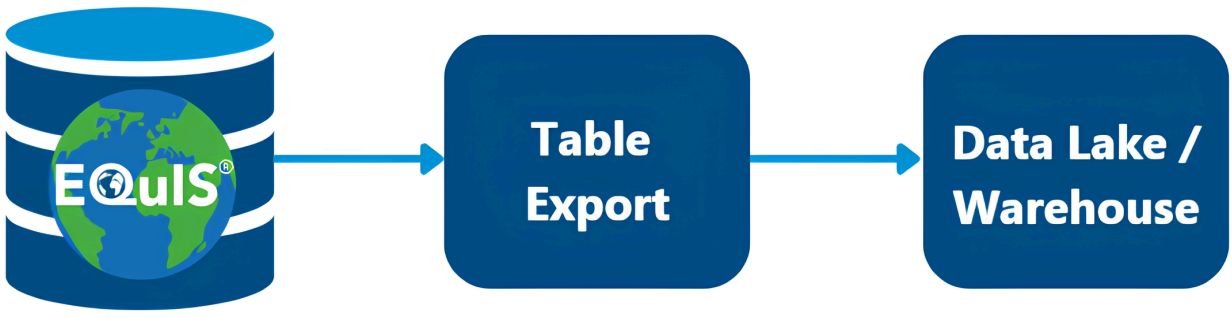
- Exports are delivered to a secured Azure Blob Storage container.
- Based on your organization's requirements, security options can include Entra ID managed identity, access keys, IP filtering, virtual networks, and/or private endpoints.
- After downloading, data permissions and confidentiality are the client's responsibility and are managed by your organization.

Requirements

- Available for EarthSoft-hosted clients
- Requires an active EQuIS REST API subscription
- Licensed per database
- Some data types are not supported (BLOB, etc.)

How it works

1. Select tables, schedule, and file type (comma-separated files or Parquet files [recommended]).
2. EarthSoft configures and manages the export job for your hosted database.
3. Files are delivered to a secured Azure Blob Storage container for your organization.
4. Your team downloads and loads the files into your preferred platform.



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