

Manual configuration

StreamTools provides a user-friendly, ergonomic and intuitive interface enabling the user to amend important information, create or copy objects manually, etc.

Historical record management

The entire modification history is stored in the database. The operator can therefore consult or reactivate the former status of a parameter at any time.

Filters

StreamTools has many functions to filter and identify data, giving the integrator powerful search possibilities.

Consistency

Each configuration can be verified via a validation function prior to use. Configuration rules are therefore verified to guarantee deployment of StreamX applications without errors or inconsistency.

Report

StreamTools allows the production of reports summarizing the configuration. These reports provide a rapid overview of the configuration of each project.

... designed by operators for operators,
StreamTools allows configuration of
all modules in the StreamX range.

streamx

StreamTools technologies

Designed for Microsoft Windows® operating systems, StreamTools benefits from all the advantages of widely used, high-performance software.

Its components are based on Microsoft® .NET technologies.

Microsoft® SQL Server™ offers robust high-performance databases for StreamTools.

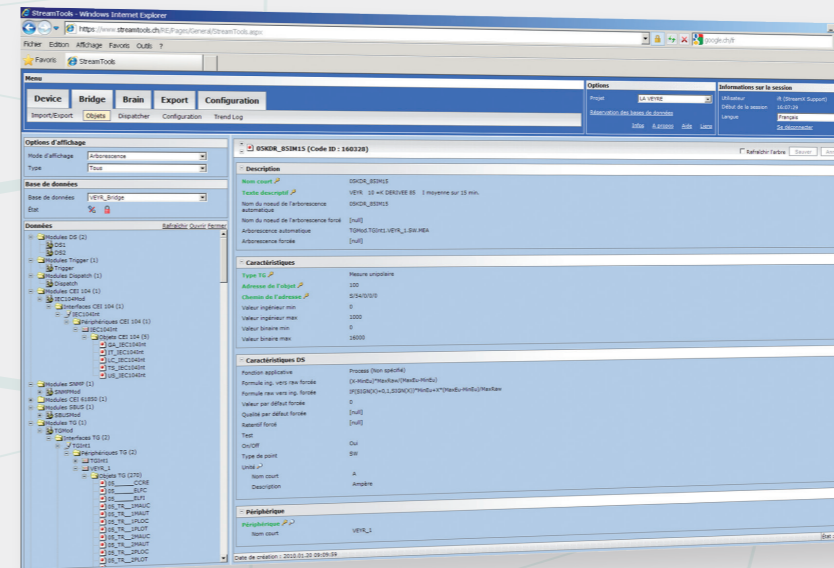
Web application accessible via Internet Explorer.

Features

- Rapid configuration
- Unicity of data
- Web application requiring no additional client software
- Standardized data representation
- Information search facilitated by filters
- Validation of configuration
- Secure access and management
- Traceable historical records

StreamTools comprises all applications and utilities allowing the configuration of different modules in the StreamX range.

Based on a web concept, StreamTools can host the configuration of several different projects on the same platform. It therefore facilitates all database configuration maintenance operations (back-up, user management, etc.).



StreamTools functions

- Configuration of the runtime section: StreamBridge, StreamBrain...
- Automatic import of configuration information from different models of RTU, IED, etc, available on the market and configuration of relevant StreamX modules based on signal lists
- Management of the historical record of modifications made to configurations
 - Assurance of integrity, consistency and unicity of data in the configuration of StreamX modules
 - Validation of the configuration

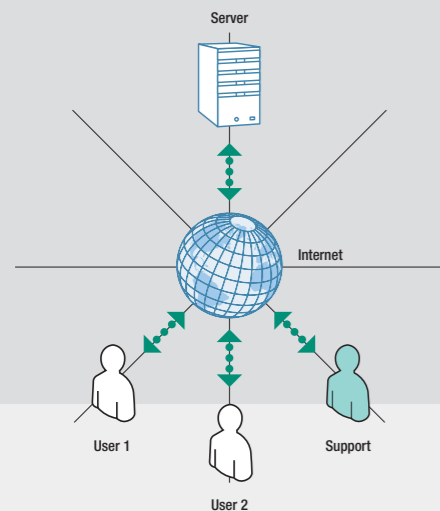
Online configuration

Registered users access StreamTools via the Internet from any work station through a high security connection. A database reservation system is put in place to guarantee data consistency when a project is configured by more than one user.

Configuration management

StreamTools makes it possible to manage the configuration databases of StreamX modules. Databases are grouped together in projects covering a number of sites or pre-defined environments chosen by the user. Access to these configuration spaces is highly secure and limited according to privileges granted to users.

A database can only be modified at any given time by a single operator. A reservation system locks editing functions for other users, who can however still consult data.



Data unicity and control

A highly sophisticated unique key system allows identification of process objects. Each point is unique within the set of configurations managed by StreamTools and these unique keys prevent duplication or addressing errors during configuration.

This system therefore enables the objects of a set of projects to be managed in a simple, uniform and standardized manner and gives the integrator control and autonomy in the management of his real-time data.

Configuration import

Automatic import functions shorten configuration time considerably and also reduce the risk of errors.

StreamTools offers the possibility of automatically loading process configurations from standardized StreamX source files of the CSV type, or specific files depending on the process to be verified (e.g. .SCD for standard IEC 61850).

StreamTools comprises a mechanism for comparison of versions of imported files specific to different StreamX modules and enables them to be stored in the database.

Advantages

- Direct coherence between equipment configuration and StreamX modules
- Rapid implementation
- Reduction of integration time for a new equipment
- Management of different versions of equipment configuration files
- Comparison, editing and visual display functions

