Data Analytics and Reporting Tool for SWIFT Messages

Fast, efficient reporting that can inform strategy while satisfying compliance needs

The Data Analytics and Reporting Tool (DART) from INTL Technology Services LLC enables users to produce comprehensive, highly detailed reports from SWIFT messages quickly and easily. The reporting facility sits outside SAA and produces both archived and live messages.

Efficiency	Convenience
No need to choose specific archive files for messages with specific date ranges; instead simply specify a date range on the main search screen and it automatically picks up all the messages.	DART gives you access to all your historical data in one database (you can choose how many years you want to retain data for).
Improved Insight	**Peace of mind**
DART reports provide operational statistics that can help you analyze message flows, find potential efficiencies, allocate resources more effectively, and adjust strategy accordingly.	DART supports internal audit and regulatory requirements by providing convenient search and reporting of messages that can be retained for up to 10 years.

HOW DART WORKS

Parse and load jobs via a set of Java programs that extract the data from SAA and loads it into the relational database. This works as follows:

- A query is used to extract data from the existing SAA system (methods have been developed to extract data from both SAA 6.0 and 7.0). The extract can be configured to extract selected data (e.g. messages pertaining only to a specific BIC or messages in a specific date range).
- A loader is used to load the extracted data into a relational database.
- An automated process can be set up so that the relational database is continually updated with the latest information from the SAA at a frequency determined by the user. E.g. in INTL Technology Services LLC Service Bureau, the DART has been set up to be updated every night and so has the information current as of yesterday.

POWERFUL USER INTERFACE

DART features a browser-based user interface with the following features:

- Interface mimics the SAA, allowing the user the same search criteria as the SAA for reporting.
- Additional reports can be custom-built on request.
- Menu will show the full list of reports available in DART and the user will be allowed access only to the reports they are subscribed to.
- Report output choices of screen, csv, xls, xml and RJE.
- Search (filtering) criteria can be defined for each report.
- Search criteria can be saved as a search template for reuse.
- Fields that will be displayed in the report can be selected.
- Selections of fields for display in the report can be saved for reuse.
- Reports can be scheduled for automated delivery by email.
- Dashboard.
- User login comes with a password policy that can be configured to meet client standards.
- User are classified as administrators (to manage users) and report users (who will run reports). The specific reports that can be run by a specified report user can be determined.
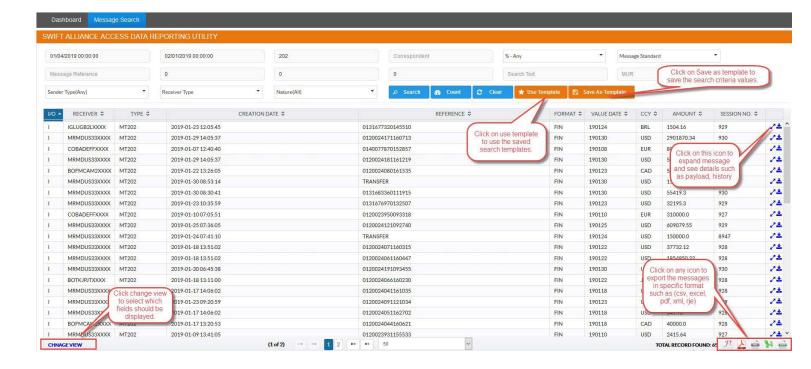
COMPREHENSIVE SERVICE

INTL Technology Services LLC provides software installation assistance, operational demo, and on-going support, documentation and training. This includes training on how to run the query and load utilities.

SOFTWARE DISTRIBUTION & SPECS

The parse and load utility is distributed as a packaged Java Jar file along with other configuration files. It also requires the Java runtime environment (JRE 1.8 or higher). The utility can use any relational database of the user's choice and comes packaged with MariaDB as a default. The user-interface uses Apache Tomcat and is available on all SWIFT supported operating system platforms.

CONTACT US

For more information on how we can help you, contact:

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