Automated Treasury Message Matching

Increased regulations such as the European Market Infrastructure Regulation (EMIR) and Dodd-Frank have increased the need for institutions to automate their confirmation matching process. Aqua Global's e²gen Treasury Message Matching (TMM) module is a fully automated matching and exception handling solution for Treasury Dealing.

The multi entity TMM module effectively enables an institution to define matching relationships for inbound and outbound confirmations in order to automatically detect trade anomalies instantly. The matching rules can be defined for any service including SWIFT and BART.

Centralised Confirmation Management

TMM provides a single centralised view for confirmation management with highly granular control over access and processing for all users across the business.

Functionality

TMM allows for the clear investigation of matched, unmatched, possible and partial matched relationships. TMM automatically highlights exceptions ensuring the instant resolution of issues with the ability to add notes to a transaction to aid future investigations if required.

Flexibility

TMM has an open framework that allows new message types to be included by means of system configuration. This allows any treasury data source in any format to be included in its matching process. Flexible rules enable the matching relationships between fields in the source messages and target messages to be defined.

SWIFTRef Support

The SWIFTRef directories offer banks a single source of reference data enabling a flawless settlement process and SWIFT message production. Loading this data into e²gen enables the full validation of BICs, IBANSs, national bank codes and SEPA routing information.

Alternate Details

TMM learns alternate details that form acceptable matches, for example the matching of a bank name against a BIC or local clearing code. This process is made easier by expanding the associated institutions names for BIC and clearing codes for the SWIFTRef directories. The system intuitively suggests that new relationships should be accepted and will need to be authorised before the system automatically uses this relationship. This facility dramatically increases automatic matching rates and reduces the amount of manual processing required.

Real Time Matching

TMM's highly scalable and robust architecture matches confirmations as soon as they are received or created. It caters for new, amendment and cancellation confirmations and seamlessly forms part of the transaction life-cycle processing available within the e²gen product suite. e²gen supports 2 or 3 way matching between the counterparties and third parties such as brokers (e.g. using BART).

Automated Chasing

TMM automatically produces confirmation chasers for trades that have not been confirmed within definable deadlines.

Payments Control

TMM can be configured to automatically authorise and release the settlement messages associated with a confirmation when it is matched. This enables the authorising of treasury payments to be an exceptions process improving efficiency and reducing risk. Payments associated with unconfirmed trades are proactively identified.

Deployment Options

TMM can be deployed locally, supported remotely via a managed appliance onsite or as a fully managed cloud proposition. A number of options are available in regard to backup and recovery as well as routine maintenance including product upgrades and managing new SWIFT standards.

Comprehensive Reporting

TMM has a number of reports available for users. These reports can be configured to be produced automatically during end of day process. These reports can be stored within a document management system if required.

Benefits

Compliance and risk are priorities for most banks, therefore, automating the matching of treasury confirmations provides an excellent way to improve performance.

TMM gives complete visibility to the entire matching process and enables treasury operations to:

- reduce manual effort
- reduce risk
- reduce processing costs
- improve audit
- improve compliance
- improve accuracy
- provide faster resolution of issues
- handle increasing volumes

Building on a foundation of over 30 years global experience in financial messaging, Aqua Global's e²gen modular suite simplifies operational procedures and allows rapid deployment of new messaging architecture. e²gen has proved itself again and again by optimising resources, processes and costs.

e²gen offers you the ability to create additional value across your financial organisation empowering you to achieve your ultimate banking solution.

e²gen - optimising resources and reducing costs.

If you would like to arrange an obligation free consultation or for further information please contact Aqua Global on +44 (0)20 8544 3200 or e-mail sales@aqua-global-solutions.com