
Treasury Message Matching

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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 highly scalable Treasury Message Matching (TMM) module is a fully automated matching and exception handling solution for Treasury Dealing.

Automating the matching of treasury confirmations provides an excellent way to improve compliance and risk by:



**Reducing
Manual Effort**



Reducing Risk



**Reducing
Processing
Costs**



Improving Audit



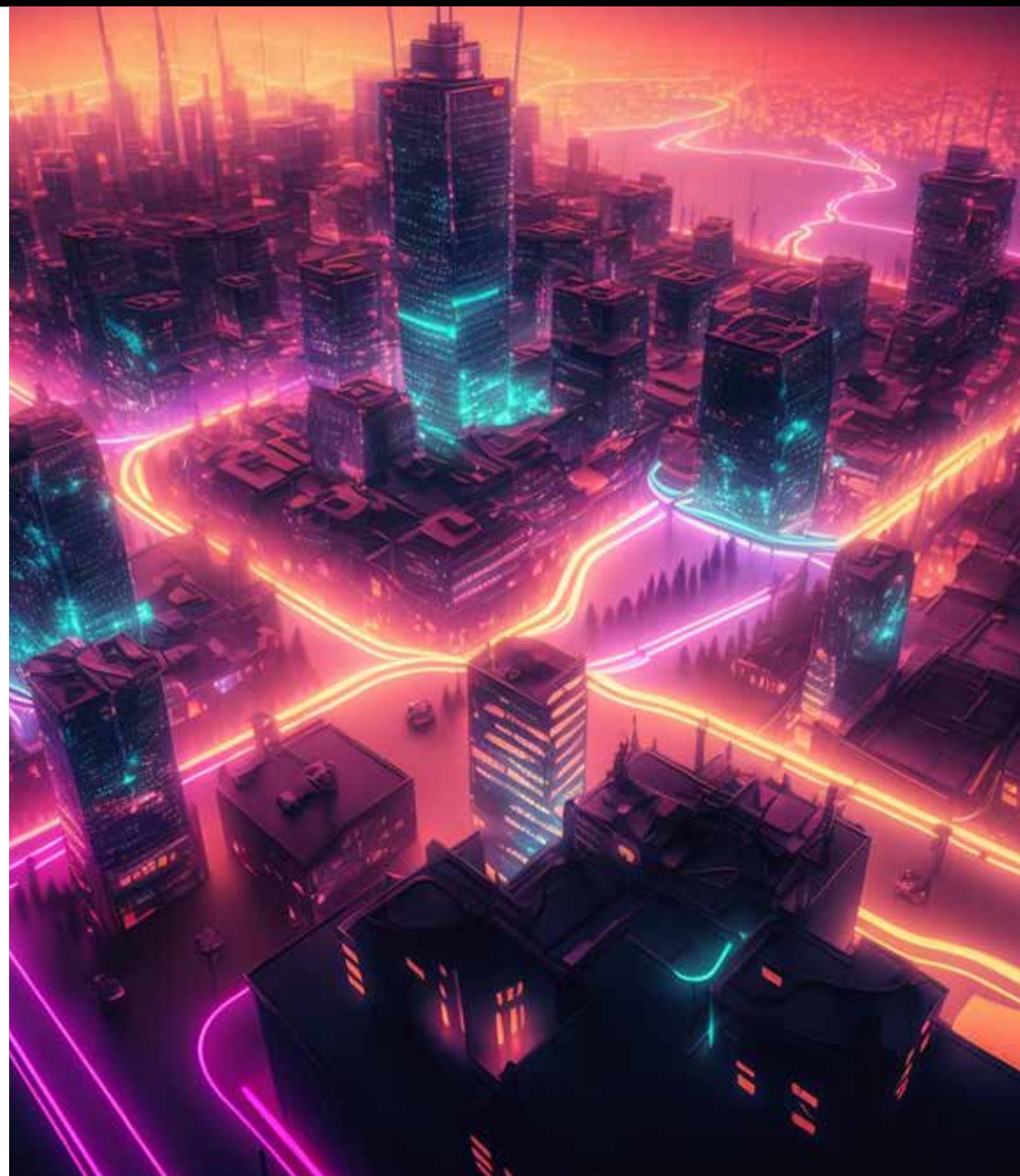
**Improving
Compliance**



**Improving
Accuracy**



**Provide Faster
Resolutions**





Centralised Confirmation Management

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. It provides users a multi-entity centralised view of a trade's status with highly granular control. It performs automated matching of new, amendment and cancellation counter-party and broker confirmations as soon as they are received or created. 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.



Define Matching Relationships



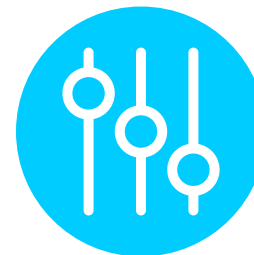
Detect Trade Anomalies



Define Matching Rules



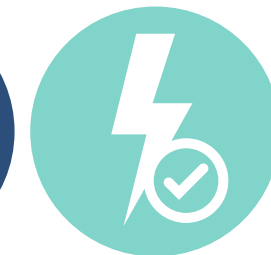
Multi-Entity Centralised View



Highly Granular Control



Automated Matching



Instant Resolution



Add Notes

Alternate Details

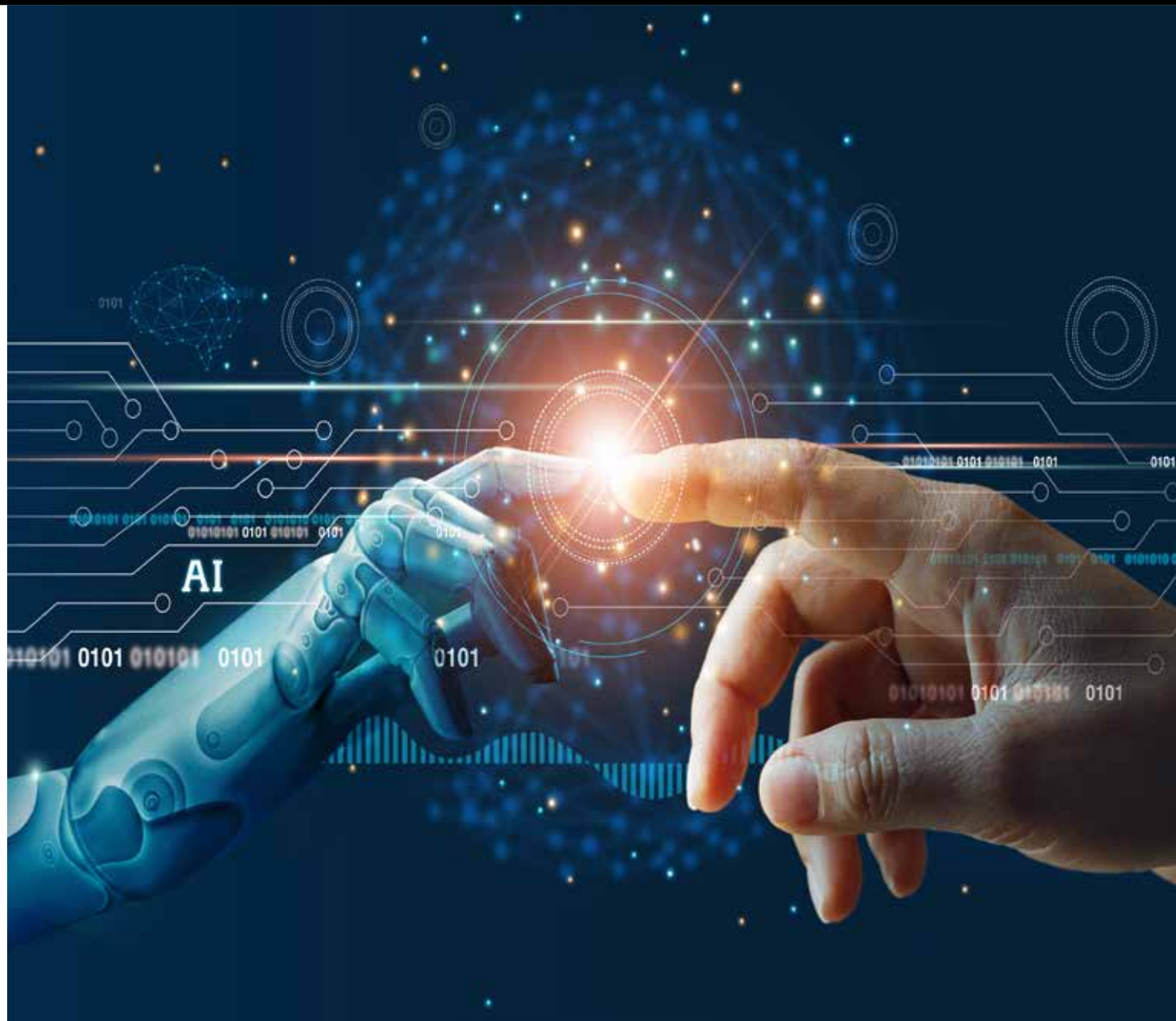
TMM learns alternate details that form acceptable matches, for example the matching of a bank name against a BIC or local clearing code. This process is made easier by expanding the associated institutions names for BIC and clearing codes from the SWIFTRef directories. The system intuitively suggests 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.

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 the system enables the full validation of BICs, IBANSs, national bank codes and SEPA routing information.

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.





Integration

Treasury trades can be sourced by receiving formatted messages (e.g. MT3xx confirmations, pacs.009 payments and camt.057 receipts) directly from a core system. Alternatively API's that define the details of foreign exchange or money market trades can be called from a core system to create the outward settlement messages augmented with Aquila's standard settlement instructions if required.

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.

Core System Integration

When an automatic or manual match is performed, TMM can be configured to update the status of the treasury trade within the bank's treasury management solutions ensuring complete synchronisation of trade status.

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.

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

FULL AUTOMATION

For any data source,
in any format



About AquaGlobal

Aqua Global is a leading provider of financial message management solutions and has been for over 40 years. We provides solutions to the world's top financial institutions producing high levels of Straight Through Processing (STP) and operational efficiency, whilst minimising risks and costs. Headquartered in London, Aqua Global also has a support and development hub in Poland, as well as several global business partners.

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