

Perfecting Payment & Treasury Management

Aqua Global's e²gen product suite provides an institution with a comprehensive platform for improving the management of payments and treasury trades within a framework that easily facilitates continual change. This is important given the increasing amount of ongoing legislation as in the case of PSD the Basel initiatives or market changes such as ISO 20022 messaging (e.g. SEPA). Some of the advantages of using e²gen include:

- Reduced manual processes
- Reduced cost
- Reduced risk
- Improved accuracy
- Improved time cycles
- Improved audit and control
- Improved compliance
- Competitive Pricing

1 | [Automated Payment & Treasury Trade Capture & Booking](#)

This allows new payments, treasury trades, subsequent amendments and cancellations from front end systems and external services such as Kondor+, SWIFT or e-Banking, to be booked seamlessly within your back office system. e²gen can also automatically interpret and process attachments such as MS Word, CSVs and PDFs. Any exceptions such as failed bookings are automatically monitored and reported to relevant personnel via user alerts.

2 | [Automated Payment & Treasury Settlement Message Production](#)

This feature automatically produces fully formatted confirmation and payment messages that will be transmitted to the appropriate service such as SWIFT, SEPA, local clearing or faster payments. The settlement messages can optionally be formatted for compliance with Real Time Gross Settlement (RTGS) systems such as EBA or TARGET2 if required. Trade details can be augmented from Standard Settlement Instructions (SSI's) and to the exact requirements of individual counterparties. Full trade cancellation processing is included.

3 | [Automated Treasury Message Matching](#)

This feature compares treasury confirmations received from various counterparties against related confirmations produced by the bank's own system or by the e²gen Message Production feature (see 2 above). Any exceptions can be viewed via a management console enabling the early detection of problems.

The e²gen product can also be configured to automatically authorise the payment messages associated with treasury confirmations when they are matched.

4 | [Message Management](#)

e²gen Message Management (MM) is an integrated system for controlling all message types passing through your institution from a variety of services such as SWIFT, SEPA, local clearing, e-banking or even the proprietary internal standards of an organisation. This framework allows full control and automation of all transactions and processes.

5 | [Invoice Payments](#)

The use of the e²gen Invoice Payments system allows an institution to control the lifecycle of invoices and credit notes segregated by department. Authorised department personnel can confirm payment of either all or just part of an invoice or credit note. The invoice payments department can then, based on the payment terms of the invoices, effect payment at the appropriate time using the settlement method assigned to the supplier. This includes generating accounting entries into the institutions accounting system and creating outbound settlement messages via SWIFT, local clearing or cheques.

6 | [Cash Management](#)

The main objective of e²gen's cash management module is to accurately monitor a company's cash position in any currency, in order to facilitate the most profitable use of any cash surpluses and/or if there are cash deficits to minimise funding costs.

e²gen can also be configured to automatically sweep funds in and out of accounts based upon flexible criteria.

7 | [Liquidity Management](#)

Banks need to actively manage their intraday liquidity positions and risks to meet payment and settlement obligations as defined by the Basel Committee on Banking Supervision (BCBS). The e²gen Liquidity Management module provides a powerful and easily installed solution for banks to ensure regulatory compliance.

8 | [Sanctions Monitoring](#)

e²gens Sanction Monitor (SM) enables the automatic checking of all electronic messages against a 'sanctions database' which can be loaded from external sources such as World-Check, OFAC, Accuity, Dow Jones or internal white or black lists.

9 | [Automated Account Reconciliations](#)

e²gen Account Reconciliations (AR) provides automatic reconciliation of cash or commodity items with information from an organisation's back office system. AR significantly reduces the workload of reconciliation departments and achieves automatic matching well in excess of 90%. It allows users to concentrate on exceptions, which include automatic routing of referrals and proposed matching by other business areas. AR results in an efficient reconciliation at a lower cost with significant reductions in risk and manpower.

10 | [Balance Reporting](#)

e²gen's Balance Reporting (BR) allows for the automated production of customised statements from both client and counterparty information held within the back office systems.

End of day and intraday statements can be formatted as required for delivery to SWIFT, third party cash reconciliation systems, electronic banking interfaces or any other configured delivery methods such as emailing of secure PDFs.

11 | [Document Management](#)

Trades initiated by customer instructions are often non-electronic e.g. by Word document or PDF. Financial institutions have a regulatory obligation to store and associate these original instructions as part of the trade audit trail.

We provide a document management system that provides this. The original documents can be found in seconds thereby improving responsiveness, customer service and filing quality, at the same time as reducing costs for physical storage and printing.

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@aquaglobal-solutions.com