



Quick Take

PROBLEM

To extend the power and reach of their software, Aqua Global needed a modern development environment that afforded superb System i access.

SOLUTION

ASNA Visual RPG (AVR), with its DataGate System i connectivity, was used by Aqua Global to write a new generation of applications.

RESULTS

- Entirely new version of applications with modern, Windows user interface
- Customers went live with new message processing ahead of the SWIFT deadline
- Customer costs reduced
- Customer process workflow, transaction processing reliability, and competitiveness improved

Aqua Global—RPG Applications to .NET

Aqua Global Applications Blast into the 21st Century with ASNA Visual RPG.

Customer

Aqua Global, headquartered in London, England, is a 25 year-old IT solution provider for the financial services industry. Aqua Global's solutions include middleware, messaging, and a range of integrated business processing modules to suit client business requirements.

Challenge

Change Needed: By the late 1990s, Aqua Global was considering updating its System i application suite. In early 2000, with the advent of the SWIFT ISO 15022 securities messaging standard, the need to radically change the software became more urgent. Aqua Global decided in early 2000 that while adding ISO 15022 compliance the effort would also be expended to dramatically improve the software in many other areas as well.

System i on the Backend: Aqua Global is committed to System i, requiring the continued presence of System i on the backend. Therefore, Aqua Global needed a modern development environment that afforded superb System i access.

ASNA Solution

AVR and DataGate: ASNA Visual RPG (AVR) is a Windows-based development system that uses ASNA DataGate for its connectivity to System i. DataGate offers superb performance and security, which is essential for financial applications. With AVR, developers can produce Windows or browser-based applications that run natively on Windows (with all of the expected graphical user interface elements) and provide excellent communication with System i.

"We needed to extend the power and reach of our software. We are committed to System i and needed a modern development environment that afforded superb System i access. After a little shopping around, we found that ASNA Visual RPG (AVR) offered the best fit for our business and our development team."

Peter Truckle, Sales Manager at Aqua Global

Introducing Intercept e2gen: To better serve its customers needs, Aqua Global used ASNA Visual RPG (AVR), with its ASNA DataGate System i connectivity, to write Intercept e2gen, a new generation of Aqua Global applications. Intercept e2gen enables Aqua Global customers to dramatically improve process workflow, reduce costs, and increase transaction processing reliability and competitiveness.

“With AVR, we built Intercept e2gen, an entirely new version of our software with a Windows user interface. It took us about 12 months to get the core facilities up and running—all of our clients went live with the new ISO 15022 message processing ahead of the SWIFT November 2002 deadline—testimony to our selection of AVR.”

Peter Truckle, Sales Manager at Aqua Global

Project Benefits

Intercept e2gen allows Aqua Global to offer its customers:

- **Ease of UI Navigation**
Users gain a single view of all the information required to manage their jobs with an intuitive, modern user interface.
- **Standards Compliance**
Intercept e2gen provides full compliance with current regulatory rules and can be customized to incorporate any regional, country, and bank specific requirements.

- **Improved STP Throughput**
Using Intercept e2gen, Aqua Global customers achieve up to (and often beyond) a 95% Straight-Through-Processing (STP) throughput rate for Payment, Treasury, and Securities processing. e2gen users now only need to manage any processing exceptions. Time savings are significant, with Aqua Global clients reporting staff time savings of between 50% and 70%.
- **Customizable Rules-based Engine**
Intercept e2gen supports industry standard message interfaces and generally doesn't need significant levels customization. For example, it has SWIFT, SEPA, RTGS, and Local Clearing capabilities built in. Its rules-based messaging engine works with many other formats (including LCH/ACH variations, proprietary file formats, and even spreadsheets).

By virtually eliminating the error-prone tasks of manually processing financial transactions, Aqua Global with Intercept e2gen is able to offer its customers substantial added value. The product ensures data integrity, rules compliance, and all but eliminates overall financial message management risk.

“In today's graphical user interface-centric world, it's not easy being competitive with a hardware server solution that is perceived as old-fashioned even before prospects use it. ASNA's AVR provides a substantial competitive advantage to Aqua Global. AVR literally moved our application development into the 21st century.”

Peter Truckle, Sales Manager at Aqua Global