



Software Implemented



Business Challenges

AQ1 Systems faced growing operational complexity across global teams, struggling with disconnected systems, manual processes, and limited visibility into inventory, manufacturing, and finance. They needed a scalable ERP to unify operations and support global growth.



Introduction

AQ1 Systems is a global leader in acoustic and optical sensing technologies for aquaculture, supporting 32 species across 44 countries. As the company experienced rapid international growth, its legacy systems could no longer keep pace. With disconnected platforms, manual processes, and limited operational visibility, AQ1 required a robust ERP solution that could unify its global operations and scale with its vision.

Business Challenges

As AQ1 Systems expanded its presence across 44 countries, the limitations of its existing technology stack became increasingly evident. The company was operating across four disconnected systems, which created data silos, duplication of effort, and operational delays—especially challenging for a business with global teams working across multiple time zones.

Key challenges included:

- **Lack of a Single Source of Truth:** Data was scattered across multiple platforms, leading to inconsistent information, poor collaboration, and delays in decision-making.
- **Manual Multi-Currency Transactions:** With international suppliers and customers, handling foreign currency transactions manually introduced errors and inefficiencies. Exchange rate fluctuations required constant manual adjustments.



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- **Inefficient Inventory and Warehouse Management:** AQ1 lacked real-time visibility into stock levels and warehouse performance, resulting in stock discrepancies, delays in fulfilment, and missed production windows.
 - **Limited Manufacturing Planning Tools:** The absence of integrated tools to manage production scheduling and bills of materials made it difficult to plan and execute manufacturing processes efficiently.
 - **Poor Sales Order Progress Tracking:** Teams across procurement, production, and dispatch couldn't see the end-to-end status of sales orders, resulting in misalignment and customer service issues.
 - **Cumbersome Supplier Prepayment Management:** Prepayments were tracked using spreadsheets, offering no visibility into outstanding payments or associated goods, and increasing the risk of financial and operational errors.

These challenges were constraining AQ1's ability to scale efficiently and respond to the demands of a global, fast-moving industry. A unified, cloud-based solution was critical to future-proofing their operations.



Software Implemented

To address these challenges, AQ1 Systems implemented MYOB Acumatica, a flexible, cloud-based ERP platform capable of supporting complex, multi-entity global operations. Stratus Consulting Group led the deployment, configuring:

- Multi-company and multi-currency functionality to automate international transactions and consolidate reporting
- Inventory and warehouse management for real-time stock visibility and control
- Manufacturing planning tools to streamline production and engineering change management
- Role-based dashboards for tailored insights across departments

In addition, the implementation included:

- Velixo Integration – enabling dynamic Excel-based financial reporting
- Custom Generic Enquiries – delivering real-time, actionable insights across financials, operations, and inventory
- Together, these tools provided AQ1 with a unified system that supported scalability, automation, and global collaboration.

Our Solution

To address AQ1 Systems' operational inefficiencies and support its global expansion, Stratus Consulting Group implemented a comprehensive MYOB Acumatica ERP solution. This solution was carefully designed to consolidate AQ1's systems, automate core processes, and provide real-time visibility across the business.

Consolidation of Disparate Systems

Stratus replaced AQ1's four separate software platforms with a single, unified ERP system. This centralised platform eliminated data silos, improved information accuracy, and allowed for consistent workflows across departments and geographies. By creating a single source of truth, AQ1 gained better control and visibility over all critical business processes.

Multi-Company and Multi-Currency Configuration

Given AQ1's international footprint, Stratus configured MYOB Acumatica to support complex multi-company structures and fully automated multi-currency transactions. This included live exchange rate updates and automatic currency conversions for both receivables and payables. Consolidated reporting capabilities were also implemented to streamline financial oversight across global entities.

Enhanced Inventory and Warehouse Management

Inventory and warehouse control features were configured to provide AQ1 with real-time stock visibility across locations. This significantly improved stock accuracy, reduced over-ordering and understocking, and streamlined the fulfilment process. Teams could now monitor inventory movement and availability directly within the ERP, improving operational efficiency.

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Acumatica

Our Solution

Manufacturing Planning and Engineering Change Management

Stratus implemented advanced manufacturing features, including production scheduling, materials planning, and bill of materials management. To support AQ1's continuous innovation in product design, Engineering Change Order (ECO) workflows were also deployed. These tools allowed AQ1 to control production more effectively, reduce rework, and manage product obsolescence proactively.

End-to-End Sales Order Visibility

The ERP was configured to provide complete visibility across the sales order lifecycle—from procurement and production to dispatch. This improved cross-departmental coordination, reduced communication breakdowns, and enabled faster fulfilment and customer responsiveness.

Automated Supplier Prepayment Management

Stratus transitioned AQ1's supplier prepayment tracking from manual spreadsheets to an integrated ERP module. This provided clear, real-time visibility into outstanding prepayments and linked them directly to inbound goods and supplier invoices, reducing errors and improving financial control.

Role-Based Dashboards and Reporting

To support better decision-making at every level of the business, Stratus created tailored, role-specific dashboards. These dashboards provided up-to-date insights on operational, financial, and supply chain performance. Accessible through any browser, they ensured global staff could collaborate effectively in real time.

Velixo Reporting Integration

To enhance financial reporting and analysis, Stratus integrated Velixo with MYOB Acumatica. This allowed AQ1 to create live, Excel-based reports directly from ERP data. The integration significantly reduced month-end reporting time and gave finance and leadership teams greater flexibility in creating board-level and operational reports.

Custom Generic Enquiries

Stratus developed a suite of custom Generic Enquiries within MYOB Acumatica. These allowed AQ1 to surface and analyse real-time data across financial, inventory, and operational areas—tailored to the specific needs of each team.

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Results

The MYOB Acumatica implementation, led by Stratus Consulting Group, delivered transformative results across AQ1 Systems' global operations. By replacing fragmented systems with a unified, cloud-based ERP, AQ1 experienced significant improvements in efficiency, accuracy, and scalability.

Real-Time Global Access and Collaboration

With browser-based access to the ERP, AQ1 staff across different regions and time zones can now collaborate using the same real-time data. This has eliminated delays caused by outdated or inconsistent information and improved coordination between teams.

Streamlined Financial Processes

Manual handling of foreign currency transactions was completely eliminated. Automated multi-currency functionality, including live exchange rate updates, has improved accuracy in financial transactions and reporting, saving time and reducing errors in supplier and customer invoicing.

Improved Supplier Prepayment Management

What was once managed via spreadsheets is now handled entirely within the ERP. AQ1 now benefits from full visibility into prepayments, with clear links to goods received and payments due. This has enhanced cash flow management and reduced the risk of duplicate or missed payments.

Enhanced Inventory and Warehouse Control

Inventory accuracy has significantly improved. Real-time stock visibility across multiple warehouses enables faster fulfilment, better demand planning, and reduced stock discrepancies. AQ1's warehouse teams are now operating more efficiently and with fewer manual interventions.

Results

Increased Manufacturing Oversight

Manufacturing planning and control tools have allowed AQ1 to better manage production schedules and bill of materials. The integration of Engineering Change Order (ECO) workflows has improved product traceability and reduced the risk of using outdated designs or components, supporting continuous improvement and minimising waste.

Consolidated Group-Level Oversight

Multi-company configuration has simplified intercompany transactions and enabled consolidated group-level reporting. AQ1's leadership team can now gain a holistic view of the business's financial health and operational performance across all subsidiaries.

Faster, More Flexible Reporting

The Velixo integration has transformed the reporting process. Month-end reporting cycles are faster, more accurate, and can now be managed directly within Excel using live data from Acumatica. Stakeholders have access to dynamic, user-friendly reports tailored to their needs.

Conclusion

In summary, the implementation of MYOB Acumatica by Stratus Consulting Group has enabled AQ1 Systems to move from fragmented, manual processes to a scalable, integrated ERP environment. The company is now well-positioned to continue its global growth with full visibility, operational control, and the agility required to adapt in a rapidly evolving industry.

“MYOB Acumatica has ticked all of our boxes. It provides a robust ERP system to support our visionary product across our global business in a rapidly growing environment. We look forward to our continued partnership with Stratus as we continue to strive to support food security and farmer success across the globe.”

— Raylene Boulter & Simone Dudman, AQ1 Systems