



OPPORTUNITY

Modernize Chadwicks' core planning platform, Accustar, preserving its strengths built over decades, while creating modern interfaces for new applications and users.

INNOVATION

Rather than replace Accustar and lose its valuable legacy, the old platform was evolved into the new AccuPRO, with modern, flexible, and easier-to-use browser and other interfaces.

SOLUTION

AccuPRO retains Accustar's data and business rules in a single-database, double system where old and new run side by side. Modular interfaces open AccuPRO to modern applications.

IMPACT

With its browser and other modern interfaces, AccuPRO has simplified training, user experience, and applications; while also preparing Chadwicks for data integration, analytics, and AI.

Transforming Legacy Systems into Future-Ready, AI-Powered Platforms

Opportunity came from a challenge: Chadwicks Group's core Enterprise Resource Planning (ERP) platform, Accustar, had been exceptionally reliable for decades, evolving as the business grew, diversified, and acquired new operations. Accustar still retained value in its business logic, trusted data, and operational processes built in over many years. But text-based interfaces made onboarding new colleagues difficult, limited mobility, and no longer matched today's environment. Modernization had to preserve existing strengths while removing constraints. Chadwicks needed a browser-based, device-agnostic approach for digitization, a more open architecture to expose ERP capability, and a better foundation for future uses. Rather than risk losing decades of knowledge and differentiation by replacing Accustar, the choice was to modernize user experience, open up the data, and keep the proven engine that continues to run the business.

Retaining Inherited Strengths, Modernizing with a Modular API and Intuitive Interfaces

Chadwicks modernized its legacy Accustar into AccuPRO, a cutting-edge, AI-ready platform using **InterSystems IRIS®**. Adopting a modular, dual-system, single-database architecture, Chadwicks has seamlessly bridged old and new. Such ingenuity allows for incremental, building-block-style upgrades with no disruption of daily operations. At the heart of this transformation is a powerful REST API layer that exposes core business logic and data to modern interfaces. Clumsy, text-based screens have been brilliantly consolidated into intuitive browser views designed around users. The result is a vibrant, fresh system that looks and performs like a new application while retaining all the robust business logic and reliability of the original.

“We are no longer constrained by a legacy interface; we now have a platform that can support mobility, integration, digital transformation, and future AI use cases.”

Chadwicks Group

Simplifying Growth with Open Architecture and No Disruption or Loss

Chadwicks continues to rely on Accustar while giving colleagues a system reflecting how they work today. By moving to modern interfaces, AccuPRO reduces barriers for new users, supports mobility in branch operations, and helps make core ERP processes easier to access—crucial in high-volume, highly diverse merchandising, where multiple brands, customer types, and operational models all depend on one underlying platform. Just as important is planning for change. Phased modularity avoids the disruption and risk of total replacement; a more open architecture makes it easier to integrate ERP with other systems and safely expose trusted data for transformation and future AI use. Not simply a refreshed interface, AccuPRO preserves Chadwicks’ proven business logic and supports growth and flexibility without losing what makes it different.

Key Features in the Success of AccuPRO ERP

- An ingenious **Dual-System Architecture**, with a single database, allows the legacy and modern systems to run side by side. This ensures seamless operations and zero downtime during the transition period. New components are added incrementally, like building blocks, ensuring stability at every step.
- A **Robust REST API Layer** exposes vital business logic and data to modern applications and interfaces. It opens up exciting possibilities for integrations, advanced analytics, and AI-driven insights—while effectively future-proofing the platform, making it adaptable to any emerging technological advancement.
- **User-Centered Design** replaces intimidating, text-based screens with sleek, intuitive, browser-based views. This user-centered design dramatically reduces training time and empowers employees to jump right in. Both new hires and long-standing team members can navigate the system with confidence and ease.
- **Smart Business Controls** embed into AccuPRO key business rules for pricing, margin protection, customer purchasing structures, and compliance processes. These controls help protect profitability, improve consistency, and support accurate, efficient customer service.

About the Winner: Chadwicks Group

Chadwicks Group is Ireland’s leading builders’ merchant and home improvement specialist, with a heritage in building materials stretching back over 200 years. The Group operates a network across the island supporting customers from large contractors and housebuilders to local tradespeople, DIY customers, and homeowners. With deep local expertise, strong customer relationships, and national scale, Chadwicks Group plays a central role in helping Ireland build, repair, renovate and improve the places where people live, work, and connect.

About the InterSystems Impact Awards, Selected by an MIT Panel

Each year select client organizations are recognized at the InterSystems READY conference for projects driving positive change. Nominations are evaluated by independent judges from MIT on three criteria:

- **Makes a meaningful difference**
- **Breaks new ground**
- **Sets an example**

To learn more about the InterSystems Impact Awards visit

<https://www.intersystems.com/intersystems-impact-awards-2026/>