

Modernizing an ERP System

CM evolveIT can scale up to enterprise environments, so you can trust it to handle your most complex challenges.

Based in France, Dupouy SA is a specialty exporter of food and non-food products to the French West Indies, French Guyana, and West and Sub-Saharan Africa. The company faces increasing competition from major food distributors such as Carrefour and Auchan, which are expanding into their market. The company's CA 2E applications, including its ERP system, are critical to keeping its prices competitive and for meeting market demand.

Although the business requirements are complex, the current software globally corresponds to the business need, and Dupouy is happy with its IBM i platform. However, the company needs to improve the software regularly to meet market constraints, work with new business partners, and implement new legal requirements. This is difficult with its current CA 2E applications because:

- An IT partner that no longer exists developed the software more than 20 years ago with Synon/2E and RPG on the IBM i5 Platform.
- Dupouy does not own CA 2E, which left it struggling to keep up with maintenance activities.
- Dupouy does not have the skills for development. It is difficult to find people with CA 2E and/or RPG skills, making it a challenge to implement requested improvements.
- The green screens are very limited and out of date.
- Users have difficulty accessing the software outside the company's headquarters.

Dupouy decided to embark on a modernization project with the following requirements:

- Keep the existing business logic developed during the last 20 years.
- Update the screens with additional data and more intuitive, user friendly features than the green screens.
- Use the software outside the company headquarters, preferably in its customers' premises with no constraint between the software and the workstations, ideally using a Web browser.
- Retain the i5 platform, which runs without any problems, and with no internal IT skills.
- Minimize the impact on current business operations as much as possible during the rollout in terms of testing and training.

- Train CA 2E staff quickly.

Dupouy reviewed the options for modernizing its CA 2E applications and decided that a software rewrite carried significantly more cost, risk, and time. Also, no other ERP package would stick seamlessly to its business needs and would require expensive, time-consuming customizations.

Working with French IBM i integrator Belharra, Dupouy deployed CM First Group's CM M3 product. The solution migrated the business logic developed with CA 2E toward CA Plex, which is more efficient for Dupouy's business needs. The company can buy additional licenses of the development tool for a moderate budget and therefore have an available environment for development.

CM M3 transformed more than 10,000 Function Objects in CA 2E to CA Plex, Java, and Linux, with more than 95 percent of those function objects automated. Because the previous business logic was working fine, the testing workload was diminished dramatically. The rollout was done gradually, having the possibility to revert, if necessary, to the former software.

In addition, CM M3 integrates CM WebClient to generate a modern browser application and enable use on both desktops and tablet devices. The project added relevant information and features and removed useless data and functionalities. The Web-based screens are now more user friendly, providing users with all the requested data needed to work more efficiently.

In all, the migration process was a "non-event" for the customer, according to Belharra. CM M3 was able to migrate all the same level of functionalities as the former software. Once the new software was cleared of useless items and all parties were confident about the robustness of the new application, improvements have been developed on the base of the new, tested software. Dupouy suffered no business impacts during the rollout, and the training needs were very light and done internally.

After the project was completed, Mr. Bertrand Gambet, Technical Director at Belharra, commented, *"We are happy to report that the CM M3 transformation process was a non-event to the business, and gave us a browser-based platform to make necessary improvements to the application quickly and easily."*

Our Approach

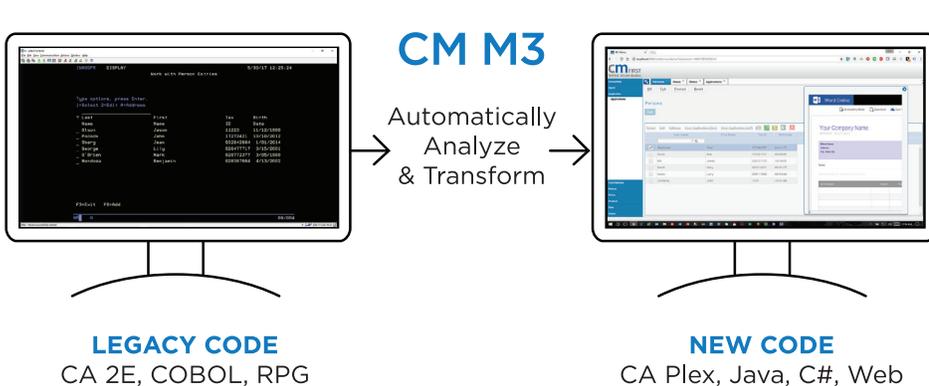
CM M3 modernizations enable businesses to transform the applications they depend on and capitalize on modern features that are essential to remain competitive. Fueled by a flexible and scalable automated transformation engine, CM M3 delivers fast, cost-effective, robust, and future-ready CA 2E application modernizations.

CM First Group's proven M3 process begins with a no-cost automated analysis of the application design and architecture. Next, the company provides a fixed-cost bid for transforming the application. The company then produces a CA Plex model, and programmers proceed quickly to QA and deployment. CM First Group experts are available as needed to provide expert guidance from initial assessment to acceptance testing and implementation. Typically, projects are scheduled for durations of six to nine months and are completed on time and on budget. For more information, visit <http://cmfirstgroup.com/offerings/products/cm-m3-ca-2e-synon-modernization/>.

Projects can be scheduled for durations of six to nine months and completed on time for a fixed budget. Your IT department can complete smaller modernization projects in a single budget cycle.

CM M3 IS FASTER, ERROR-FREE AND MORE RELIABLE.

CM M3 is not a mere machine translation of CA 2E code. Our holistic offering yields a modern maintainable application carrying forward all the business rules of the legacy program



“Our customer Dupouy, with highly complex business requirements, needed to modernize a global ERP system based on CA 2E. We are happy to report that the CM M3 transformation process was a non-event to the business, and gave us a browser-based platform to make necessary improvements to the application quickly and easily

The transformed application can be moved onto and integrated with:

- + Modern programming languages like Java and C#/.NET
- + Commodity hardware, cloud hosting or retained on IBM i Series
- + The database of your choice, including DB2, SQL server, Oracle and MySQL

As a result, your enterprise's key applications and data will be unlocked, enabling:

- + Modern features that have become essential to business — responsive UX, API integration, data mining, and more
- + Platform-independent provisioning that captures the benefits of continuing advances in computing capabilities
- + Your developers to be more productive and easily maintain, modify and integrate using today's web and API focused skill sets

About CM First Products

For over 30 years, CM First and the technology underlying CM First's products have been at the cutting edge of providing IT modernization solutions. In conjunction with our CM evolveIT product we have a unique methodology and services, that enables you to identify where and how business rules are enforced within your operational code and build a fully cross- referenced inventory of business rules and vocabulary alongside the application code that supports them.

For more information, visit cmfirstgroup.com/products/CMevolveIT

Request a Demo Today

Contact us for more information or to schedule a demo. Call 888-866-6179 or email us:
info@cmfirstgroup.com