

SUCCESS STORY



ECONOCOM PSF IN THE GRAND DUCHY OF LUXEMBOURG AUTOMATES THE MULTI-PLATFORM DEPLOYMENT OF THE OLYMPIC BANKING SYSTEM

Company presentation **econocom**

The Econocom Group, premier European digital services company, operates a full range of digital business - equipment, services and financing – to facilitate digital transformation for its customers. The company is present in 16 countries with nearly 8,750 employees.

One of the key services proposed by Econocom PSF in the banking sector is "OASIS by Econocom" ("OLYMPIC Applications Suite In Service"), automating a wide range of banking activities using the OLYMPIC Banking System. OLYMPIC was developed on IBM i by ERI Bancaire and is used by more than 400 banks in 60 countries.

Certain front-end functions are now dispatched to Econocom PSF's private cloud platform called "Econocloud / Powercloud" and TomCat servers. The back end remains on IBM i, along with the DB2 database and the COBOL application core. The combined solution provides a complete set of core banking tools for decision-making, transaction processing and control.

Econocom PSF currently employs around forty people, including infrastructure engineers, network engineers and operators working on IBM i solutions.

Context and issues

The OLYMPIC Banking System is well-established with many satisfied customers in the banking sector, making OASIS a strategic offering for Econocom PSF.

For multi-platform OLYMPIC, Econocom PSF receives packages from vendor ERI Bancaire on both IBM i and web. Econocom PSF then distributes this software to each customer according to their own specific infrastructure. Although all customers use the same OLYMPIC software, each deployment is adapted to the customer's specific needs.

To better serve its customers, Econocom PSF took the initiative of implementing a DevOps tool for IBM i, with the principal aim of automating, securing and simplifying deployments.



Solution chosen: ARCAD for DevOps

To meet all these requirements, Econocom PSF opted for the ARCAD for DevOps solution.

Ease of use is one of the strengths of the ARCAD Software suite of tools used at Econocom PSF (Observer, Builder, Skipper and DROPS for i). ARCAD makes it easy to carry out all essential tasks such as auditing, versioning and deployment in a complete and automated way.

Secure multi-platform and multi-infrastructure deployment: Econocom PSF has made multi-platform deployment automation a top priority, given the diversity of customer environments.

Customers generally prefer to keep their data in the Grand Duchy of Luxembourg, as infrastructure security is paramount in the banking sector. The Econocom PSF solution is based on a private Cloud (Econocloud / Powercloud) and two highly secure and resilient data centers based in the Grand Duchy of Luxembourg.

Compatibility with different technologies, platforms and infrastructures was a key argument, to ensure that the solution could adapt to the specific challenges of each customer.

In addition, the 'roll back' functionality of the DROPS deployment tool was important in guaranteeing security during the critical 'transfer to production' phase at customer sites.

Benefits obtained

- **Rapid delivery:** DROPS makes it possible to deliver a new version quickly, whether the update is simple or complex. For example, for one of their customers, when it comes to delivering the OLYMPIC package, several infrastructure items (around fifteen) and components (around twenty) may coexist simultaneously. It would be extremely difficult to deploy manually in this case without the risk of error. Now, with DROPS, implementation is both simple and secure.
- **Rapid testing:** DROPS also makes testing quick and easy. During the test phase, numerous deliveries are needed. Thanks to DROPS, testers can now rapidly carry out regular or on-demand tests.
- **Maximum quality of the software delivered:** Installing the physical and logical files requires a great deal of expertise and handling. For example, when deploying WARs, several additional actions are needed, such as stopping Tomcat, deleting directories, etc. The ARCAD solutions anticipate and automate all these processes, making it easy to run multiple deliveries automatically.

The next stage

- Migrate to the new, easier and more powerful Web version of ARCAD.

"ARCAD's major advantage is that the tooling can respond to customer update requests easily and in the shortest possible time,"

Christophe Loizeau, OASIS Business Unit Manager, Econocom PSF



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