# Product History

*Matisse has been in use in Europe for over a decade in the most taxing environments. The first version of Matisse was developed at the University of Technology in Compiegne, France in 1986 and was based on architectural concepts that originated at MIT. Matisse was commercialized later to support mission-critical process control applications in nuclear power plants, its early development funded by COGEMA, the French nuclear power agency.*

## The first Matisse applications

The first application of Matisse by COGEMA was for an online nuclear plant management system that gave the staff instant access to up-to-date operating instructions for the numerous systems within the power plant. Matisse was essential to modeling the extremely complex fuel process and providing easy-to-understand multimedia information. Matisse was used for other in-plant control applications by COGEMA, all of which continue to operate today, over a decade later.

Matisse has also been deployed extensively by Euriware, a large French system integrator, as the platform for a variety of complex solutions. For example, one of Europe's largest pharmaceuticals manufacturers, Sanofi-Synthlabo, uses Matisse to power an industrial control system that monitors increasingly complex drug manufacturing processes in real time. Sanofi-Synthlabo considers Matisse the only product with the flexibility, reliability, and performance to handle the job.

Euriware has also developed a knowledge management system named "Rex" that is used to capture the knowledge of complex operations from key staff members. It has been successfully deployed at the European energy agency CEA, SNCF the railroad system, the French Navy, and Airbus the leading aircraft manufacturer, among others. Matisse Software continues to collaborate closely with Euriware.

## Matisse powered solutions

Matisse was first introduced in the United States in the mid 90s. An experienced team of developers, who had participated in development of the first major object database (O2), saw the shortcomings of both the pure object and object-relational database management system approaches and realized that Matisse, with its unique versioning architecture, could be the first database to bridge these two different technologies. This team founded Matisse in 1990 intent on evolving Matisse to be the ultimate fusion of the relational and object database technologies.

In 1998, we used Matisse to power solutions to problems in content management and customer-relationship management (CRM). Examples of content management developments include the Internet yellow pages (Big Yellow), now provided through Verizon. Big Yellow chose Matisse as a scalable database that would handle advertising graphics and other rich media for their Internet yellow-pages directory. Matisse developed search solutions for ZDNet (now cNet), LinuxWorld, Craig's List, Net Noir and others that used Matisse to provide fast full-text indexing and search engine functionality for Web-based forums and user groups. ironment.

In conjunction with several design partners Matisse helped develop Klover, a Matisse powered solution that provides real-time trending for heavy load CRM applications while simultaneously serving requests for reports and analysis by call center(s) and customer support managers. The Matisse-based solution is the answer to the problem of creating a unified customer voice from all of the diverse channels of customer communication that large companies manage.

## First domestic release

Matisse's extensive history includes hundreds of man-years of development, and over a decade powering nuclear power and pharmaceutical plants, among other mission-critical systems. With the success of Matisse in Europe, and the success of the Matisse-powered solutions, object developers familiar with previous generations of object databases, as well as the object-relational databases, have found Matisse to be a fully SQL-compliant object database that exceeds the performance and scalability of relational databases. Matisse listened to these developers and in May 2001 announced the first domestic release of Matisse to be generally available in the United States in early Q4 2001.