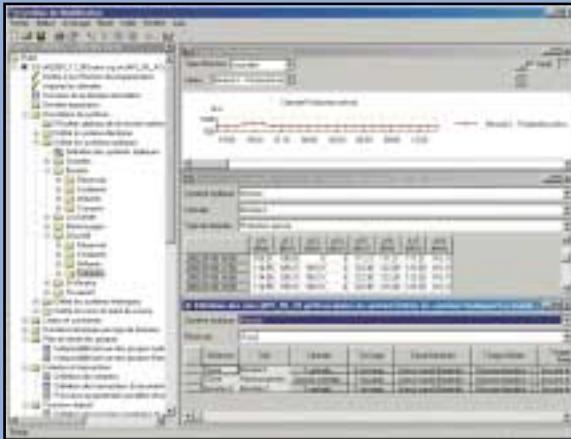
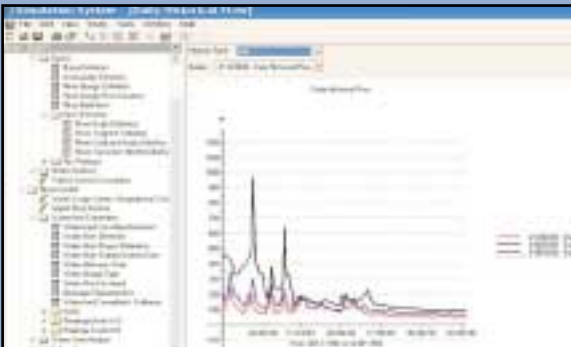


# > SimSys

Streamline your business operations.



*Hydro Generation Management System.*



*Watershed Management System.*

SimSys is applied successfully by our clients in sectors such as hydro-electricity generation, watershed management and energy consumption to integrate their legacy models and applications.

A simulation system that makes your decision making process more efficient.

SimSys is a powerful simulation system used by specialists and managers to perform analyses based on legacy applications. Customized specifically to your needs, SimSys streamlines the planning and scheduling of your operations and allows you to achieve greater productivity.

SimSys is a state-of-the-art integrated solution that:

- Provides comprehensive integration capabilities of legacy applications and enhances the interactivity between applications.
- Improves data management by organizing and simplifying complex data structure (e.g. inventories, electric networks, power plants and civil works), system characteristics (e.g. area, size, volume, curves) and constraints (e.g. priority level, periodicity, time variation) in a generic user interface.
- Incorporates mathematical models to compute, optimize and analyze solutions. The models can be provided by the client, third parties or Synexus Global.
- Facilitates project decision-making by simulating multiple scenarios and comparing results.
- Performs real-time functions (e.g. data acquisition, validation, calculation and visualization).

## A flexible computer environment and a rich set of functionalities

### Customized Application

SimSys customization strategy follows the client's work processes. It favors a hierarchy approach of Services, Activities and Tasks.

### User-Friendly

SimSys provides a uniform Graphical User Interface across activities including customized spreadsheets, graphics and Geographical Information System. The interface is offered in several languages.

### Flexible Study Mode

SimSys' study mode allows users to perform extensive what-if analyses. Users can prepare data, run scenarios, compare, save, publish results and print reports. For enhanced reporting, the study mode may be linked to a desktop application.

### Powerful Database

SimSys' database allow extensive description of a system, incorporation of dynamic data and case studies.

### Data Exchange

SimSys allows to import/export data manually or automatically from one or more applications. Data integrity is ensured through data exchange with the central database.

### Multi-Users & Secure

SimSys is designed to allow users to simultaneously and independently access the system and share results. For higher security, user access and privileges are controlled by a system manager.

### Modern Architecture

SimSys' distributed and open architecture allows rapid integration with external models or third-party applications. Integrated models can be accessed locally or remotely at any time.

## How you will benefit from SimSys

SimSys is a cost effective and robust solution used by small and large organizations managing complex operations and planning processes. SimSys is applied in several industrial sectors ranging from Hydro-Québec (Canada) and ONS (Brazil) in the power generation sector, IGAM (Brazil) in the water resource management sector and Zellers (Canada) in the retail sector.

In addition to enhancing management and operational work processes, SimSys will:

- Build on your legacy applications and leverage your investment in previously developed models.
- Support any evolution of your work processes and models.
- Reduce data inconsistencies and redundancies between activities.
- Facilitate collaborative work by providing an homogeneous access to your system and models.
- Provide a user-friendly working environment in which users can readily and rapidly accomplish studies and manage daily operations.
- Improve the interaction between activities and the decision making process.



## A leader in decision support tools

SimSys is a product of Synexus Global, the leading provider of decision support systems for the hydropower and other industries. Until April 2002, Synexus Global was known as Acres Productive Technologies (APT). It is owned by Acres International and Hydro-Québec Capitech.

Call us to learn more:

Tel. +1.514.844.8900

Email: [simsys@synexusglobal.com](mailto:simsys@synexusglobal.com)

[www.synexusglobal.com](http://www.synexusglobal.com)

