

**Complex**  
business  
decisions?

Many constraints  
and variables in  
an **uncertain**  
environment?



Innovate Your Decision Making!

---



Simple, creative and  
effective **solutions**  
to complex problems!

The most advanced solutions  
for **decision support systems**.

**Innovative products in  
optimization, simulation,  
forecasting and control.**  
A team of skilled engineers.

Specialists in innovative projects.  
**Why running risks?** Contact us!

## Which are the **benefits** Customers can get using **ACT** applications?

Analytical and measurable decisions oriented, better use of resources; cost reduction, and service level management compliance; higher control of processes, reduction of risks. Business success with innovative projects.



## Who chooses **ACT Solutions**?

Companies with challenging logistics, productive and trade processes. Retailers, manufacturers and logistics companies, airports and oil enterprises, banks and service companies.

## Who finds **satisfaction** at working with **ACT** professionals?

Managers and dedicated professionals who believe in change as a tool for evolution. People who like working cooperatively and resolutely, people who break down barriers and norms, if need be.

## Why **ACT Solutions**?

To get simple, creative and effective Solutions to complex problems! Our highly skilled staff and our many years' experience in decision support systems are at the customers' disposal.

For our innovative, highly performing Products to decision making support, which fully meet the business requirements.

For our constant activity of applied research strongly integrated with real processes.

We operate in an international context: ACT Solutions is a founding member of the Worldwide Simulation Alliance.

ACT Solutions:

- expertise
- business sensitivity and deep knowledge of the processes
- relevant references
- high computer science skills for the very best integration of technologies
- international presence
- reliability



## What actually are the **Solutions** proposed by **ACT**?

Tools to enhance optimization, simulation and forecasting.

Are decisions made  
the very best?

Can you compare and  
motivate them?

Are you meeting too many  
constraints and variables?

Is the context too much  
uncertain?

Companies and winning  
Managers do not abandon  
their intuition but decide in an analytical, objective and measurable way!

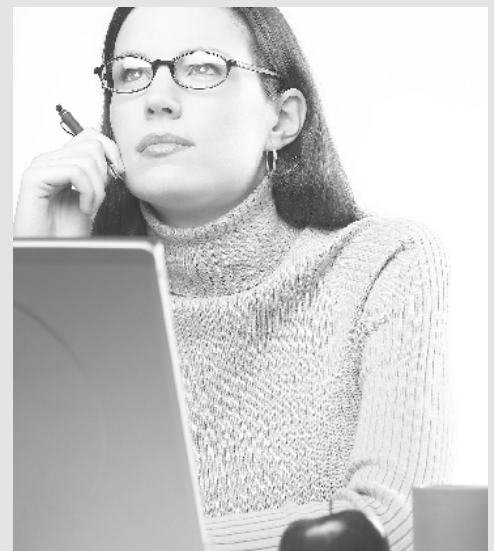
### What our solutions are **used** for?

- to design warehouses, distribution networks, supply chain, production lines, etc;
- to give processes the optimal design;
- to plan and schedule the resources;
- to locate points of sale, warehouses; factories or facilities in a defined area;
- to analyze risks and investments;
- to support revenue management;
- to fix the best and most dynamical pricing and promotions;
- to optimize and simulate the trading.

Many years' working - a sole **core business**: forecast, simulate and optimize processes using models and algorithms!

Highly skilled engineers with a meaningful theoretical knowledge and a strong every-day experience on complex processes.

Innovative products in optimization, simulation, forecasting and control. The most advanced techniques for decision support processes.





## ACT Solutions in key-words:

- Simulation, Optimization, Forecasting and Control
- Algorithms and models
- Engineering and decisions sciences
- Advanced planning and scheduling techniques
- Management and optimization of fleets and transportation
- Optimization of warehouses
- Optimization of production
- Optimization of networks and supply chains
- Optimal location (plant, warehouse, points of sale, resources)
- Forecasting of demand
- Revenue and trade optimization

## Main products

### Forecasting and Analytics

**Before!** - Multi-paradigm forecasting platform  
**OPT Revenue** - Vertical modules for price, promotion and investments optimizations

### Transportation

**Best Tour** - Daily fleet scheduling  
**Best Way** - GeoMap management and advanced routing  
**Navy Planner** - Ship scheduling and planning  
**OPT Loading** - 3D loading optimization

### Distribution

**Best Shipping** - Shipping plan and fixed route optimization  
**OPT Calendar** - Optimize fixed delivery calendar  
**OPT Net** - Supply chain design and resource management

### Warehouse

**NET Solver - RTD** - Real time optimizer for movements of carts, AGV, operators, cranes, etc  
**OPT Warehouse** - Optimize stock, picking, layout and display

### Manufacturing and Production Management

**Value Stream Manager** - Innovative planning & scheduling tool for manufacturing

### Simulation tools (resale)

**ARENA** - Discrete-event simulation platform (Rockwell Software)

**SIMIO** - Multi-paradigm simulation platform (SIMIO LLC)

**Scenario Navigator** - Make easy complex scenarios analysis (Systems Navigator)

### Altri Ambienti:

**Dymola®**  
**Matlab® e Simulink®**: strumenti di calcolo e simulazione  
**Lab View®**