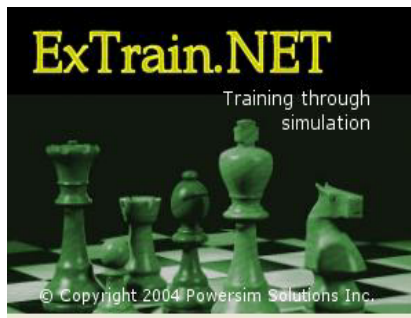
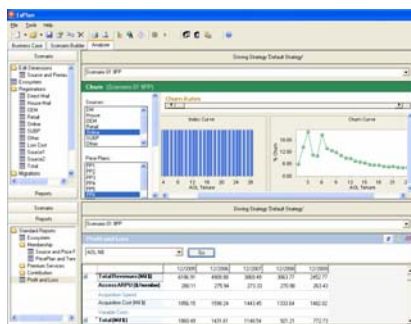
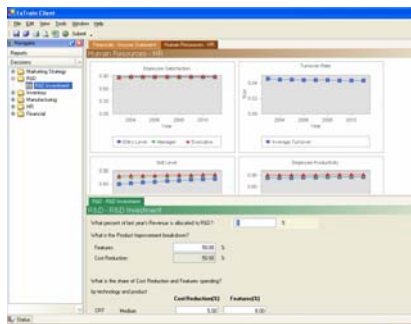


ExTrain™



Serves as a tool for training and communication of the strategic planning process



We help you imagine, create, experience, and manage the future of your business before it even arrives.

Stay on the right track with ExTrain®

Prepare to Succeed with ExPlan®

ExTrain™ is designed to help you deliver strategic decision-making simulations for either management training or strategy communication. This enables participants to run an organization in a risk-free simulated operating environment. The product can help you to:

- Host multiple participants within the same simulation environment in both a facilitated and user-run mode.
- Deploy war-gaming models that integrate the decisions of multiple participants in competition-based simulations.
- Facilitate and mentor participants through the use of high-level analysis tools.
- Deploy training simulations to participants across the room, company or the world via a web-based architecture.

ExTrain™ is built using Microsoft .NET and utilizes a number of .NET's key technologies to deliver robust and scalable applications that can be deployed in a number of scenarios from single systems to multiple servers. All programs are Windows Forms applications that can be delivered and easily maintained over the web without the user of a browser. This provides the end-user with a rich, interactive experience while also centralizing data management and simulation execution.

The SurfSim interface displays a complex dashboard with multiple components:

- Navigation Menu:** Includes sections for External Events, Market, R & D, Manufacturing, Service, Facilities, Company, Capital Structure, and Compensation.
- Charts:** Multiple line and bar charts showing sales by technology (e.g., Sales by Technology - CPU, Sales by Technology - Storage & Clean) over time.
- Financials - Cash Flow Statement:** A detailed table showing cash flows in USD for various categories like Accounts Receivable, Accounts Payable, and R&D Expenses.
- Introduction:** A text box providing context for the simulation, mentioning strategic and tactical decisions.
- Overall Dynamics:** A circular flow diagram showing the relationship between Product Availability, Tool Performance, Product Attractiveness, Price, Sales, Revenue, R&D Spending, COGS Reduction Investment, COGS per Unit, and Product Cost.
- Company - Capital Structure:** A table for inputting financial data such as ST Debt Issuance, LT Debt Issuance, and Cash.

Develop and deliver your strategic decision-making simulation models on customized platforms

# Leadership & Management Training

- War Game Simulations for hands-on training.
- For planners and decision makers: Strategic visioning workshops suitable for senior-level executives as well as managers in operations, budgeting, resource allocation, finance, HR, etc.
- Leadership development for managers to build their leadership capacity, enhance business acumen, and gain a more cross-functional and enterprise-level view.

# Simulation-based Scenario Planning

- Allows managers and analysts to project future changes in the organization in order to design policies to cope with strengths, weaknesses, opportunities and threats.
- Experiment with alternative strategies in a risk-free simulation environment in the form of a comprehensive custom computer simulation model of your business structure, strategies, and industry environment.

# Business Simulation Creation

- Consulting: custom business simulation development by Powersim Solutions consultants
- Software: Powersim Studio™ - system dynamics modeling software - to build your own models
- Training Workshops: learn to create business simulations with Powersim Studio™

| Powersim Solutions Computer Simulation Development |                  |                     |   |  |
|--|------------------|---------------------|---|--|
| Conceptual Model                                   | Simulation Model | Simulation Behavior | Application Integration: Desktop or Web App |  |
|  |                  |                     |   |  |

**Powersim Solutions** is a leading simulation-based management consulting and technology services company based in Washington D.C. We work closely with our global clients to help them formulate, authenticate, communicate, and implement strategic-level computer-based simulations.

Powersim Solutions provides active learning workshops using business war games. We run war games for both small and large groups (hundreds of participants).

## Select Clients of Powersim Solutions



a simulation-based strategic solutions company™

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