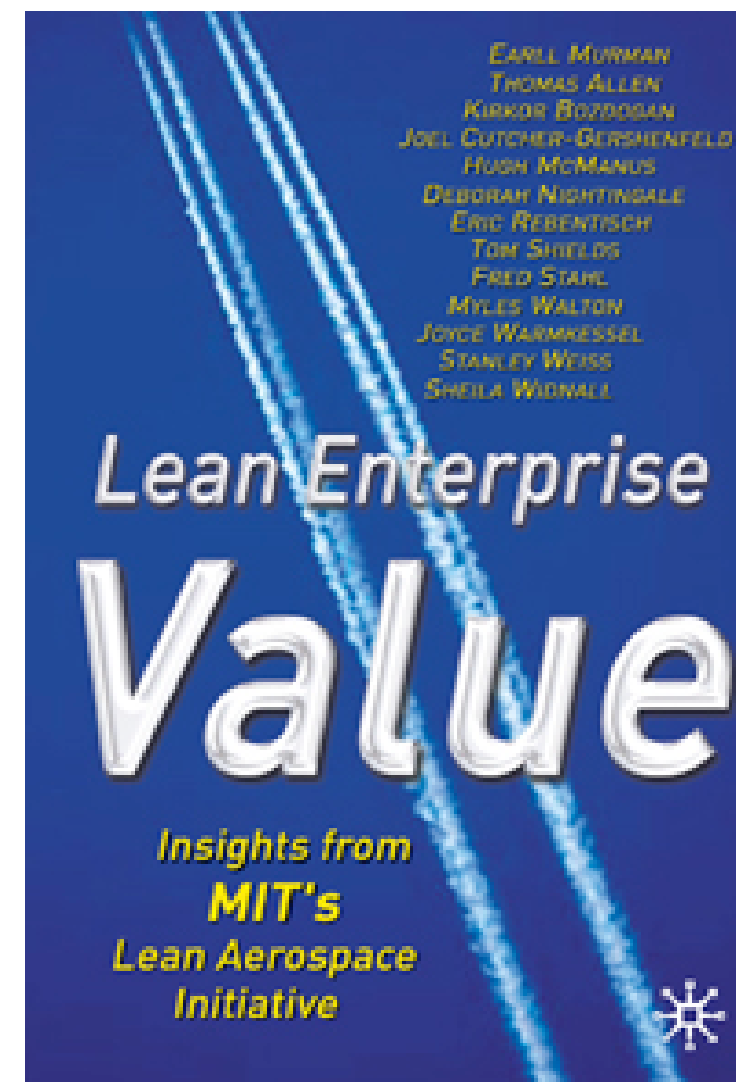


How Can You Train Lean Enterprise Leaders?

Fact Based

- A simulation of a complex aerospace enterprise
- Philosophy draws heavily on 9 years of LAI research and the book *Lean Enterprise Value*
- Content and cases based on LAI member experience
- Integrated with lecture material to provide intellectual basis, tools, and experiential learning



3 Modular Simulations

- Manufacturing Game
- Supplier Network Game
- Product Development Game

1 Training System

- Integrated Enterprise Game

Designed for minimum complexity given *advanced* lean lessons

“The Game”

Lean Enterprise Value Simulation

What does it do?

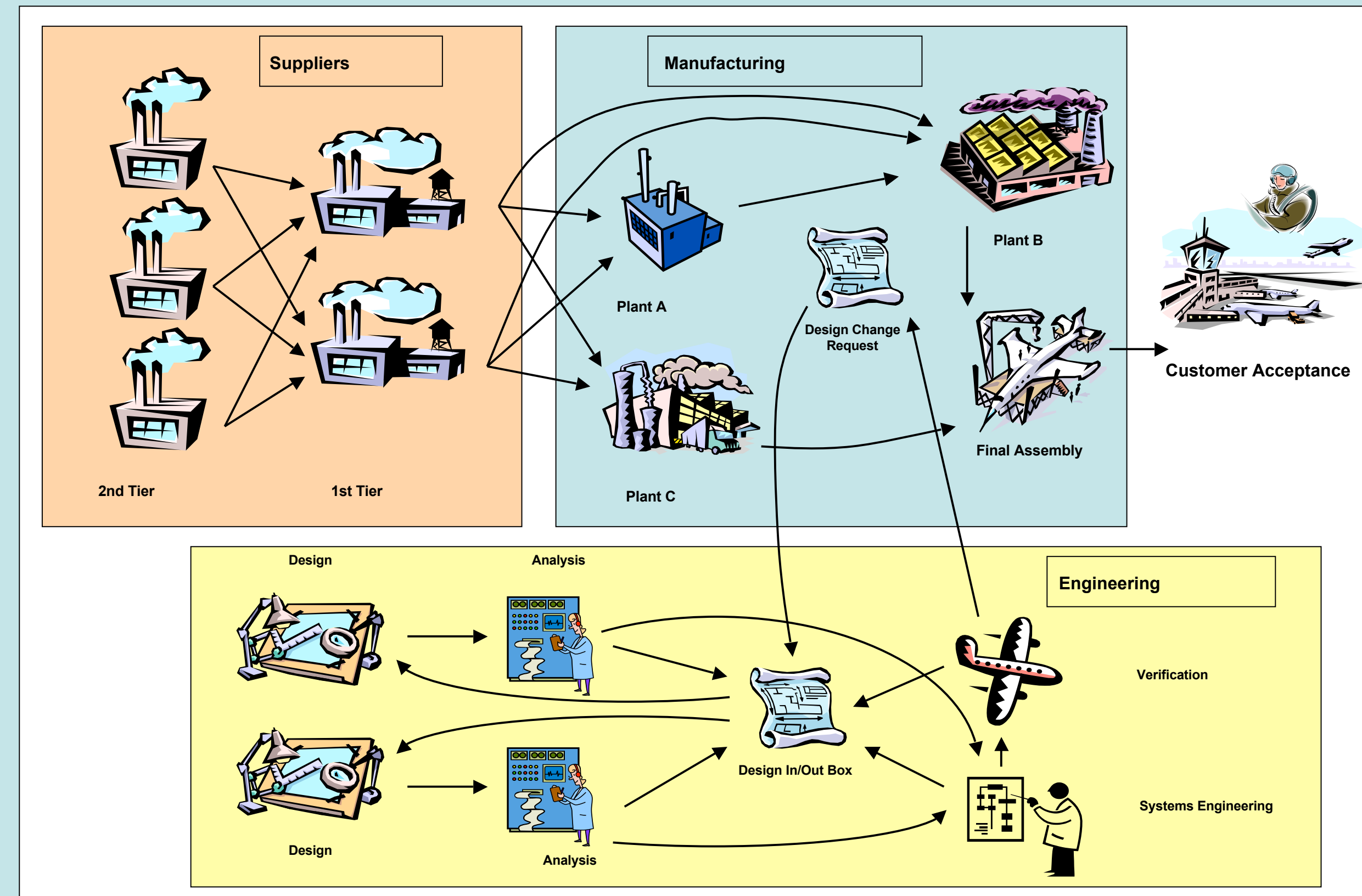
- Teach advanced enterprise lean concepts
- Add tactile and emotive learning modes to reach adult learners
- Provide an simulated enterprise environment to teach lean tools and practices

Who should use it?

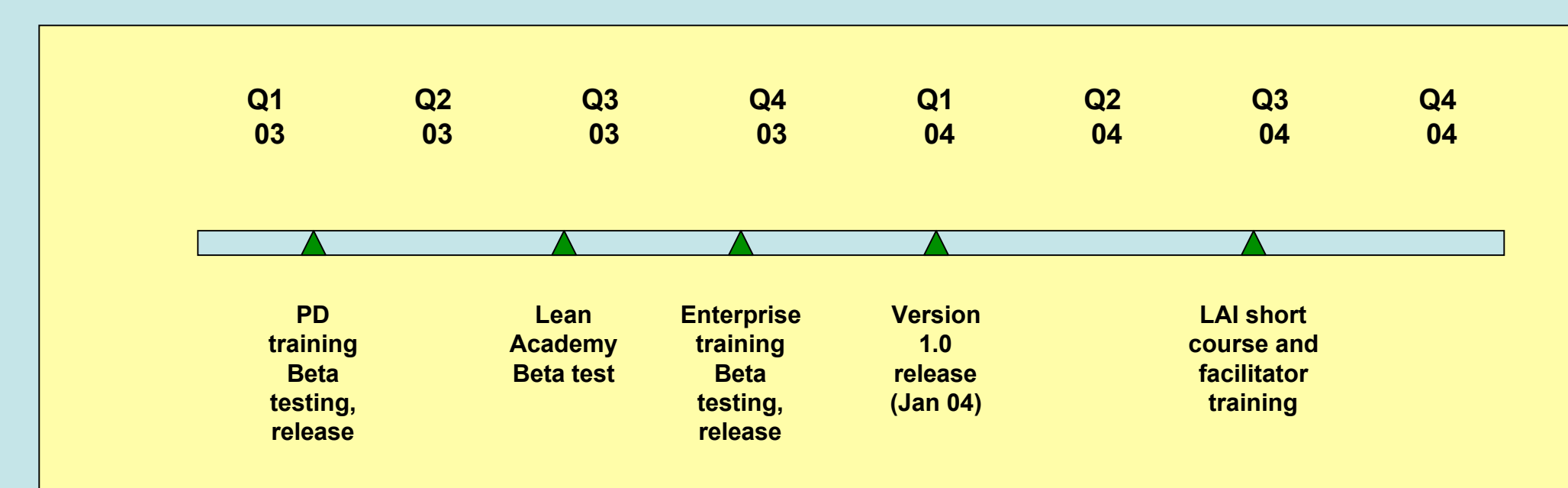
- Engineering, Supply chain, and Operations managers
- Lean enterprise leaders
- Change agents and Lean/6 Sigma experts
- Program managers and team leads

What are the benefits?

- Provides engaging, visceral experience with success by applying lean tools and processes.
- Demonstrates clearly the the power of lean enterprise thinking.



- Recreates a lean enterprise evolution in a classroom
- Design, manufacturing, and supplier network operations in one training simulation—use all or part
- Accommodates customized learning objectives and training material
- For managers, change agents, team leads, and other enterprise leaders



Action Oriented

Tested and Deployed!

- In developmental testing and deployment now
- Lean Basics Academy (mfg game) *Rolls Royce*
- Lean Engineering Training (PD game) *Boeing, Global Hawk*
- Lean Enterprise training (full game) *Raytheon*
- Ready for 1.0 release Jan 04

Deployment Model

- LAI facilitators customize kick-off, train trainers (fee for service)
- Successfully adopted and used for training by consortium members using native facilitators



“Your enterprise game is the heart of the class. It is a wonderful experience. It is close enough to real life to be a good laboratory, yet simple enough to be solved in a constrained period of time.”

Corporate Training Professional

Modular Additions to Game Allow Training for Specific Skills

Advanced accounting system captures and calculates:

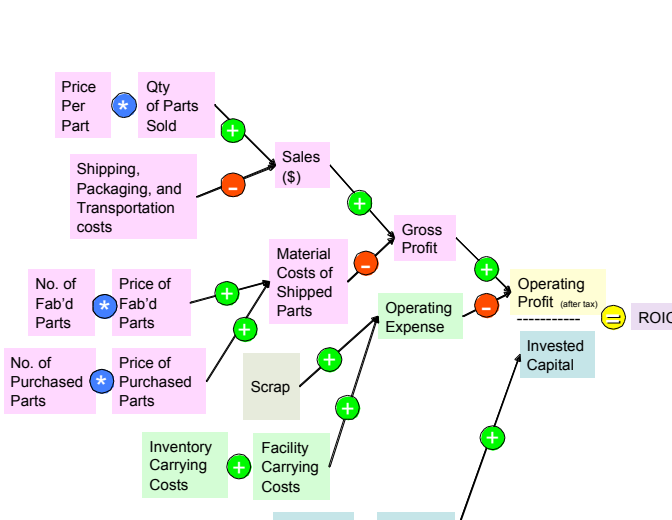
- Process data
- Gross profit
- Operating expense
- Net profit and ROIC

Spreadsheet functions allow “what-if” analysis

- Impact of lean actions on bottom-line metrics
- Payoffs from different improvement strategies
- Magnitude of improvements needed
- Negotiating positions with enterprise stakeholders

Finding Capacity and Constraints

Return on Invested Capital Accounting



Evolving game lessons tied to process maturity levels

