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Supply Chain & Project Management Experts

Consulting & Training

FLOW
SIMULATION GAME

DD version

Have fun and learn

INFORMATION FLOW

PHYSICAL FLOW

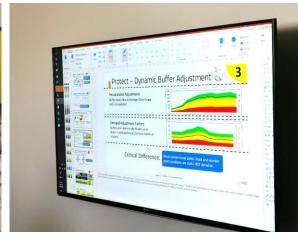You will play the role of the "Manufacturer"

FLOW SIMULATION GAME

Digital Supply Chain

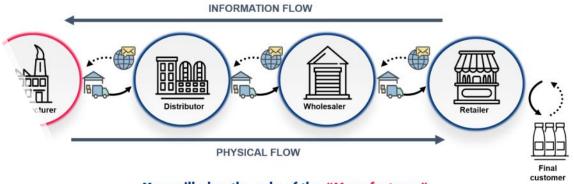Digital serious game to simulate on line a Supply Chain !

It's a role simulation game, where participant have to manage a digital Supply Chain by :

- Deliver the customer orders
- Order to suppliers
- Manage inventory level
- Get the lowest costs
- Manage buffer parameters

Logistic :

4 teams from 2 to 4 players (16 players max).

2 teams with DDMRP method and 2 on MRP2 model to compare the 2 methodologies.

The pitfalls of conventional planning

Experience multi echelon forecast driven planning and its consequences on service, inventory, supply chain costs

Real-time access to KPIs

The first Digital Demand Driven Serious game

User friendly

Easy and fun to play

Validated by Demand Driven INSTITUTE ™

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Digital - Online

Online solution – for smartphone, tablet and laptop use
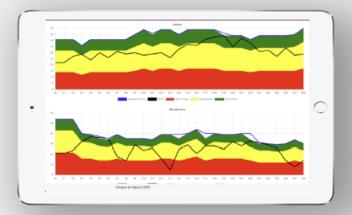

DDMRP specific functions

Mode DD activé

Playful acquisition of the DDMRP fundamentals !

- The bullwhip effect in conventional mode
- DDMRP Buffer positioning along the supply chain nodes
- Buffer sizing
- Net flow equation
- Dynamic buffer adjustment
- Variability dampening
- DDMRP longer range simulation

Need to be DDP instructor to moderate a DD digital beer game session

The first Digital Demand Driven Serious game

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Organisation for 1 game session

> 8 to 16 players (optimal 12people)

> 4h session duration
- Introduction to DDMRP (1,5h)
- Game session normal simulation game (1h)
- Game session DDMRP (40min)
- Feedback and conclusion (30 min)

> All material should be provided by the instructor

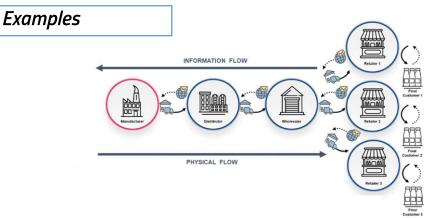*Example of a Beer Supply Chain*

Customized to your Supply Chain

Adjust supply chain settings

Examples

Customize the game

Match your company's Logo, nodes names, colors

Adjustable parameters

- Leadtime between nodes
- Initial inventory
- Buffer sizes

Demand patterns

- Constant value
- Random between 2 values
- Personalized (Excel import)
- Random variability (%)

Creation of complex supply chains

- Up to 3 suppliers or customers per node
- Multiple demand signals

Multilingual

- English, French, Spanish, other languages on demand

On site or Remote sessions

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Workshop example
10 people

*Workshop example
10 people*

FLOW SIMULATION GAME

By **agilea**

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