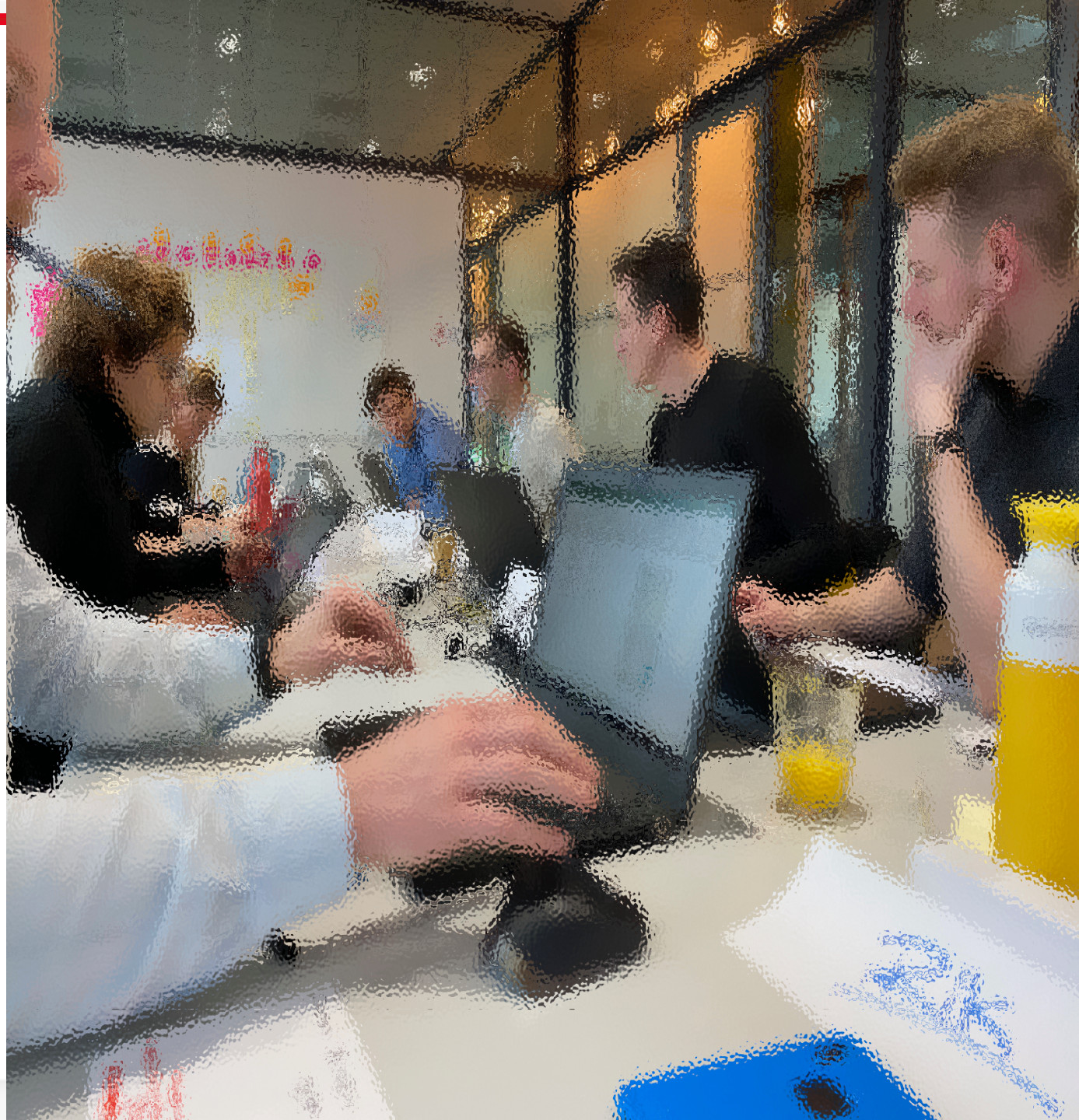
sims

Performance Excellence,
with
Endless Possibilities



ABOUT PI-SIMS:

PI-SIMS IS FOCUSED ON DELIVERING WORLD CLASS SIMULATIONS.

WE STAND FOR PERFORMANCE EXCELLENCE (PI) WITH ENDLESS POSSIBILITIES (Π).

Pi-sims Was Created To Bring Performance Excellence Training Into The 21st Century. The Foundation Is Built On 3 Key Principles:

- Modernization Of Non-digital Classroom Training Methods
- Gamification Of Current Training Methods
- Offering A More Global (Remote) Scheme For Traditional Classroom Training

We make them fail .....

in order to make them learn

ABOUT DEL-SIM:

Pi-sims Brought The First Lean Six Sigma Simulation On The Market In This Format. There Is No Other. Our First Game Is Called Del-sim. Del-sims Stands For Delivery Simulation

Del-Sim Is Designed To:

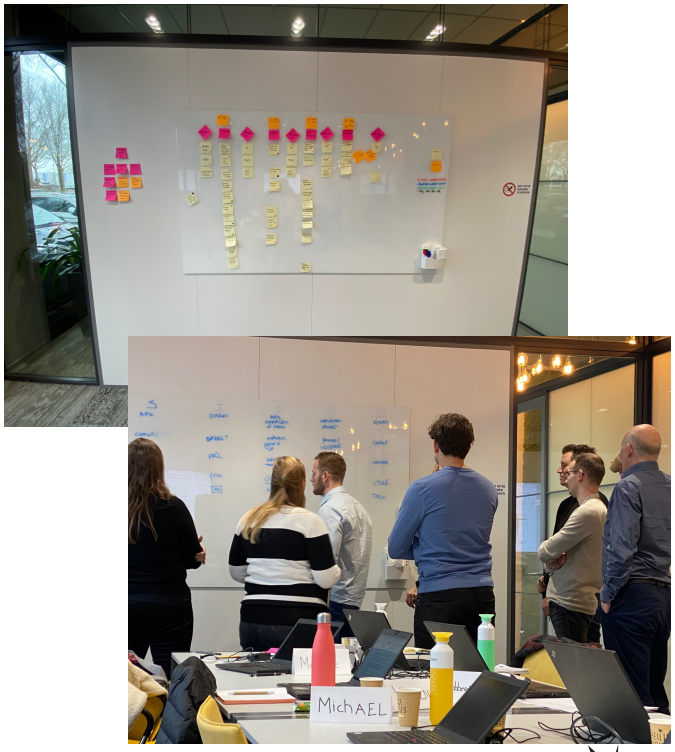
- ❖ Simulate A Delivery Process With Built In Challenges (Hidden Rocks)
- ❖ Offer Players The Opportunity To Execute Jobs Within A Process (Digitally)
- ❖ Give Players Hands On Experience In Real-time Without Corporate Risk
- ❖ Offer Simultaneous Training With Players Across The Globe
- ❖ Generate Real-time Kpi's And Data For Analysis
- ❖ Engage Participants By Turning Training Into A Challenging Game

DEL-SIM GAME GOALS:

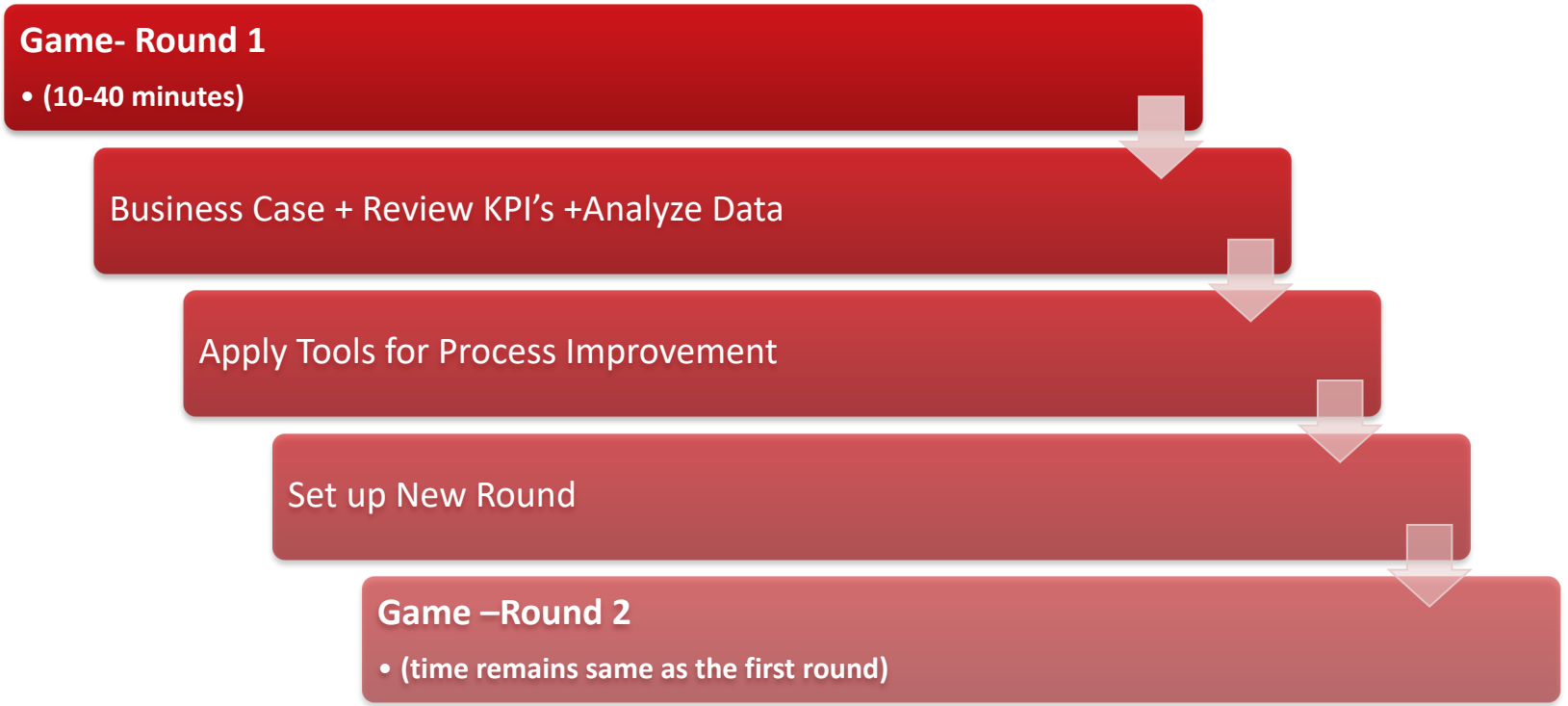
Del-Sim's Intended Outcome Is To Lead Your Team Down A Path Of Efficiency. Through Playing The Simulation, Your Students Develop An Astute Eye For LEAN And The Methods Around It.

This Simulation Is Intended To Develop The Following Skills:

- Team Building
- Structured Improvement Discussions
- Mapping Out Processes
- Identifying Bottlenecks
- Analyzing Data (And Acting On The Information)
- Task Flexibility
- KPI Improvements & Winning



DEL-SIM SIMULATION PROCESS FLOW:



Analyze Round 2 Data & Review KPI's

Drill down on Core Issues

Additional Data Analysis

Set up New Round

Game –Round 3

- **(time remains same as the first round)**

ADVISED LEAN TOOLS PER ROUND

TOLLGATE REVIEW DELIVERABLES
(After First Round)

- Business Case
- Sipoc
- Financial Tree
- Pareto On Losses
- SMART Goal And Expected Financial Effect Of The Project
- Macro Map Of The Process

TOLLGATE 2 DELIVERABLES
(After Second Round)

- VSM “As Is” For The Whole Process (Built On The Top Of Macro Map)
- Process Flow Diagram For Quality Check
- Demand Analysis And Takt Time Calculations
- Cycle Time Analyses
  - Averages - Required
  - Variations (Optional)
- Balance Chart Of Takt Time Vs. Cycle Times
- Scale Accuracy Vs. Demanded Weight Comparison (MSA)
- Sigma Level Of On Time Delivery CTQ - Optional

ADVISED LEAN TOOLS PER ROUND

TOLLGATE 3 DELIVERABLES
(After Third Round)

- VSM “To Be ” For The Whole Process
- Traffic Vs. Direction Vs. Round Time Analyses – Optional (Multi-vari Chart)
- Updated Balance Chart Of Takt Time Vs. Cycle Times
- Statistical Analysis Of Pilot Results – Optional
- Impact On Average Cycle Times And Kpis Before – After – 2 Sample T-test
- Prediction Of Profits For The Next Round
- Mistake Proofing On Process Kpis
- Control Plan With Control Limits For All Process Kpis

TOLLGATE 4 DELIVERABLES
(After Fourth Round)

- VSM “To Be ” For The Whole Process – Required
- Traffic Vs. Direction Vs. Round Time Analyses – Optional (Multi-vari Chart)
- Updated Balance Chart Of Takt Time Vs. Cycle Times – Required
- Statistical Analysis Of Pilot Results – Optional
- Impact On Average Cycle Times And Kpis Before – After – 2 Sample T-test
- Prediction Of Profits For The Next Round - Required
- Mistake Proofing On Process Kpis - Optional
- Control Plan With Control Limits For All Process Kpis - Optional

COMPANY BENEFITS

- **Global** – Multi-languages Available And They Can Be Used Simultaneously Thus Giving Staff Across The Globe Easy Access And The Ability To Work As A Team
- **Remote** – Can Be Played Anywhere (Provides Travel Cost And Time Savings)
- **Flexible** - Class Size Can Range Between 6 -15 Players, There Is Even More Flexibility In These Numbers But These Are Ideal For Participant Benefit
- **Quick To Start** - Easy Set-up For Any Number Of Players And Teams With The Ability To Alter And Change Roles During Multiple Rounds Of Play
- **Complimenting** - Built To Work Effectively With A Wide Array Of Internal Trainings
- **Data Driven** – Wide Variety Of Downloadable Data For Analysis Including Kpi's And Kpi's
- **Engaging** - Winning Requires Much Effort And Skill With Multi-layered Built-in Inefficiencies And "Hidden Rocks"

Performance Excellence Simulations with Endless Possibilities

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