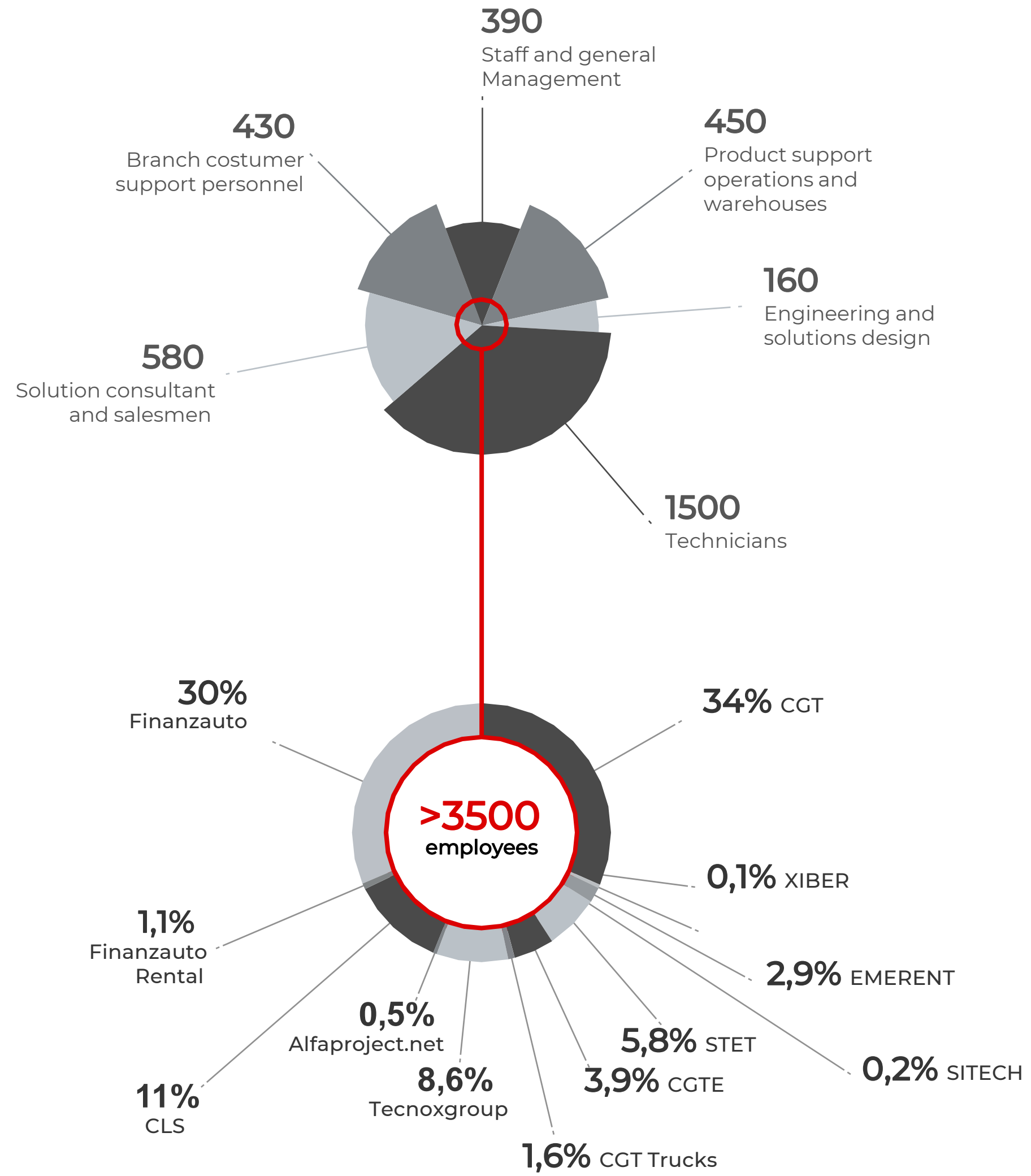


Virtual Commissioning of an Automated Logistic plant with Optimized WMS

powered by  imation



Mattia Bersani
Mohammad Bahrami



Who we are

100+

installed solutions

50+

active plants

40+

specialized engineers

600+

Contacted production plant

6+

branches in Europe

5+

Business lines

imation

Automate Your Way to Lean





PEPSICO

2023 case study





A new case study

Customer Needs



EOL Logistics

Streamline the transportation of goods to the wrapping machine



Palletization

Optimize and flexibilize the palletization process for increased efficiency



Pallet Stacking

Automate pallet stacking and enhance the wrapping process to ensure a seamless and



Our Solution



EOL Logistics

/ **AMRs**

Optimize End of Line (EOL) material handling



Palletization

/ **Cobots**

Automates precise palletization



Pallet Stacking

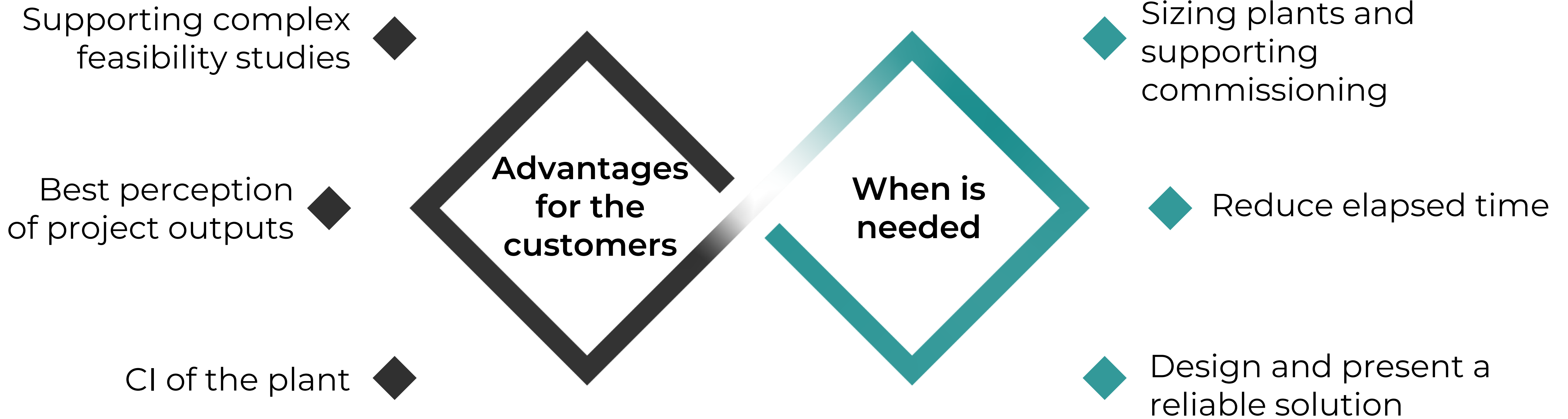
/ **Stackers**

Ensures systematic pallet stacking and destacking

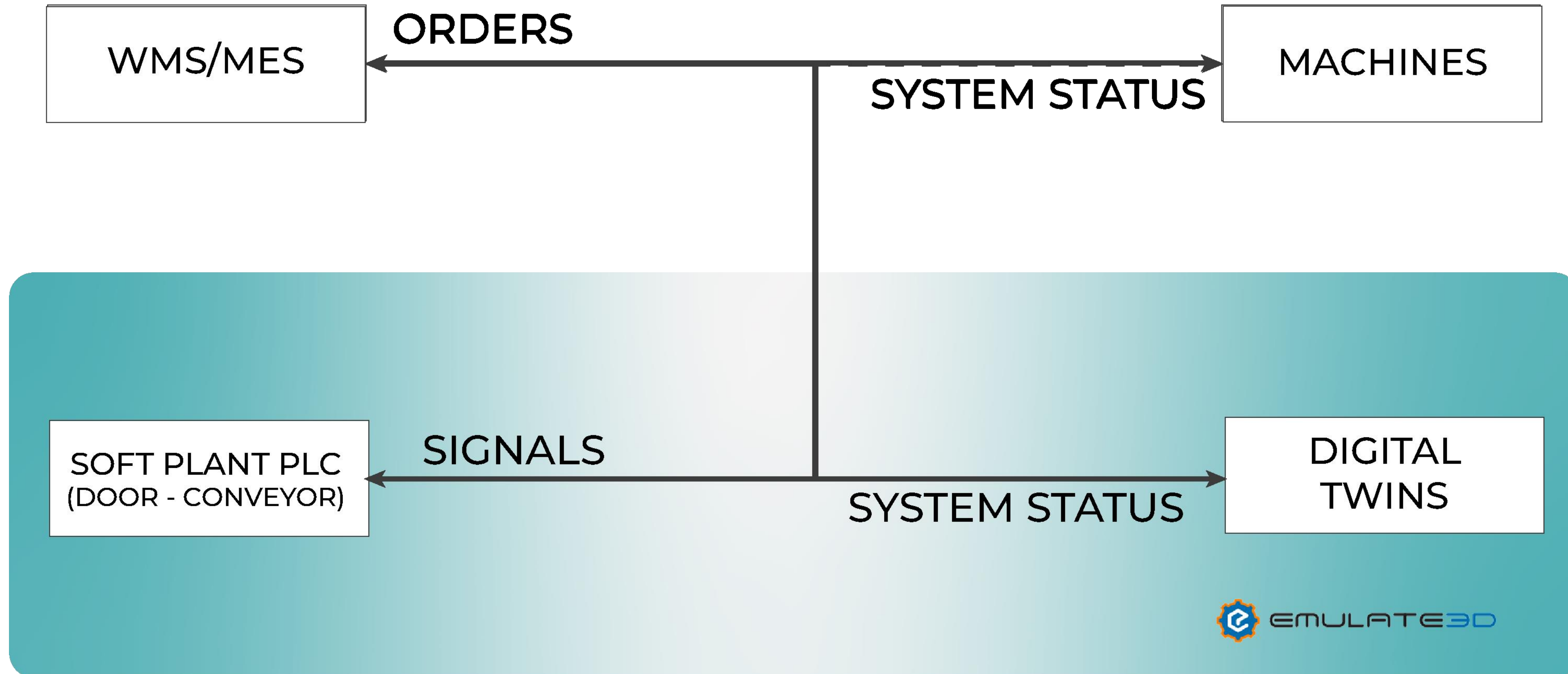
❖ How we made the difficult easy



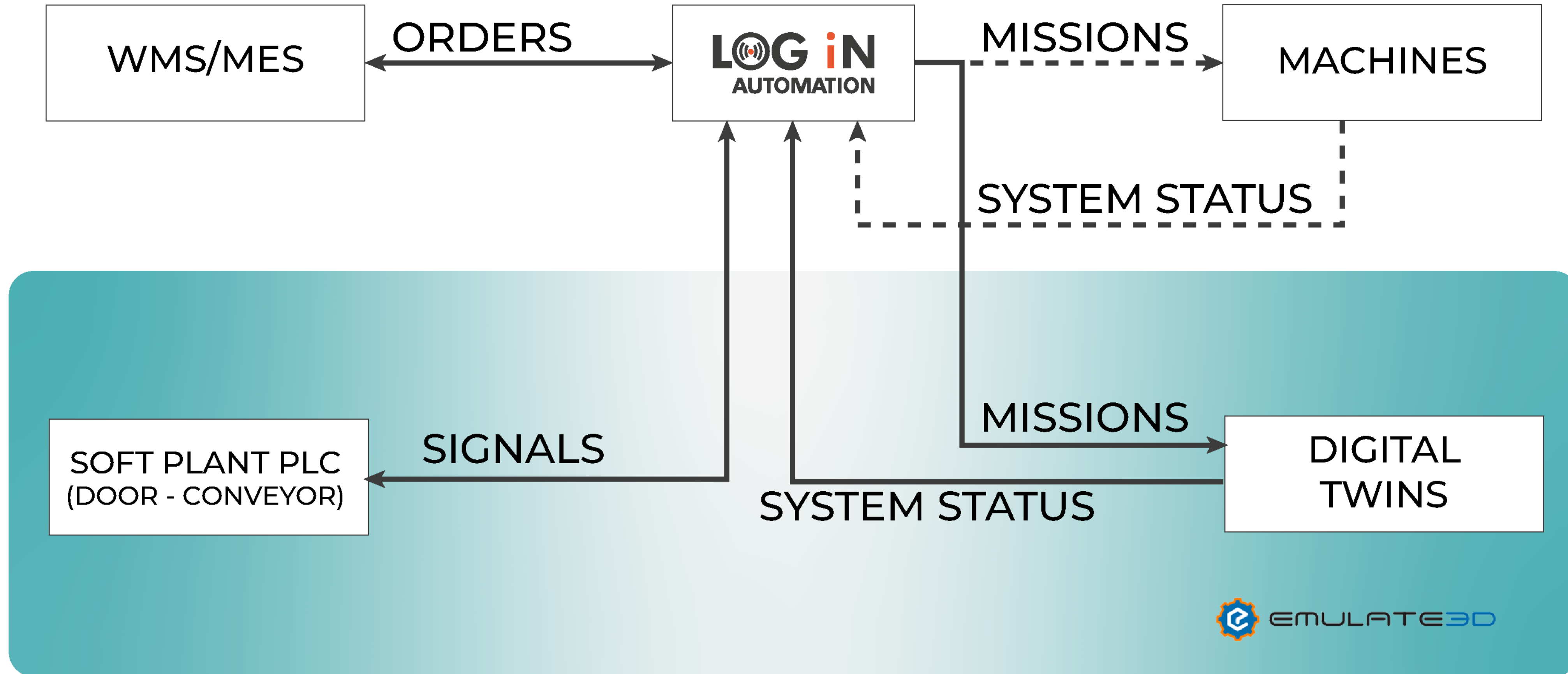
❖ Importance of Emulate3D

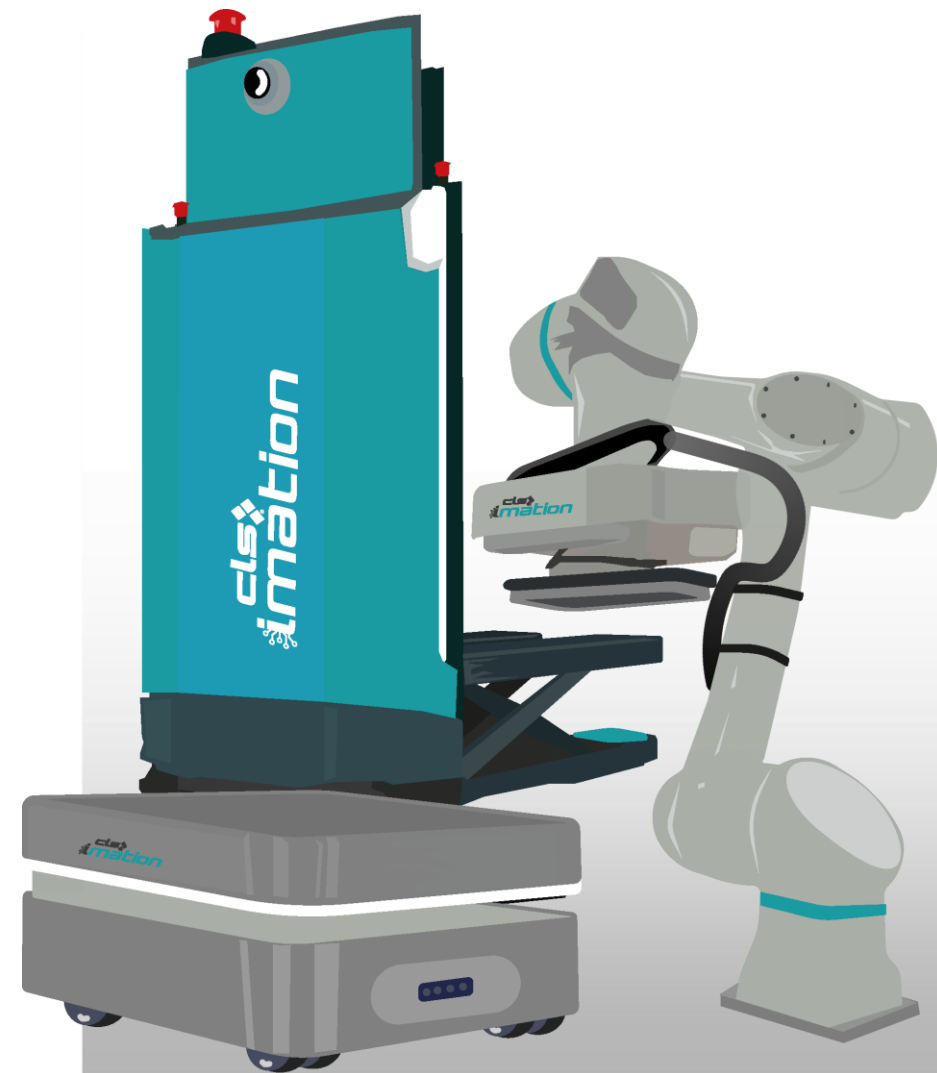


Virtual Commissioning structure

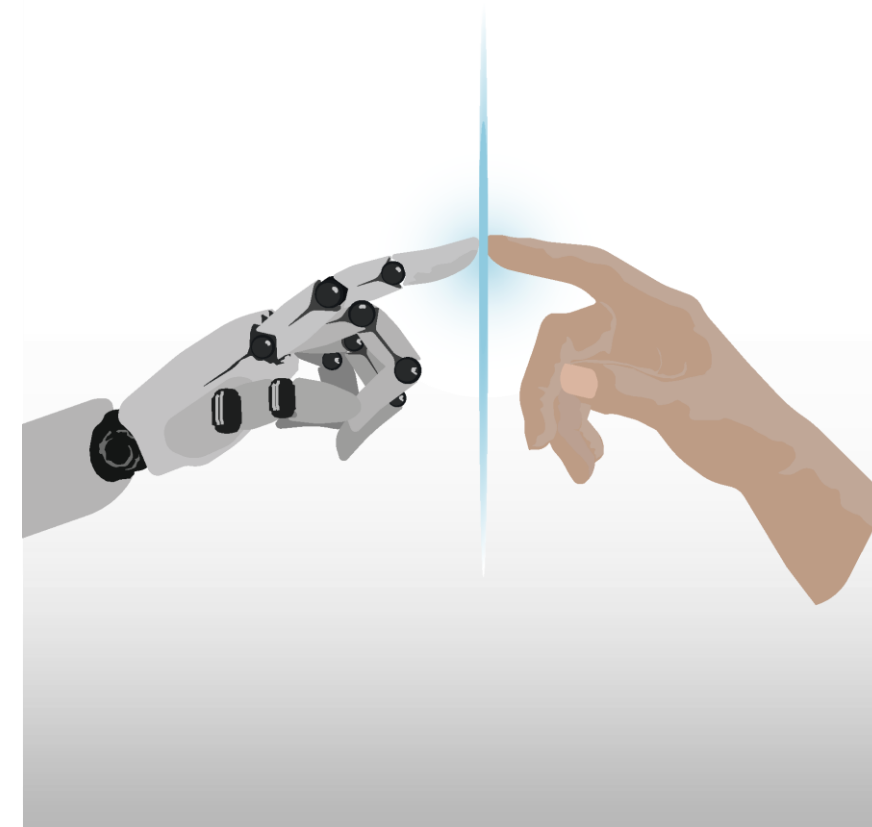


Virtual Commissioning structure





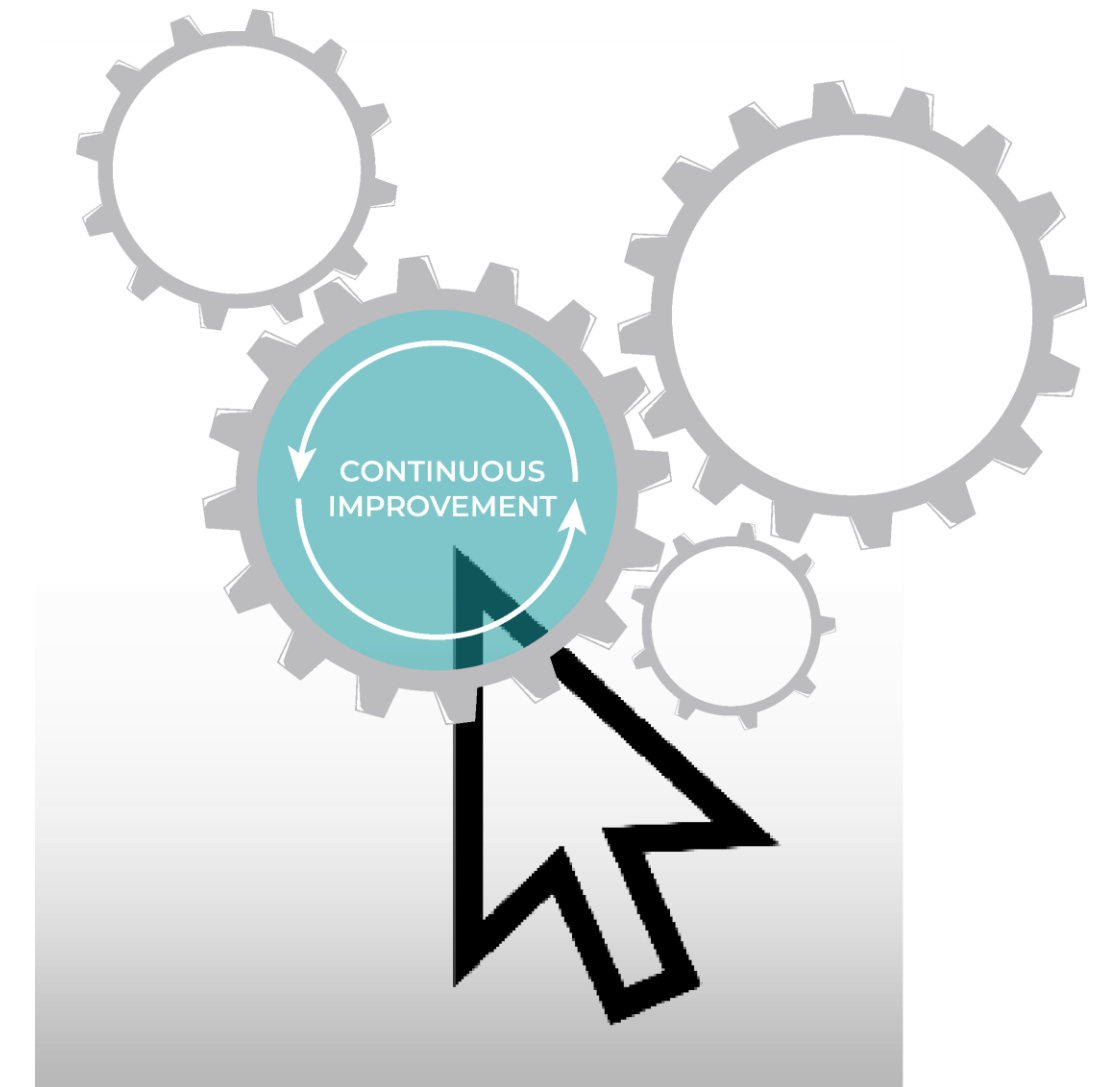
Interoperability



Flexibility



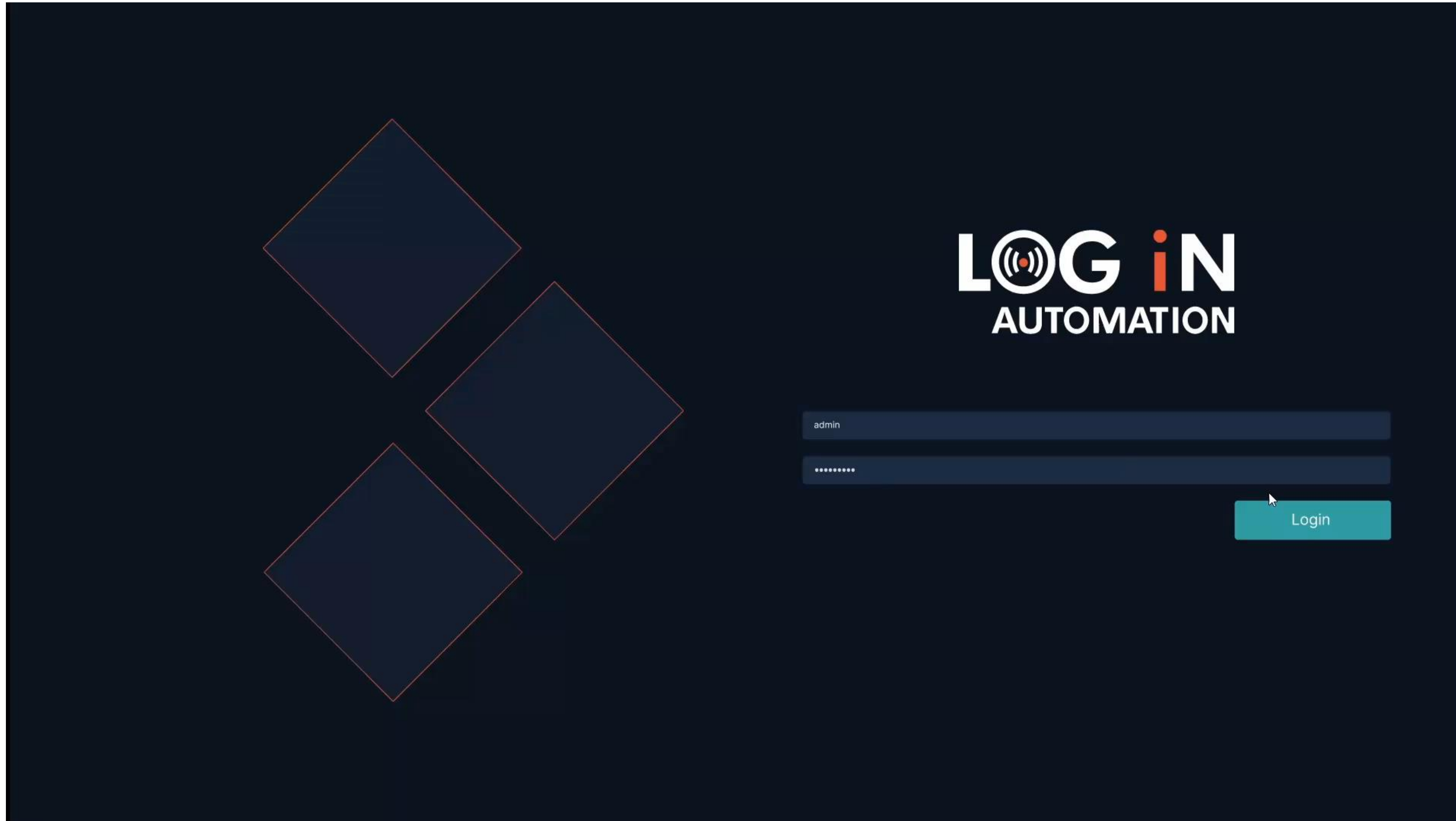
Monitoring



Kaizen



Virtual Commissioning with Login Automation



Customer's Benefits

Operational Efficiency and Productivity:

Streamlined workflows and automated processes leading to reduce time and man power in lower added value tasks

Fault Reduction:

Enhanced precision and systematic processes contribute to a significant reduction in errors and inconsistencies



Adaptability and Flexibility:

The integrated solution offer adaptability to changing production needs, ensuring flexibility in handling diverse scenarios



Thank you



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