

Smart Chain

Leveraging Digital Twin models to enhance decision-making, increase efficiency, and mitigate risks

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Leveraging Digital Twin models to enhance decision-making, increase efficiency, and mitigate risks



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Agenda



- 1. Digital Twin Introduction**
- 2. Example Demos**
- 3. Interactive Activity – Challenges**
- 4. Customer Case Studies**
- 5. Simulation**
- 6. Interactive Activity – Quiz**



Introduction



Digital Twin

An Optimization & Decision Cockpit for Your Supply Chain

Digital Twins...

- ... are a **digital replication of your supply chain**
- ... support decision making in **tactical & strategic time horizons & identify optimization potential**
- ... enable **data driven decisions** to reduce cost, improve service or react to demand / supply changes

Benefits



Better & Faster Decisions

- Fast scenario modelling (hours, instead of days)



Transparent Trade-offs

- Cost vs Service
- Inventory Availability vs Transport Spend



Lower Risk, Higher Confidence

- Stress test scenarios (demand swings, regulatory changes, disruptions,...)



Holistic Value Creation / No Silos

- From Strategic Design to Tactical - Identification of optimization opportunities (WH Footprint, Inventory, Transport Network, Asset utilization)



Digital Twin

Where LLP Uses Digital Twin

