

# Process mining – supply chain management new horizon

ISCMA 25 – Annual conference

Kfar Saba, ISRAEL

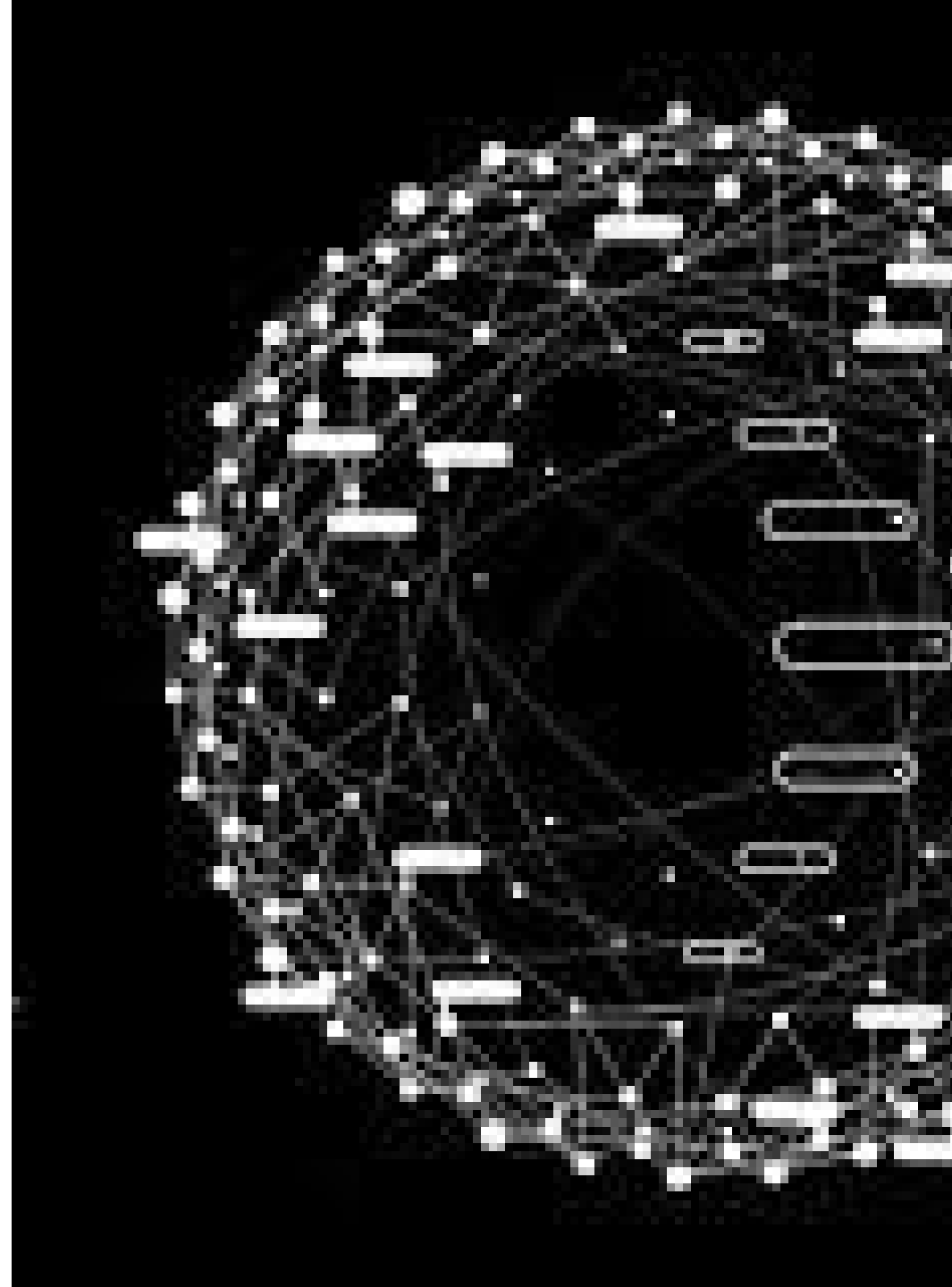
Hosting –

**Peter Budweiser**

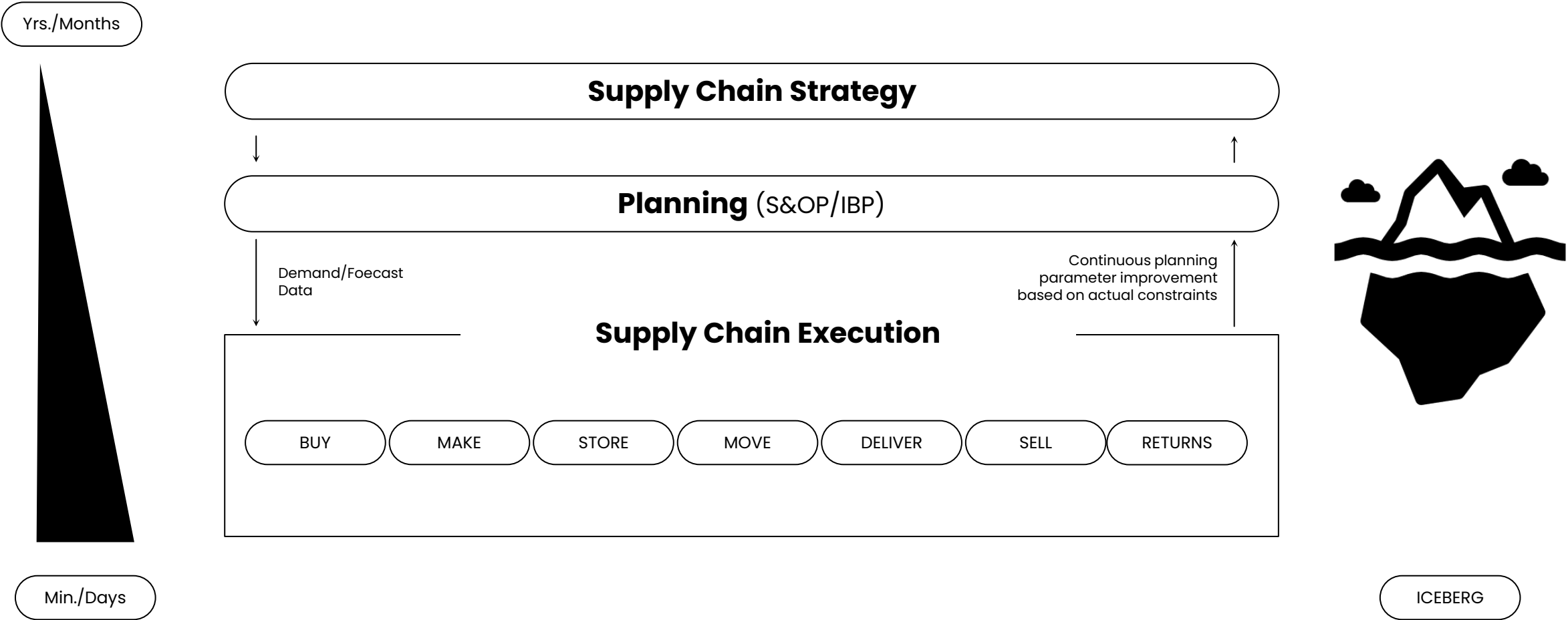
General manager Supply chain **Celonis**

**Rafi Tomashof**

CEO **Programa-Aviv**



# 99% of Demand fulfillment is driven by processes with limited visibility into the actual execution



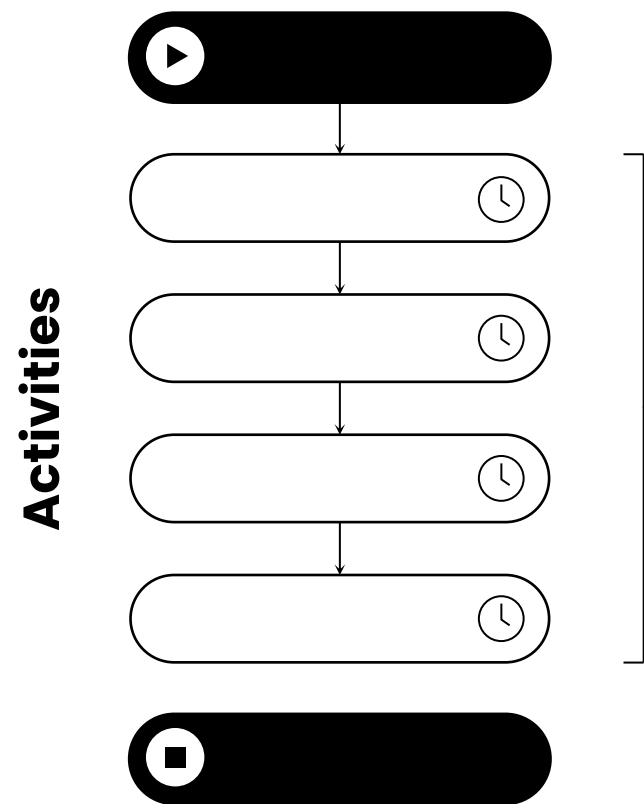
Imagine you could **visualize all** processes at a granular level ...

- Timestamp
- Activity/event
- Unique ID

... like an x-ray



# Process Data - example



Process information is stored in **event logs**

CASE ID	ACTIVITY	TIMESTAMP
101	Create Order	04-29-2020 09:34:55
101	Approve Credit	04-29-2020 10:54:33
101	Create Delivery	04-30-2020 12:34:19
101	Ship Order	04-30-2020 18:54:38
201	Create Order	04-29-2020 09:34:55
202	Change Price	04-29-2020 09:34:55
203	Create Delivery	04-29-2020 09:34:55
204	Ship Order	04-29-2020 09:34:55
N01	Create Order	03-15-2020 11:34:55
N02	Create Delivery	03-15-2020 13:22:57
N03	Change Quantity	03-15-2020 16:34:17
N04	Create Delivery	03-16-2020 02:15:09

# Which actually looks like this

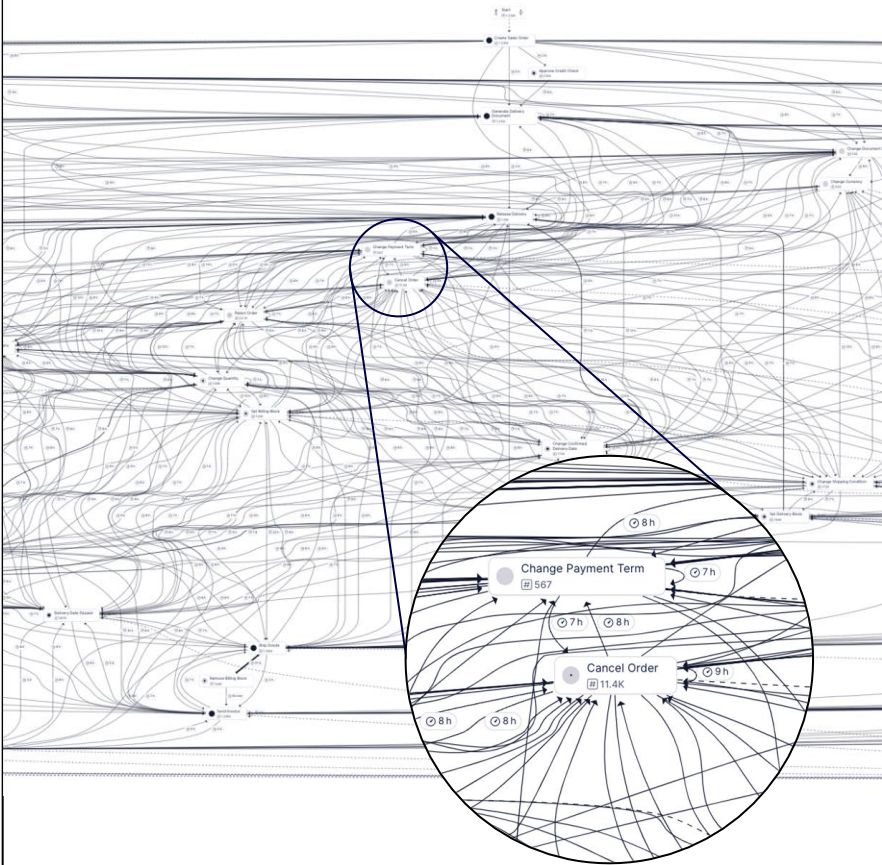
## 01 How the process was designed



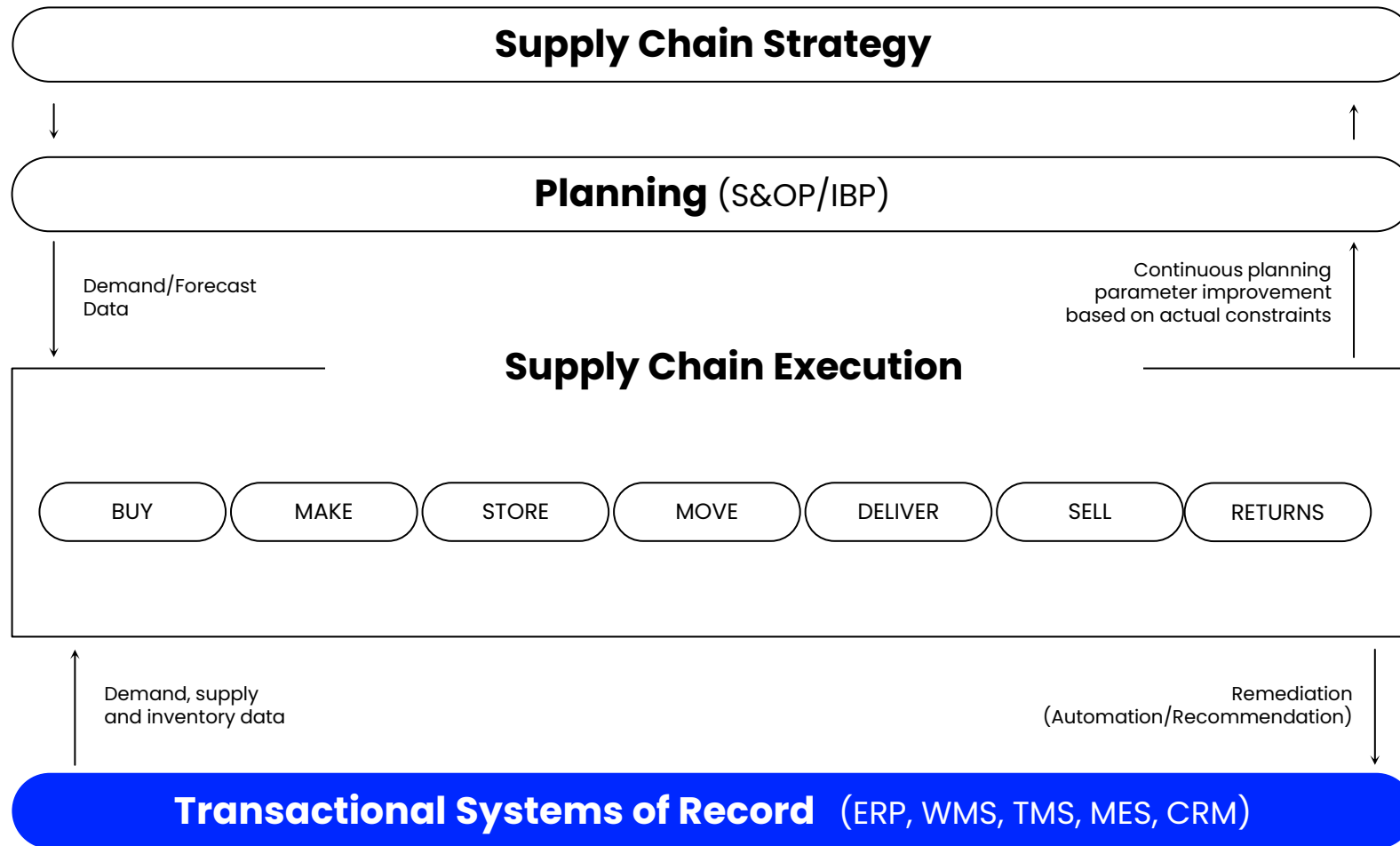
## 02 How businesses think the process runs



## 03 How the process actually runs



# Process mining provides visibility into the complexity across many different functions



- ✓ Process discovery
- ✓ Process conformance checking
- ✓ Process Optimization
- ✓ Data integration
- ✓ Collaboration and sharing
- ✓ Scalability and flexibility
- ✓ Process automation and Intelligence Centre

# Celonis helps uncover value opportunities to drive efficiencies and effectiveness across the supply chain

Process  
Analysis

Process  
Improvement

Process  
Monitoring

Process  
Management

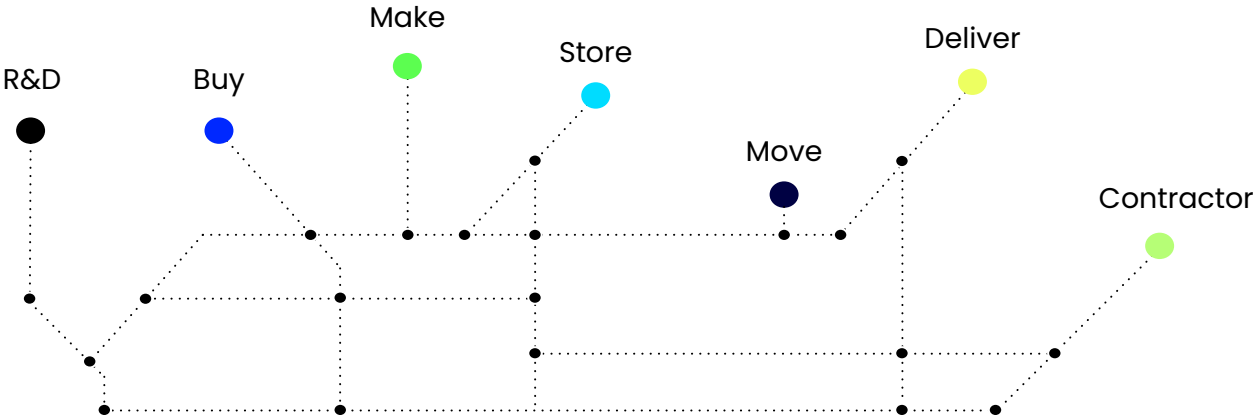
AI

Copilots, recommendations, prebuilt and custom algorithms

Process  
Intelligence  
Platform

Process Digital presentation

Business Context



API

External  
Platforms  
& Solutions

Any Data Source

ERP | Celonis Task Mining | Cloud System | Data Warehouse | Custom App | ...



**Peter, thank you for taking the time and joining us today!**





Thank you  
תודה רבה!