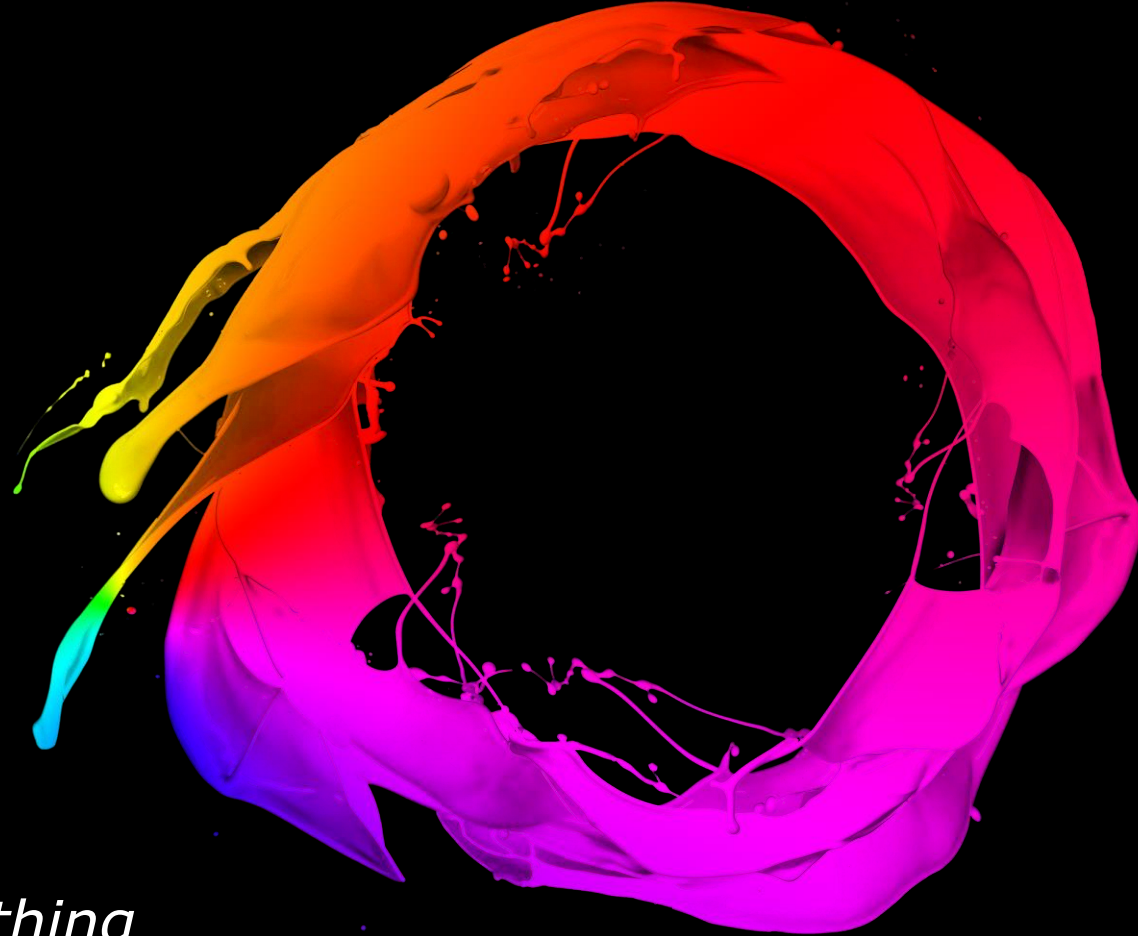




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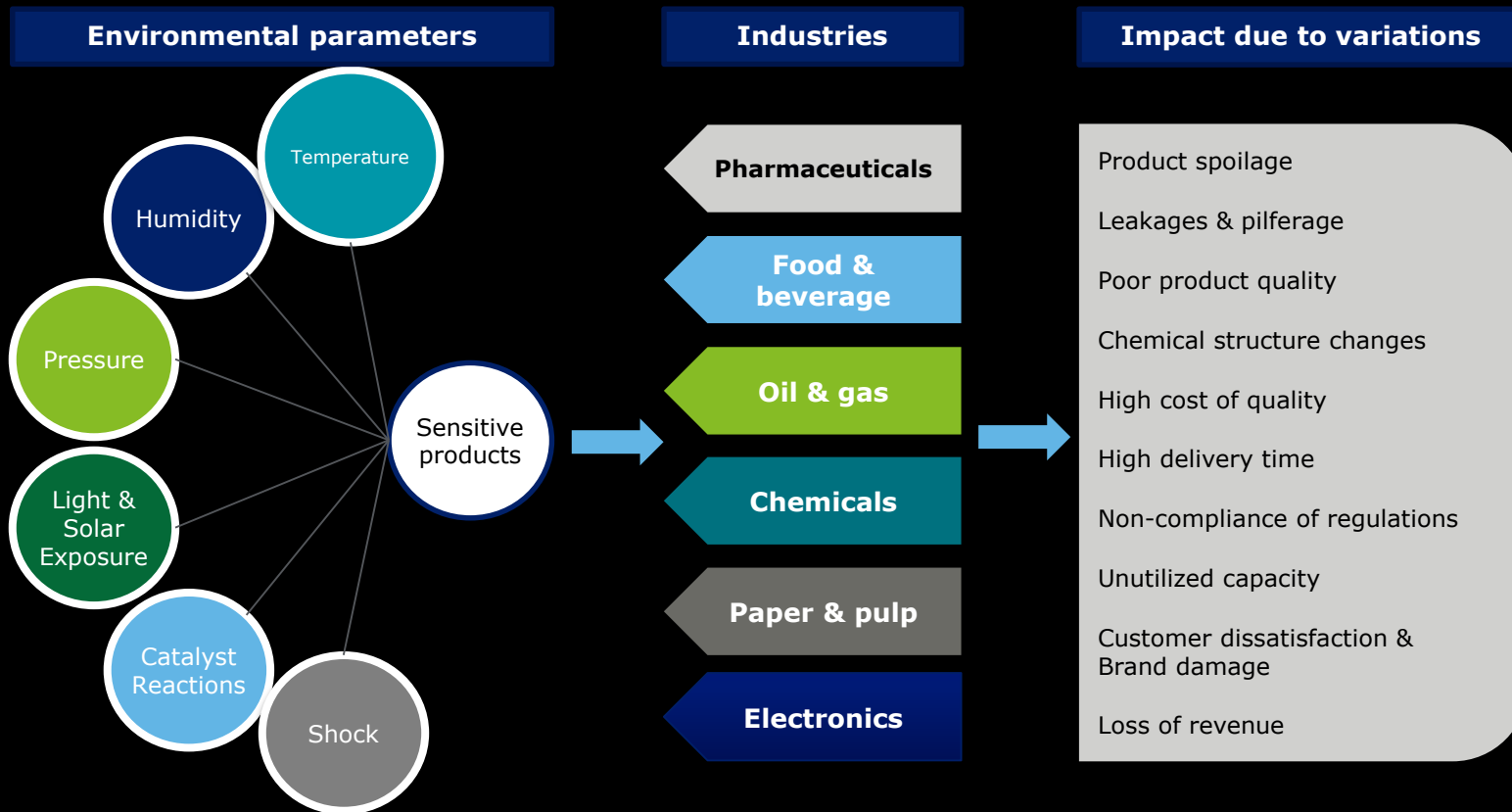


Reimagine *everything*

Handled with care: a next-generation approach to protect goods in transit

Industry impacts and challenges

Losses spread across industries

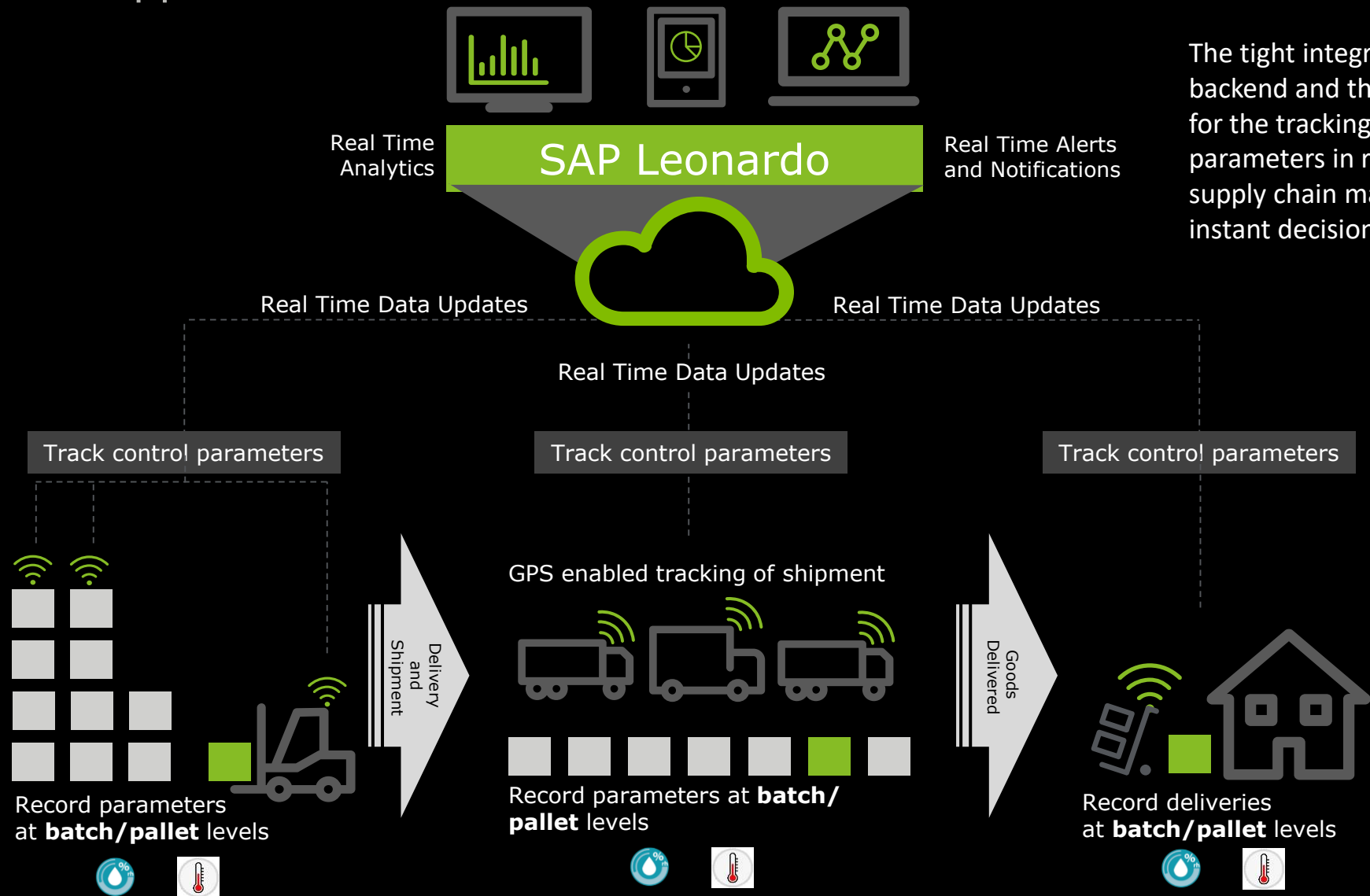


Some industries need a control of some sensible parameters during the transport of the goods. For example the temperatures of the products must not vary outside some threshold values.

The common temperature of a cold chain can be as low as 2 to 8°C. Many other parameters can be captured during the movement of the goods in-house or on the road.

Reimagining cold chain logistics

Use case as it happens

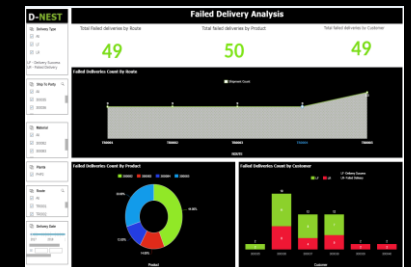
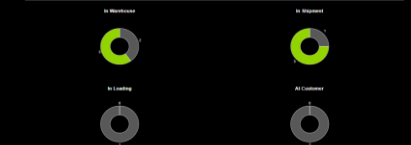
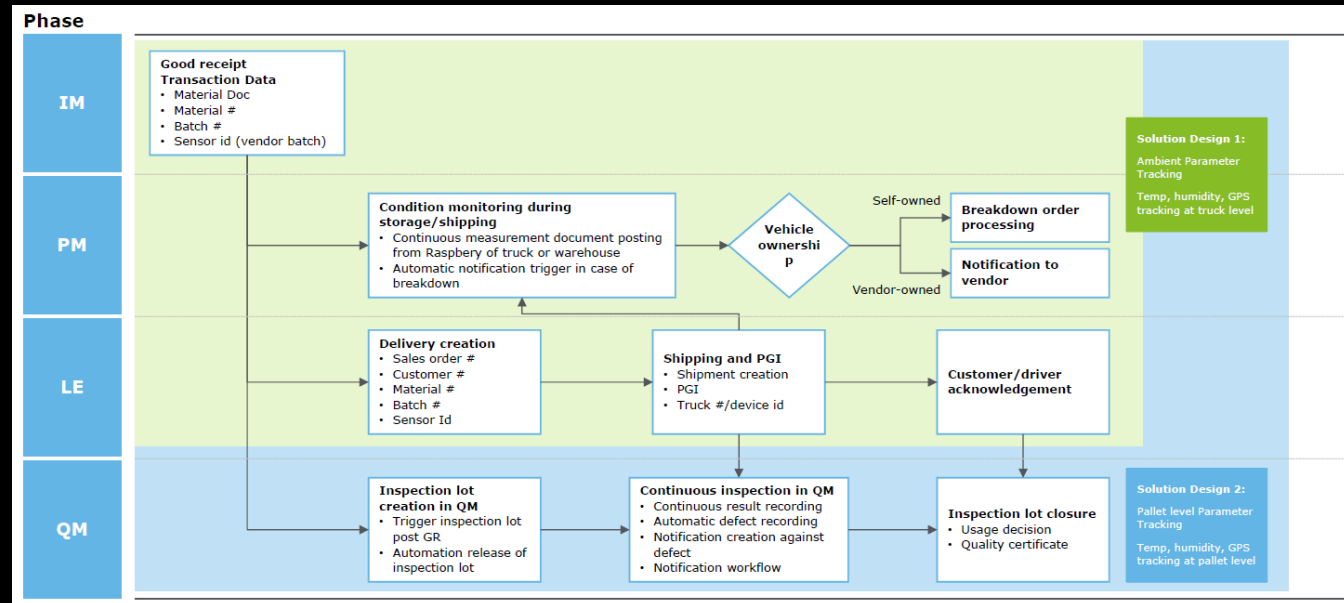


The tight integration between the ERP backend and the IoT platform allows for the tracking and monitoring of the parameters in real time. Allowing supply chain managers for making instant decision based on real insight.

Process Flow

Data are constantly captured in the ERP system from the receipt to the delivery of the goods

The backend process is based on standard features of SAP S/4HANA. It is augmented by some smart business Fiori apps that offers a real-time tracking and health monitoring of the goods in the warehouse and in-transit. Reporting apps cover post-analysis: Failed delivery analysis by customers, Failed delivery analysis by products, Failed delivery analysis by routes.



IOT in Cold Chain – Business Benefits

The most significant benefits from the solution are improved compliance and lower costs



Control Tower View

- Granular visibility into cold chain



Real Time Alerts

- Automated system notifications



Increased revenue recognition

- Improved revenue recognition due to reduced shipment/storage losses



Improved Compliance

- Availability of data for quality records
- Improved support for root cause analysis and investigation



Reduced Operational Costs

- Shorter investigation timeline & reduced RCA costs through readily available information
- Reduced product and logistics' losses

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