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By 2023, at least **50% of large global companies** will use AI, advanced analytics and IoT in supply chain operations.

An international online retailer says monitoring shipments for impacts, tilts and temperature excursions helped it **reduce damage by 90%.**

Studies have shown it is not uncommon for **temperature to vary by 30% or more** within a refrigerated trailer or container.

Leverage sensor data to report critical changes in temperature, humidity or shock

By employing IoT sensors to provide realtime condition monitoring of perishable items, such as food, or sensitive items, such as electronics, producers can improve or extend a perishable's shelf life and reduce spoilage of a shipment.

Deliver new service levels or offerings for customers beyond shipment tracking

Track and trace provides a level of safety to help ensure shipments are secure and authentic. Shipment Monitor provides an additional service level that assures established environmental safeguards are effective and maintained.

Audit supply chain partners for cargo condition service levels

Spot inefficiency patterns and track waste and costly spoilage due to mishandling or out of scope environmental settings. Historical and realtime data can be used to measure partner and system performance.

Extending and enabling the digital supply chain

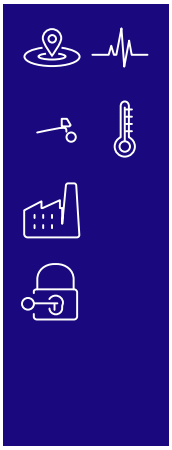

Figure 1: Extending and enabling the digital supply chain

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