

Next Generation Digital Supply Chains

PPI Symposium (09 December 2020)





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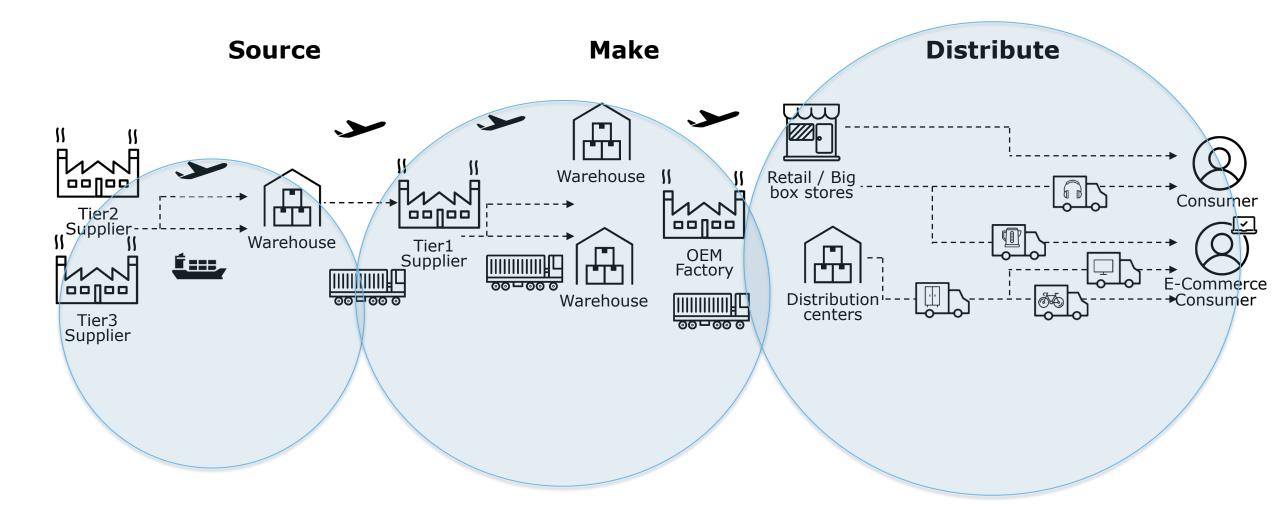


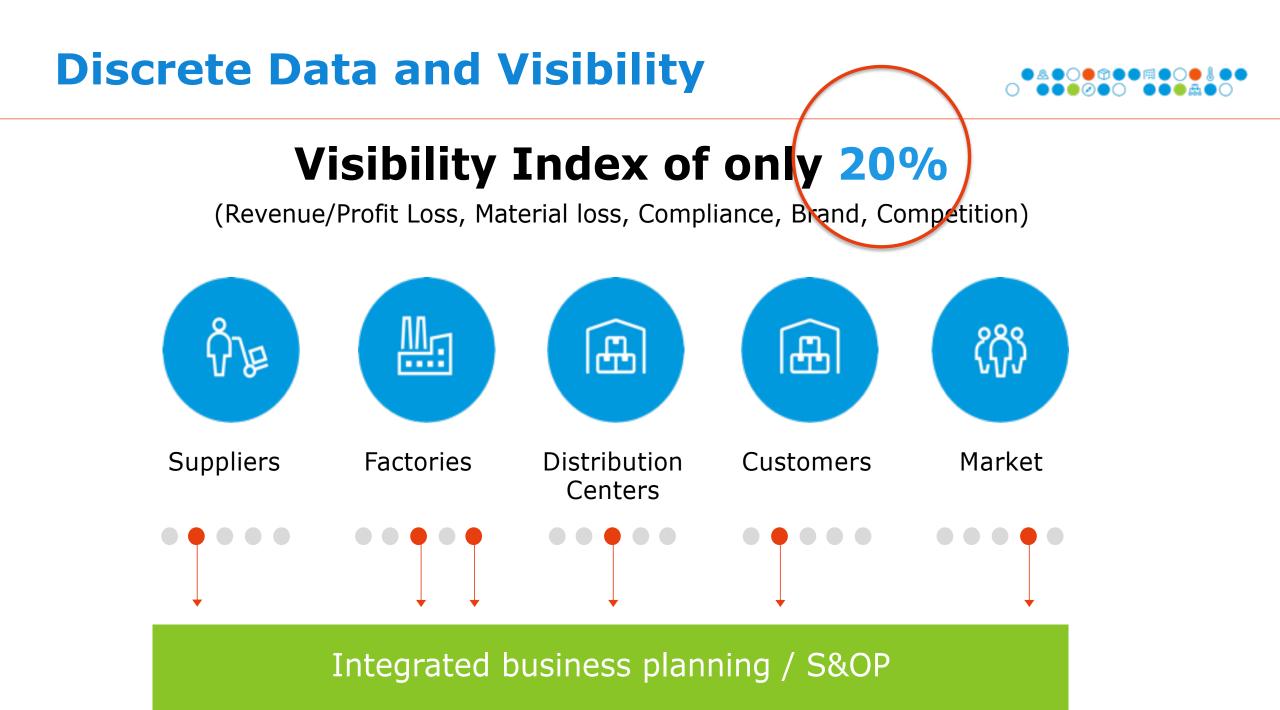




Supply Chain Network









What if visibility can be increased beyond 75%

Asset Intelligence High value assets/tools moving between facilities

Problem

100K+

Manufacturing Tools Millions (\$\$) In write downs Compliance

Cloudleaf's solution increased the accuracy of their inventory tracking by monitoring the real-time condition and location of 32,000 pieces of heavy equipment that are spread across a dozen production plants in the US.

100% Accurate counts Remove Manual Audit Process

Efficiencies

Inventory Utilization

Result

30K+

Manufactured tools deployed

20X Return on

Return on Investment 100% Visibility

CVI 20% to







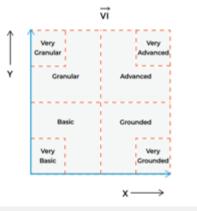




Framework To Quantify Visibility



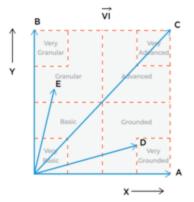




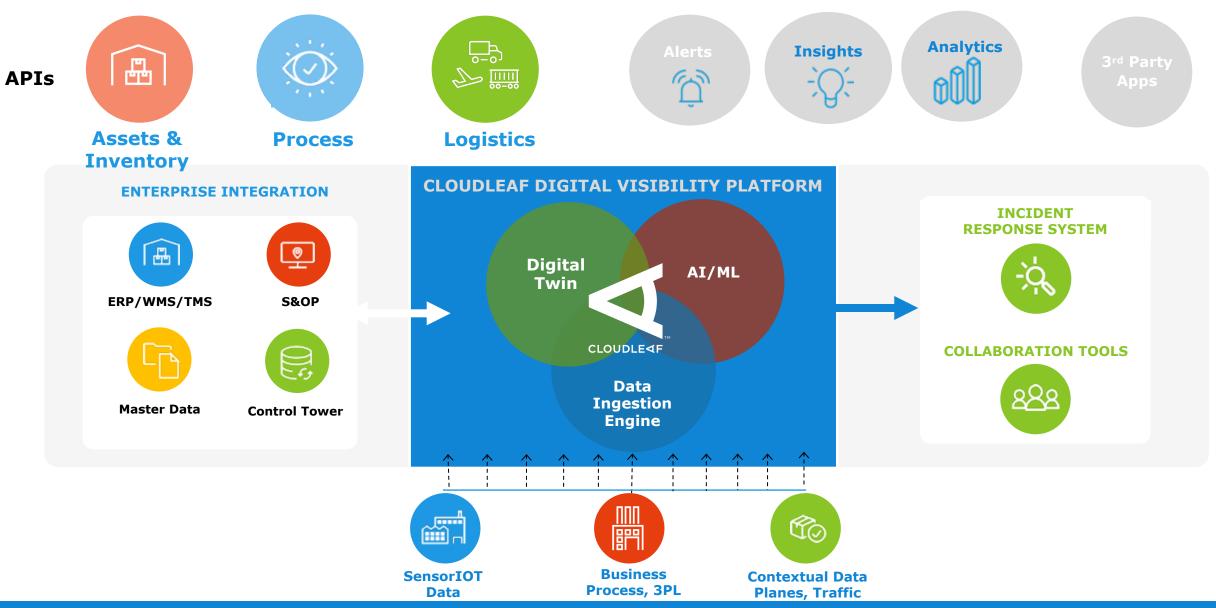
Visibility Index:

- A measurable vector
- Combination of hard & soft attributes
- Seamless inter and intra org
- KPIs for org
- Framework for quantifying org maturity

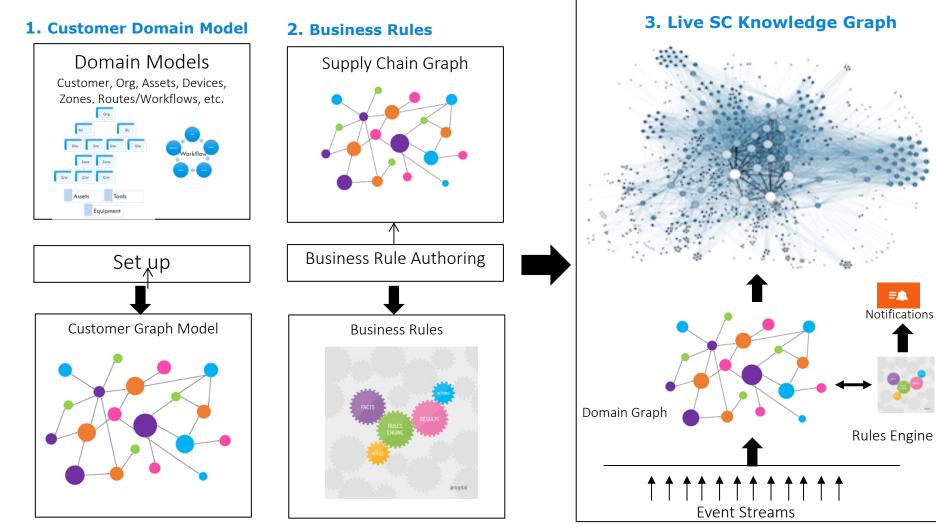




Cloudleaf Digital Visibility Platform



Supply Chain Digital Twin



- Master Data, Meta data
- State changes
- Event Injection
- Business rule evaluation
- Hyper-scale Graph DB
- Timeline views
- Zoom-in and out
- Visualization
- Routes with most excursions?
- Sites with most inventory?
- Distribution of specific vaccine lots?

Device & Data Eco-system

• Sensor and hardware agnostics

- Pre-integrations to many 3rd party data sources
- Integrations to industry standard systems of record like ERP, WMS, TMS systems



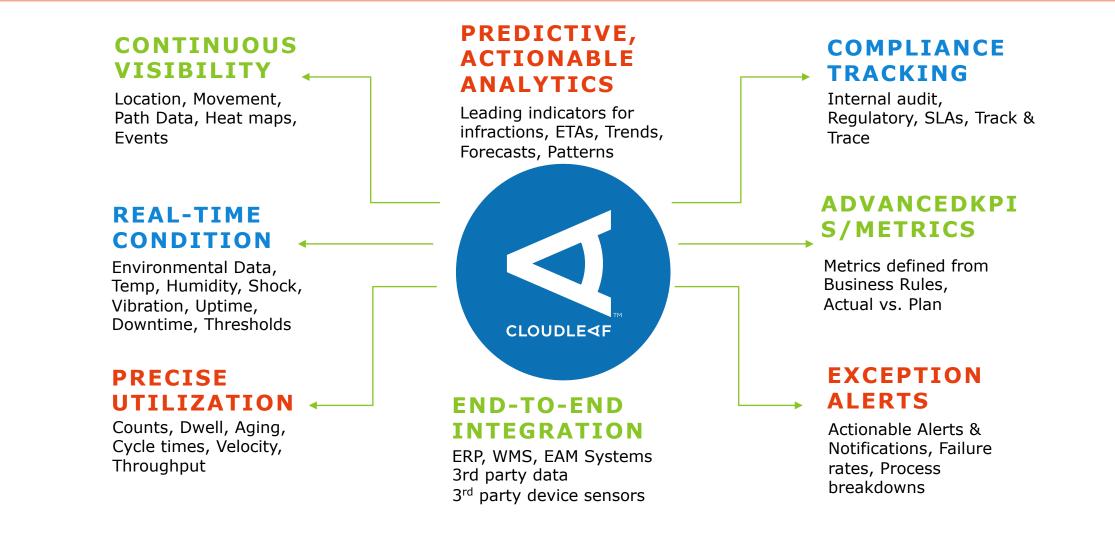




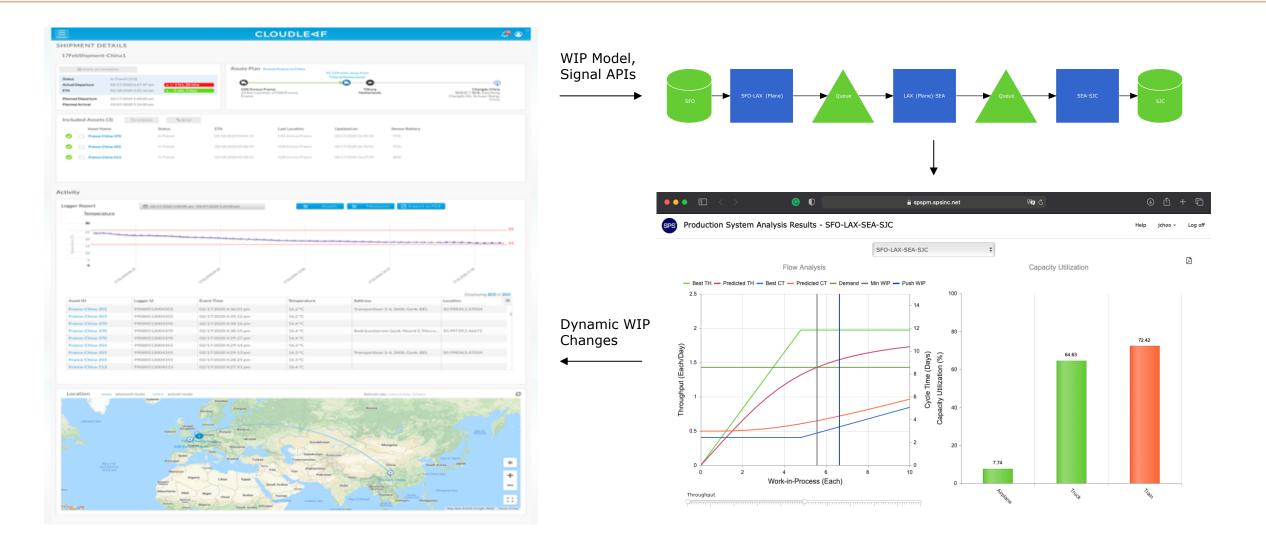


Actionable Predictive Insights





Integration of Data Science and Operations Science



Thank you

