HUCON
shifting limits

dataprophet
machine learning specialists

AI FOR MANUFACTURING
Moving from predictive maintenance to prescriptive action

dataprophet
C:N
CONNECT

Collect and interpret data on-site

dataprophet
DT
DETECT

Detect anomalies and expertly diagnose and correct faults

PROCESS 01 **PROCESS 02** **PROCESS 03** **PROCESS 04**

dataprophet
PR
PRESCRIBE

Reduce manufacturing risk and enable autonomous manufacturing
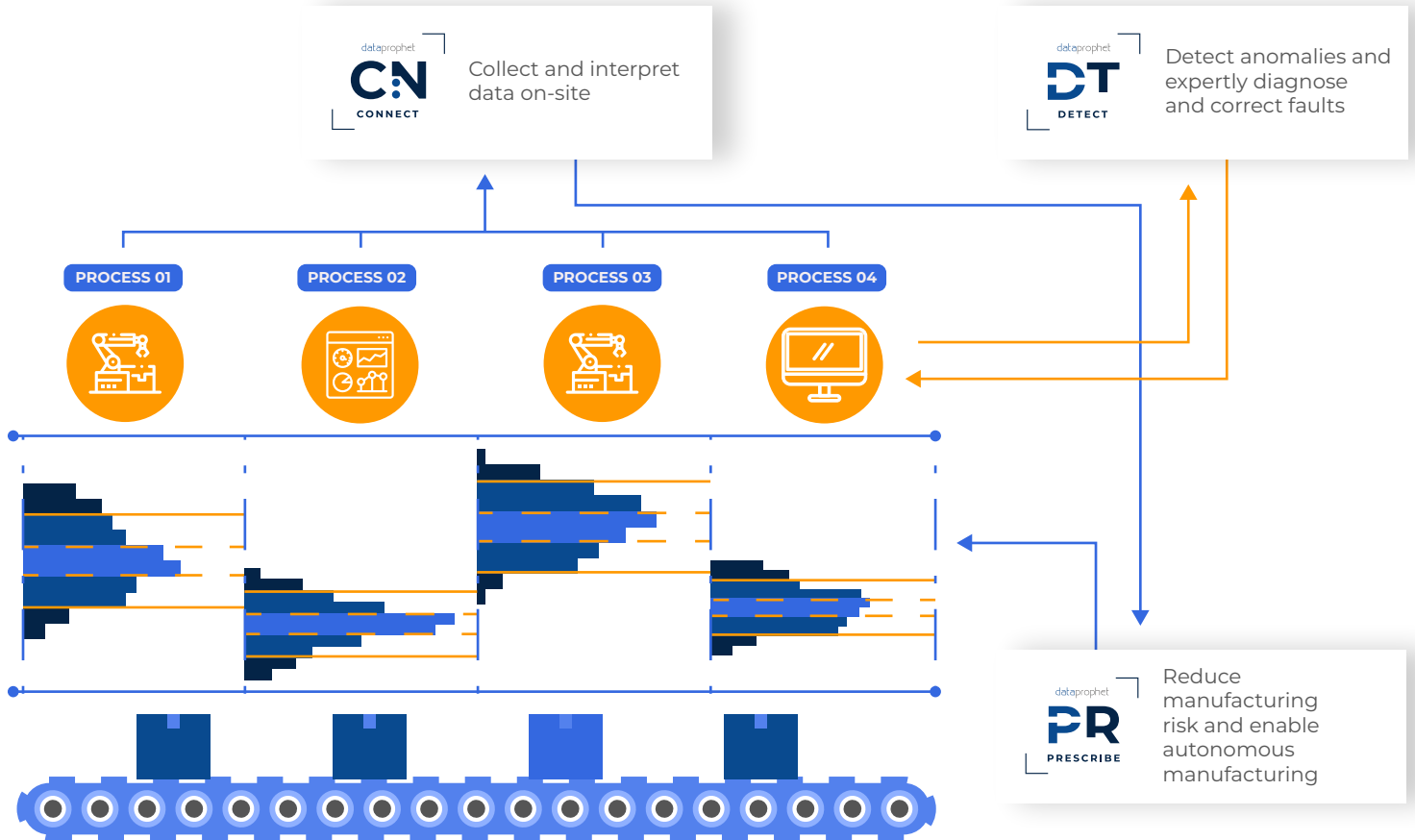
DataProphet's AI Suite works in tandem across the production line in order to deliver a holistic view of a production system:

- DataProphet CONNECT collects data from multiple machines and sensors in the production line and interprets the data onsite.

- DataProphet DETECT expertly recommends corrective actions as-and-when faults or abnormal operative conditions occur.

- DataProphet PRESCRIBE provides pre-emptive changes to production processes in order to reduce non-quality, waste and many other measures of process inefficiency.

Award Winning Solutions

THE WORLD ECONOMIC FORUM	The Aiconics	Mercedes-Benz	CBINSIGHTS	FROST & SULLIVAN
Tech Pioneers of 2019	Winner of Best Innovation in Deep Learning	Winner of SA Innovation Challenge	AI 100 List of most innovative AI startups	Winner of Technology Innovation Leadership Award

What makes DataProphet Unique?

Manufacturing plants are dynamic environments. They change quicker than the insights - generated from data - can be determined. DataProphet's Expert Execution System overcomes this problem by providing actionable prescriptions directly to the operational level where they can be acted upon by plant personnel.

Why choose DataProphet?

DataProphet's AI solutions leverage your machine data to deliver expert guidance to quickly improve your production KPIs, with a guaranteed ROI in the first year of operation.

DataProphet's AI Suite

PR dataprophet PRESCRIBE

DataProphet PRESCRIBE
DataProphet PRESCRIBE uses state-of-the-art deep learning algorithms to learn and leverage complex parameter interactions, providing more effective and nuanced prescriptions that can be easily put into action by operators.

DT dataprophet DETECT

DataProphet DETECT
DataProphet DETECT monitors your equipment in real-time to immediately identify any deviations from usual operating patterns. The system isolates the causes and provides real-time expert feedback on corrective actions using a company-wide expert knowledge database.

CN dataprophet CONNECT

DataProphet CONNECT
DataProphet CONNECT, an Industrial Internet of Things (IIoT) solution, offers manufacturers a complete solution designed by AI experts, including: purpose-built industrial edge devices that collect and interpret data on-site; cloud-native storage and durable data management; and intelligent real-time dashboarding.

Features of DataProphet's AI suite

Data Security
Client manufacturing and application data is housed in fully isolated databases for maximum security.

Prescriptive Guidance
Guidance is provided to operators on important process changes that need to be prioritized in the plant alongside rich data summaries.

Increased OEE
Increases production capacity, reduces production cost, and maximises process tolerances.

Data Ingestion
Process and quality control information from databases, spreadsheets, sensors, and PLC sources can all be ingested and integrated by our platform.

Reduce Defects
>40% reduction in quality defects, which results in the reduction of non-quality costs & rework.

Seamless Integration
Readily adapts to the client's manufacturing environment as our team performs the integration across all common platforms and floor management systems.

8-12 Week deployment period
Implementation can be done remotely and takes just 8-12 weeks with no internal data science skills needed.