



CLIENTS



DataProphet PRESCRIBE is a unique deep learning solution that can prescribe optimum plant control parameters, often resulting in 50% or more reductions in the cost of non-quality, through a customized single model approach, while taking into account higher order effects.

Our AI solution for the manufacturing industry is aimed at achieving zero defects in the production process. Using advanced predictive and prescriptive machine learning capabilities, DataProphet can predict defects, faults and quality errors and prescribe optimum control parameters to improve production.

<p>2% TOTAL BUSINESS COSTS SAVED WITH NO PROCESS CHANGES</p>	<p>0% EXTERNAL SCRAP</p>	<p>4-6 WEEK DEPLOYMENT</p>	<p>12 MONTHS TO 5 YEARS HISTORIC DATA ANALYZED</p>
<p>5% PRODUCTION INCREASE</p>	<p>PRODUCT TRACEABILITY</p>		<p>1M+ RECORDS & 100K+ FEATURES IN A SINGLE VIEW</p>

"It all makes sense. I am just amazed at the difference small process variation makes. But all the 'directions' of the variation that gives better results makes sense and matches theory."

—CEO, MANUFACTURING CLIENT

FEATURES



Optimization

DataProphet PRESCRIBE provides dynamic optimisation of your process control system and helps you reduced loss to non-quality in your production line. the solution achieves this through the active minimization of manufacturing risk.



Reduce defects

Defect occurrence is significantly reduced thanks to probability predictions that enhance existing quality control systems.



Transfer best practices

DataProphet PRESCRIBE provides distillation and maintenance of institutional knowledge embedded in your process data. This feature helps you to more easily transfer best practices between experienced and inexperienced process operators.



Easy integration

DataProphet PRESCRIBE readily adapts to your manufacturing environment and integrates with all common platforms and floor management systems.



Simulation

DataProphet PRESCRIBE provides you with a learnt digital twin for your factory that allows engineers to simulate the impact of process changes on production output systems.

Implementing DataProphet PRESCRIBE in your factory

It takes four to eight weeks to deploy DataProphet PRESCRIBE in your factory since it needs to be configured to integrate with your unique manufacturing process and infrastructure. At DataProphet, we know that every factory is different and the importance of process parameters may differ significantly from one facility to another.

The integration process primarily involves building the machine learning models that will process your data and extract the most value from it.



Continuous improvement

DataProphet PRESCRIBE uses your historical process data to learn ideal process parameters for your production line. It will prescribe optimal parameters as soon as it goes online. As part of the implementation process, our team of data science experts will continually work to improve your installation, helping you reach your Industry 4.0 ambitions.

As a customer, you choose which Industry 4.0 technologies our team implements in your factory. Our team will work continually to improve your system to provide the best possible return on investment.

