



THROUGHPUT^{INC}

Transforming Industrial Operations with Microsoft Azure and ThroughPut Inc

For Operations Leaders, by Operations Leaders, to beat Output, Profitability, and EPS Targets

ThroughPut is an Operations Intelligence Platform that improves Output and Profitability for the \$35 Trillion Global Industrial Production Market. ThroughPut applies industry-specific AI to your company's existing Enterprise Data to automatically detect, rank, quantify and eliminate costly Bottlenecks in real-time. Working with Microsoft Azure, ThroughPut Inc empowers your existing Teams and Domain Experts to focus on implementing Recommendations to lean-out Supply Chains & optimize Operations at scale. ThroughPut's Software Platform compresses the Time between Analysis and Action to increase Output, Throughput, Quality, Profitability, and ultimately the Company's Earnings-Per-Share.

Instantly run Leaner, Better, Faster, Smoother, and Safer Operations...with just a few Clicks

How to Identify, Rank, and Eliminate Bottlenecks, Risks and Delays in real-time

ThroughPut provides real-time Root Cause Analysis for end-to-end Supply Chain Management using your existing time-stamped Data from systems like ERP, MES, PLC, IMS, WMS, TMS, SCADA, Historian, Excel, CSV, IOT Sensors and Edge Devices. ThroughPut empowers Operational Decision-Makers to take real-time Corrective Measures and save Time, Money, Resources and Brand Integrity with the world's first Bottleneck Management System (BMS). ThroughPut's AI-powered Elimination Intelligence platform (ELI) is scalable, reliable, agile, and user-friendly, for those operating in less-than-friendly Environments. ELI and its cloud variant, ELITE can be deployed anywhere, including on-premise, in a data warehouse, and on Microsoft Azure hosted, hybrid & private Cloud Services. ELI is also tightly integrated with key Azure offerings including Power BI and Azure ML.

Complementary Technologies to Accelerate Industrial Digital Transformation



Enterprise Ready



Scalable



Unparalleled Ops Visibility

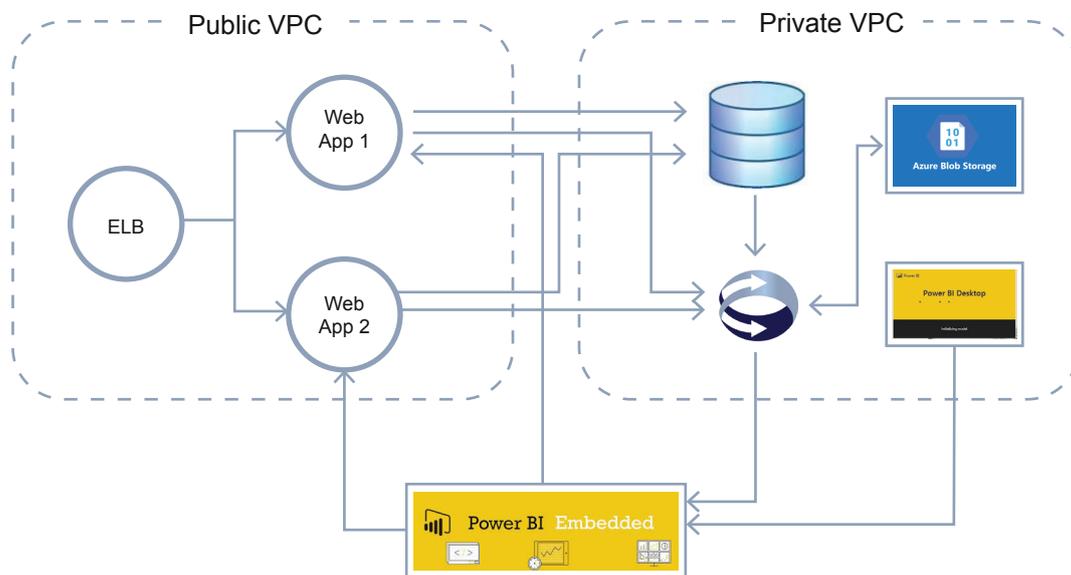


Secure

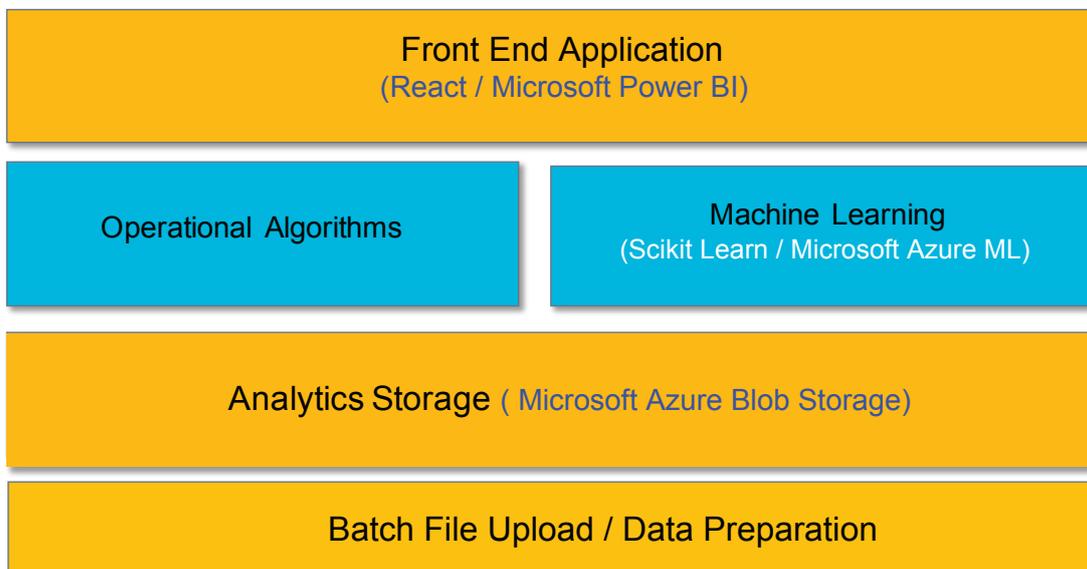


Automated

Network Architecture



Technology Stack



Our Competitive Advantages



Quantify money Savings potential from your Supply Chain & Production Operations instantly with OEE calculators



AI-enabled platform utilizing Kaizen & Yokoten



Influence Asset Capacity & Utilization Resource Planning across Facilities in real-time



45+ best-in-class Operation Management Heuristics running in parallel with Machine Learning Algorithms influenced by Deming, Ohno, Goldratt, and many others



Identify **Root Causes 600x faster** through real-time streaming and multi-variate Analysis

Your Competitive Gain



Global Fortune 500 Executives trust ThroughPut to impact Output Targets with challenging Deadlines



We understand your Operational Data DNA, eliminating 70% of data-crunching and 99% of data-cleansing tasks



Our expert team backgrounds include global Production & Operations Management, Chemical Process Engineering, Artificial Intelligence, Machine Learning, Advanced Statistics, Industrial IOT, Industry 4.0, mass-scale Data Architectures, Kaizen, Yokoten, TQM, Six Sigma, Lean Manufacturing, Operations & Supply Chain.

The Immediate Results

ThroughPut's ELI helps the following stakeholders across your organization's entire Value Chain:

Production & Supply Chain Managers:

600x faster Insights to improve Lead Times, Defect Rates, Cycle Time, Uptime, Downtime, and employee concerns by instant Resource Reallocation Recommendations and Output Strategy Levers

Financial Controllers:

Our Insights have improved Working Capital & Earnings-Per-Share in real-time by up to 15%

Data Analysts, Scientists, and IT Personnel:

A seamless, real-time, integrated Operational Stack that enables Operations to entrust Operational Success with Data Professionals