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

Front End Application (React / Microsoft Power BI)
Operational Algorithms
Machine Learning (Scikit Learn / Microsoft Azure ML)
Analytics Storage (Microsoft Azure Blob Storage)
Batch File Upload / Data Preparation
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


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

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