

# OBSTACLES TO OPERATIONAL EXCELLENCE

Digital technology adoption is at an all-time high and growing exponentially. But even with the increased adoption of IIoT and Industry 4.0, several challenges have prevented digital solutions from effectively transforming operational excellence in manufacturing. However, with the Digital Performance Management (DPM) approach, manufacturers can overcome these four key transformational challenges and improve production efficiency by 5-20%.

## 1

### OBSTACLE: Data Rich, but Insight Poor

**Few companies** have successfully unlocked data to expose the necessary insights required to systematically identify, prioritize, and focus resources on the most critical production constraints.

**DPM prioritizes** the highest impact opportunities with automated bottleneck analysis.

## 2

### OBSTACLE: Disconnect Between Front-Line Workers and Management

**The systems** that management use to monitor performance are usually disconnected from the data sources operators are using to execute production – so there's no alignment to proactively address production losses.

**DPM helps** manufactures prioritize the most impactful opportunities by augmenting percentage-based OEE measurements with a common, well-known unit of measure – the hour. **This contextualizes performance losses** and delivers insights that are broadly actionable from the shop floor to the top floor.

## 3

### OBSTACLE: Undiscernible Patterns

**Once bottlenecks and production losses are identified**, determining the best set of corrective actions to improve efficiency requires thorough analysis – a process which can take days or weeks manually.

**DPM applies** AI to identify patterns of production losses and perform multi-variable analysis. This systematic approach provides **continuous and prescriptive** recommendations to the opportunities most likely to regain lost production hours.

## 4

### OBSTACLE: Confirming Performance Improvement and Business Validation

**Manufacturers struggle** to track and trace the status of corrective actions and measure their corresponding operational and financial impact.

**DPM's corrective action tracking** capability enables continuous improvement teams, plant managers and supervisors to define baselines and assign owners to continuous improvement actions. **DPM then measures** actual improvements and ties them directly to financial impact.

COMPILING DATA

Discover how you can achieve operational excellence in manufacturing in the [February 2022 edition of the Manufacturing Leadership Journal](#).

