



# Put Data to Work: Transforming Steel Mill Operations with GE Digital

## Harness the power of data to meet changing demand in the steel mill industry



**FIND HIDDEN CAPACITY**

+



**INCREASE SITUATIONAL AWARENESS**

+



**REDUCE COST PER TON**

## GE Digital offers end-to-end solutions to meet your toughest challenges

Less than 10% of all available data is turned into actionable insights.

A significant percentage of critical assets are over 25 years old, and yet most maintenance is still reactive.

More than 70% of experienced workforce or leadership will retire in the next 15 years.

## With data-driven insights, your mill can reach manufacturing excellence

### VOLUME

Increase capacity, reduce planned and unplanned downtime

### COST

Maintenance, operational risk, energy consumption

### VALUE

Extend asset lifetime

### SAFETY & COMPLIANCE

Environmental regulations, zero safety incidents

### KNOWLEDGE

Improve knowledge management and retention

## Our industrial applications work alongside your existing systems to continually stream and analyze data - enabling smarter business decisions.

Predix industrial applications connect your plant to the Industrial Internet of Things (IIoT)



### PREDIX HMI/SCADA

Monitor, control, and visualize every aspect of your operations



### PREDIX MES

Identify exactly how your assets are performing in real-time and your top causes of process failure



### PREDIX APM

Predict where and when to do maintenance before failure

## Leverage these applications to improve your bottom line

### Reduce operational risk



#### Achieve consistent product quality

**40%** | Reduced waste in lost batches

#### Improve safety and compliance

**0** | Corrective maintenance for an entire year

### Reduce cost



#### Identify problems and solutions faster

**1,135%** | Improvement in mean time between failures (MTBF)

#### Perform the right maintenance, proactively

**\$30M** | Saved in annual maintenance costs

### Increase production efficiency



#### Increased overall equipment effectiveness

**1M** | Tons per year capacity increase without additional equipment

#### Improve productivity

**15%** | Reduction in unplanned downtime, 10% increase in throughput

To learn more about GE Digital's industrial applications, visit [ge.com/digital](https://www.ge.com/digital).