



# Transforming Production outcomes at the **WORLD'S MOST VALUABLE STEEL COMPANY**

## RESULTS

**Total Plants Digitalized Globally**  
**139**

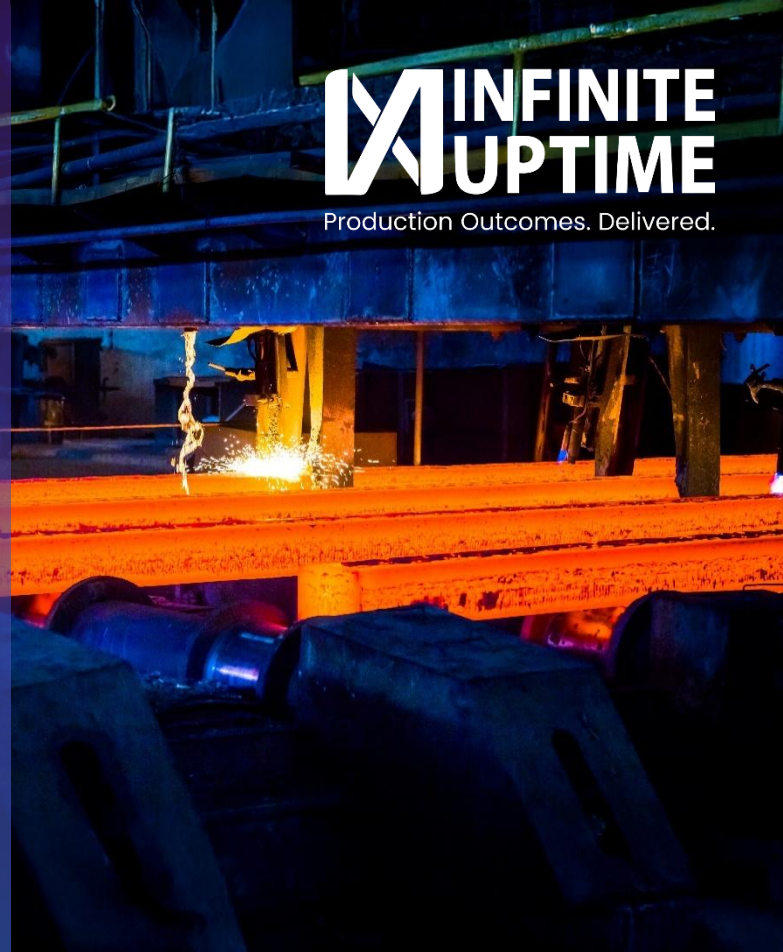
**Eliminated**  
**30096 hours**  
Unplanned Downtime

**Raised**  
**2.5%**  
Utilization Rate in the Mills section

**Created**  
**8610**  
AI-assisted Work Orders

Note – Data as of Sep 11<sup>th</sup>, 2025  
Source – PlantOS™ Digital Reporting System – User Validated  
True Positives & False Negative Rate

**INFINITE  
UPTIME**  
Production Outcomes. Delivered.



### Partnering for Innovation & Outcomes

JSW, a global leader in steel production, embarked on a journey with Infinite Uptime to move beyond the hype surrounding IoT, AI, and SAAS. The focus was on fostering genuine collaboration and co-innovation to achieve tangible outcomes. What began as an effort to enhance machine reliability and minimize downtime has evolved into a strategic partnership aimed at transforming production outcomes.

Through the implementation of path-breaking predictive maintenance solutions, which leverage device-agnostic sensing, collaborative AI, and a combination of human intelligence and domain expertise, we have streamlined operations and maximized efficiency. This partnership now serves as an industry benchmark, showcasing the power of collaboration in driving substantial improvements and setting new standards.

Scan to Book an appointment and discover  
how Production outcomes can be transformed



## Transforming Industrial Efficiency: A Data-Driven Journey

The journey began with a shared vision to revolutionize industrial efficiency through data-driven insights. By deploying digital monitoring solutions across critical equipment in **key sub-plant areas**, including-

- Mining
- Coke Oven
- Sinter Plant
- Blast Furnace
- Pellet plant
- Corex
- Steel melting shop
- Shot Strip Mill
- Wire Rod Mill
- Tandem Cold Rolling Mill
- Continuous Galvanizing Line
- Coating Line

a proactive approach to maintenance was initiated, yielding significant benefits.



Production Outcomes. Delivered.

## Co-Innovation: Pioneering Industrial Solutions

In a collaborative effort, we have pioneered innovative solutions to address critical industrial challenges:

- Optimizing Crane Applications
- Implementing Predictive Maintenance for Steam Fans
- Advanced Monitoring for ROT rolls in Hot Strip mills
- Gearbox Reliability enhancements in long Product mills

Our relentless experimentation and creative synergy are revolutionizing industrial operations, one ground-breaking outcome at a time.



## Forging the Future: Our Unwavering Commitment

As we navigate new horizons, Infinite Uptime remains steadfast in delivering unparalleled value, ensuring operational excellence, and driving transformative change in industrial efficiency. With our partner's trust and dedication, we will continue to collaborate and co-innovate, empowering them to achieve globally validated production outcomes.

## UNLOCKING SEMI-AUTONOMOUS PLANTS

with World's most User-validated Prescriptive AI platform for Process Industries

Goal Setting

Baseline

Benchmark

Optimize

Collaborate

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