

Maximize Production Availability

Case study

A global leading machinery and equipment company with a market cap of over 100 billion USD that operates across the globe and experience approximately 38% downtime.

As a world-class manufacturer, their core values include quality, service, and loyalty to their customers, which are evident in their manufacturing methods.

As a result of ShiraTech's solution deployment into the company's production line, the unplanned downtime had been reduced to half (19%).

Customer's Needs



Collect real-time telemetric data



Analyze historical data and events



Predict emerging faults



Increase line productivity

Success Criteria

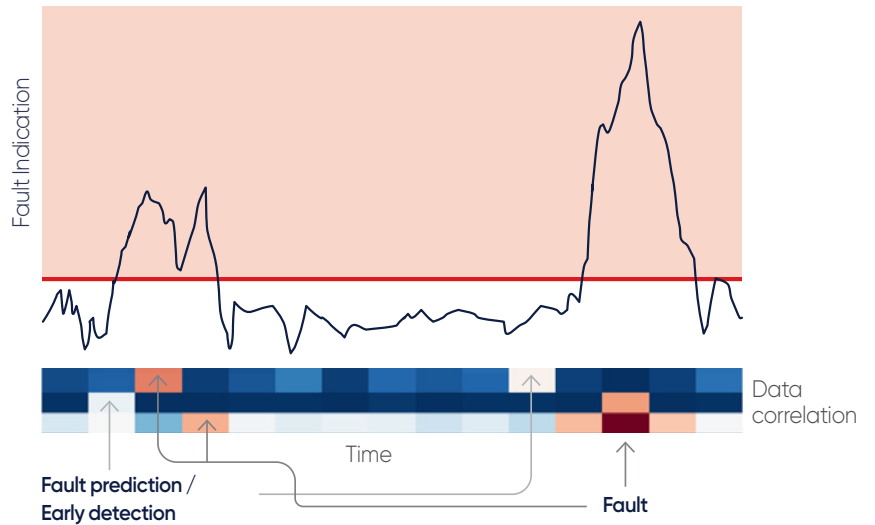
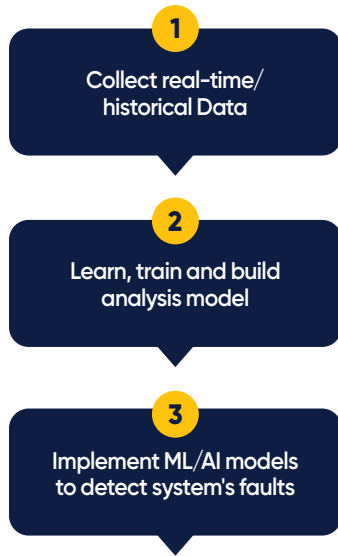
- Decrease unplanned downtime
- Identify fault location and indicate the faulty mechanism
- Early detection of different faults

Our Solution

- Fault detection
- Prediction / early detection
- Maintenance procedure quality check
- Identify sensor fault / malfunction



Workflow



Results

24%

Increase system up time

324

New insights based on our analysis

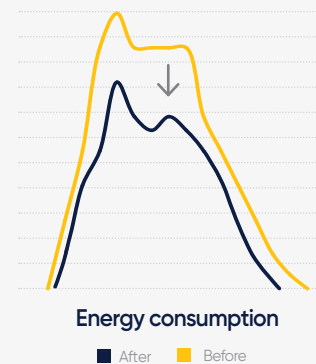
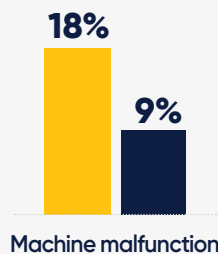
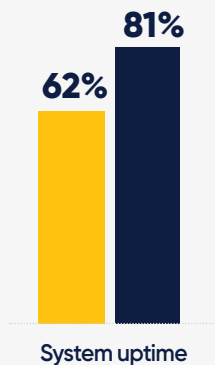
\$870K

Yearly saving

8%

Eliminate energy waste in production

Issue frequency %



*Information based on one system only
*Each number is up to the written number