

# ENGAGEMENT CASE STUDY

## Customer Background

The organization is a leader in fabricating unit static equipments for process industries. Established in 1976, it manufactures the entire range of process equipments for end-users in core industry segments like Refineries, Petrochemicals, Fertilizers, Oil & Gas, Chemicals, Pharmaceuticals and Power around the world.

## Business Case

The organization was looking for a solution that could provide the following:

- Quality Analysis
- Real Time Tracking of Machine Performance
- Collation of precise data for Overall Equipment Effectiveness (OEE), Total Effective Equipment Performance (TEEP) & Yield Throughput Analysis



India's Leading Manufacturer  
of Process Equipments  
Implements Machine  
Performance Analytics  
Solution with SCADA & Infor  
Mongoose Interface

## Highlights

**Industry:** Manufacturing

**Project Location:** India

**Engagement Since:** 2019

### Solution Snapshot:

- PLC (Programmable Logic Controller) and SCADA (Supervisory Control And Data Acquisition) instrumented with the machines
- Infor Mongoose Welding System
- SQL Database at the back end of Infor
- Master Data fetched from ERP

## Business Solution

The solution provide by GITL has the following highlights:

- Master Data fetched from INFOR Mongoose Welding System
- Real Time actual welding data fetch from SCADA Interface Tables
- Real Time Portable Welding Machine Data fetched from MS SQL Interface Tables
- Dashboard Reports by INFOR EAM

## Challenges

The challenges faced by the GITL team during this implementation were:

- Issues with real time data
- Cleansing of data

## Benefits

- Availability of OEE (Overall Equipment Effectiveness) Data & Welding Quality Analysis
- Real Time Machine Performance Report, Trend Report, Welder Performance Report, & Weld Quality Report are generated from the system
- Digital Welding Data Management – Welding Slip details are automatically captured

Contact us



## India

### Head office

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## About Godrej Infotech Ltd.

Godrej Infotech Limited, part of the \$4.1 Bn. Godrej group is one of the leading IT service provider specializing in End-to-End IT solutions and services. Strategic partnership with industry leaders like Microsoft, Infor, LS Retail, and Oracle have played an instrumental role in making the organization a mature IT partner that understands the value of business process automation. Our service offerings include Business Consulting, ERP Implementation & Support, Application Development, Integration, Digital transformation, Analytical services, Mobile Application Development, Infrastructure Management, and e-Commerce. We have domain and technology expertise in the manufacturing, retail, trading, distribution, logistics, hospitality, project, and service industries. A CMM Level 4 and ISO 9001:2015 certified company, GITL's service offerings follow proprietary methodologies derived from product best practices and experience in similar implementations. Headquartered in Mumbai, India we have presence in Middle East, APAC, Europe and US with customer footprints extending across multiple geographies.

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