



***Hofincons***  
Case Study

# Introduction

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**Client: Qatar Power Company (Q - Power)**

**Industry: Power**

**Location: Qatar**

**About Client:** Qatar Power Company (Q - Power) is a joint stock company catering to the electricity and potable water demands of the State of Qatar. The company provides water and electricity to the State of Qatar in a safe, environmentally clean, efficient and reliable manner.

The Plant, located at Ras Laffan Industrial City, has a capacity to produce 1025 MW (Mega Watts) and 60 MIGD (Million Gallons per Day). This landmark project is presently the largest Independent Water & Power Project (IWPP) in the State of Qatar, which consists of three gas turbines, two steam turbines, four distillers, related pipelines and infrastructure.

## The Challenge

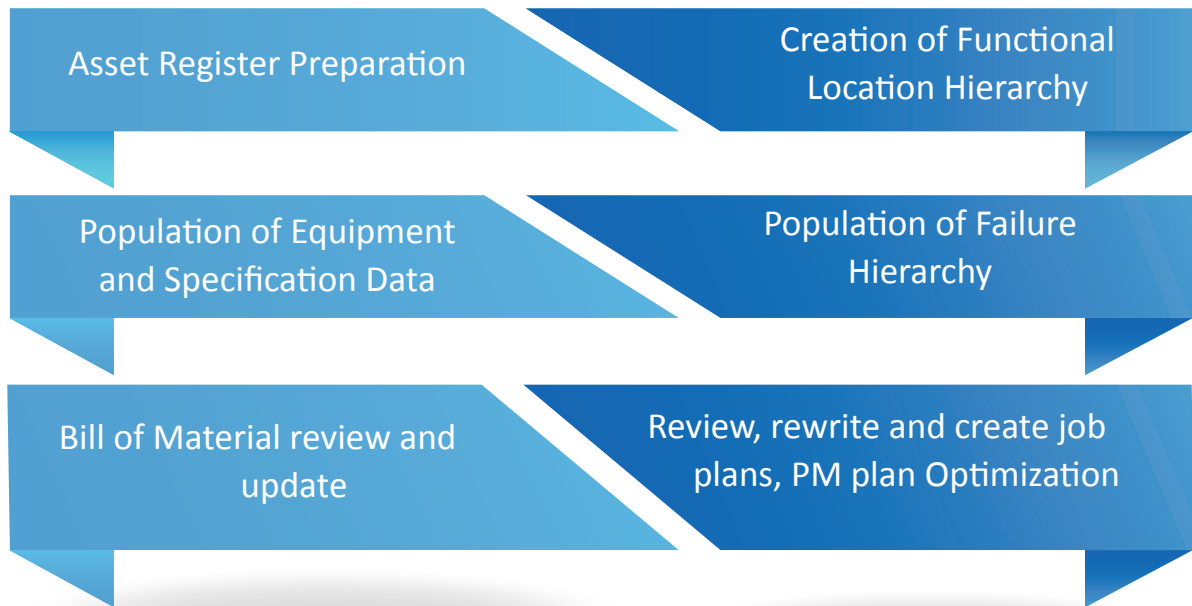
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Qatar Power Company (Q - Power) was looking for the maintenance data build for its Maximo CMMS. The CMMS is utilized in the plants for the maintenance, material management and procurement functions.

Due to partial data in maximo the client was facing challenges in strategic decision making and reliability improvement programs. Therefore, Qatar Power required validation of the equipment data, review and optimize PM program in the CMMS and an update of the data in the as is condition. Thus, the challenging job is to review, validate and update the data.

# Hofincons Solution

To address the maintenance data build and updating goals, the team at the off-site location effectively carried out:



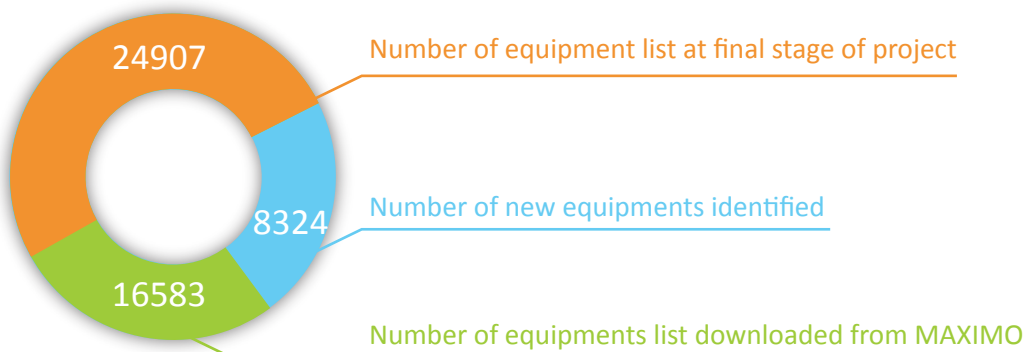
## Impact And Advantage

- Efficiently validated the equipment data and preventive maintenance program in the Maximo system and updated data to as is condition.
- Improved plant availability by optimizing preventive maintenance program.
- Established standards for job plan in consistent and detailed manner.
- Improved plant reliability and reduction in downtime.

JOB PLANS



EQUIPMENTS LIST



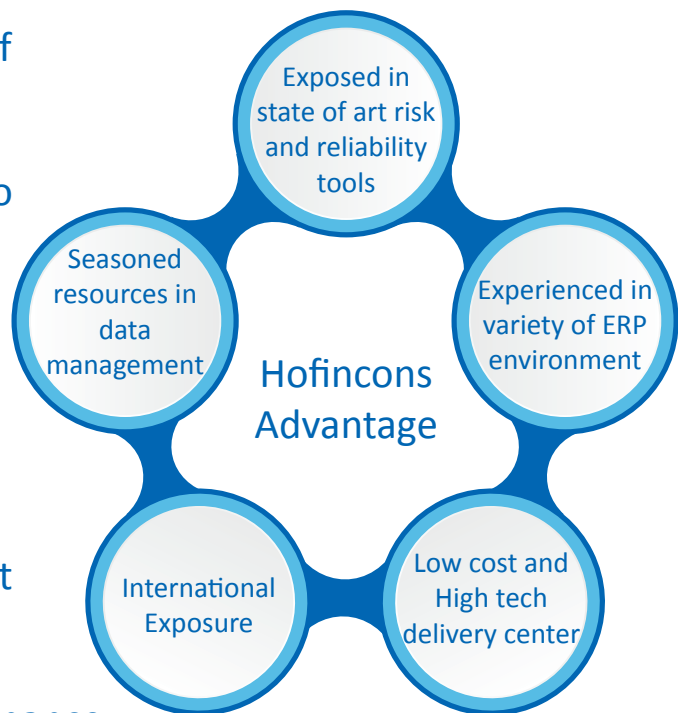
■ Before Project ■ After Project

# The Hofincons Advantage

As one of the pioneers in the field of integrated asset management services since 1978, our relentless endeavor has been to bring a dependable yet dynamic approach to the table.

We ensure that our strengths translate to advantages for our clients:

- Better and safe practices of operation and maintenance.
- Optimum utilization of assets to achieve planned production.
- Reduction in losses due to breakdowns.
- Higher equipment reliability.
- Enhanced productivity of plant and equipment.
- Overall reduction in maintenance costs.



## ***Hofincons***

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