



Spot small potential problems before they become big costs.

It's shocking how the malfunction of a simple, inexpensive component can cause much bigger problems further down the line. Lost time, lost production, lost manpower – it can all add up to an expensive headache for manufacturers.

But it doesn't have to happen.

Machines have had in-built sensors for some time. Only now they can connect to each other, to the internet and to you. This 'Internet of Things' (IoT) helps manufacturers to become more productive and efficient, by enabling their machines to communicate. That includes telling plant managers and other decision makers when they're about to go wrong.

*All you need are the tools to interpret what they're saying...*

OCF Data Analytics solutions provide manufacturers with a fully automated process capable of analysing vast quantities of data in real time.

It quickly detects failure patterns and identifies the root cause of the problem.

What's more, advanced algorithms can determine the reliability of assets at any point in the future, so that inspections and maintenance can be performed at the optimal and most cost-effective moment.

**£601,518** – That's how much a large equipment manufacturer saved in just two weeks by using predictive maintenance to proactively identify problems and take action before failure occurred.\*

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# Specialising in Big Data and Analytics, OCF helps organisations like yours meet the business challenges presented by today's ever-changing marketplace.

Challenges that include the increase in global competition, growing pressure to reduce costs, and the ability to adapt to shifting customer requirements.

As a trusted IBM Premier Business Partner for over 10 years, it's something we have a lot of experience in tackling.



## How OCF can help

Our in-house team and extensive partner network use the latest technologies to architect, develop, integrate, manage and host solutions that will empower you to extract value from your data.

## We do this in 3 ways:

### 1. Embracing the Internet of Things

The number of things connected to the Internet will reach 30 billion by 2020 (ABI Research). We'll work with you to prepare your company to thrive in this new environment and capitalise on this huge value creation opportunity.

### 2. Maximising Operational Efficiency

We'll help you generate business value for your organisation by predicting asset failure, extending asset life and predicting part quality.

### 3. Driving Data Optimisation

We'll increase your ability to store and access data in a timely manner, enabling you to take advantage of a key asset and outperform your competition.

**Predictive maintenance software leverages the rich set of data that manufacturers have available such as:**

- Equipment type
- Number of days in operation
- Operating voltage
- Days from last service
- Days to next service
- Failure history
- Costs for planned and unplanned maintenance
- Parts analysis
- Other data depending upon the machinery involved

**Find out how OCF can help you identify problems before they happen.**

**Arrange your free consultation today.**

**Call**  
0114 257 2200

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