



# rotec

## HYDRAULICS

**Remote Monitoring Solutions:**  
Parker Internet of Things  
(IoT) Technology

**rotec.net**



**REMOTELY MONITOR ASSETS  
IN REAL-TIME**

**REDUCES DIAGNOSTIC TIME**

**BY UP TO 70%\***

# Internet of Things (IoT) Technology

A remote monitoring solution for all industries.

Parker IoT is the latest monitoring cloud-based solution specifically designed to provide sophisticated data, monitoring and performance control capabilities.

IoT makes it easy for your business to collect and analyse data to identify usage trends and system maintenance concerns with unparalleled intellectual design and operational insight.

Smart sensors and telematics help manage assets and prevent failures by optimising performance across multiple sites. By investing in IoT, you can reduce asset downtime, eliminate unnecessary spend, ensure compliance and safety as well as gain critical performance visibility.

Rotec, the only Approved Parker Hydraulic Technology Centre in the South of the UK and long-standing Parker distributor, is proud to offer Parker IoT technology to its customers.

# IoT Features

Take your analytics to the next level.

IoT is a step on from telematics and simple location tracking to remote diagnostics and programming.



A significant number of businesses, such as logistics and marine already have connected equipment with built-in telematics sensors, however, IoT solutions take it a step further with customised data to show recommendations to business operations on how to maximize performance and longevity.

In addition to the features of a traditional telematics solution and data insights, IoT solutions offer remote diagnostics and programming, automated reports and frequency and duration use.

When comparing IoT solutions, it is important to recognise that Parker IoT offers the following unique features compared to competitors:

- Simple user interface
- Customisable
- Real-time updates
- Plug & play configurability
- Enhanced connectivity
- Future-oriented framework
- Implementation support
- Compliance reporting
- Service plan options



**IMPROVE ASSET EFFICIENCY**



**MAXIMISE PRODUCTIVITY**



**IMPROVE OPERATIONS SAFETY**



**BESPOKE TO YOUR BUSINESS**

# How IoT Works

Cutting-edge technology.



Smart components

Programming tools

Gateway

Cloud platform

User interfaces

Integrate, measure and analyse data from an asset's components.

Configure Smart products with Parker or industry standard tools.

Connect and control equipment remotely or close by.

Securely gather, upload, store, transmit and share asset data.

Access web and mobile interfaces to manage assets and operations.

Up to  
**20%\***  
increase in productivity

Up to  
**20%\***  
reduction in fuel consumption

Up to  
**20-30%\***  
reduction in recordable accidents

# Parker Mobile IoT Application Services

Data is knowledge.



## Plug & Play Hardware

Easy to install gateway with antennas and range of sensors (eg temperature, speed, impact, pressure).



## Controller Integration

Customise machine controls and telematics using our seamless integration with Parker Controllers.



## Reports & Analysis

Analyse and understand your asset's data via access to historical information on custom dashboards.



## Location Services

Monitor your assets with real-time GPS location, geofencing and routes status data.



## Real-time Diagnostics

Use Parker's controller software tools to connect, diagnose and troubleshoot issues affecting your systems.



## OTA Operations

Eliminate service trips by remotely updating Parker Controllers with the utilisation of 'over the air' (OTA).



## Tiered Administration

Manage OEM organisation, distributor, dealerships and fleet owners from one easy-to-use application.



## Alerts & Notifications

Set up customisable alert rules to trigger SMS or email notifications when assets require your attention.



## Machine APIs

Exchange data with enterprise systems, enrich business operations and improve service workflows or operations.





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