Improve Fleet Utilization with Smart, Connected Assets

Integrate the information you need into a single view

Improve Fleet Utilization Through Connectivity

Leveraging IoT to turn assets into smart, connected devices can rapidly transform mixed fleet operations, visibility, and utilization. Access to data – and access to it on a single pane of glass – can directly contribute to increased profit, improved performance, and greater utilization of the fleet.

Why should a business shift to a connected fleet with an integrated system of equipment information?

- Reduce cost of transport and optimize the full equipment portfolio with real time location of deployed and inventoried equipment.

- Increase profitability by reducing downtime, and improving service to the fleet with visibility into performance data and equipment status.

- Make informed decisions on portfolio investments and evaluate existing equipment with access to service history, operating hours, and downtime tracking in one place.

- Optimize cost by using the entire fleet and turning over equipment as quickly as possible.

Connect, monitor, analyze and act on equipment data by leveraging IoT. The industrial internet of things connects people, products, and processes to increase profitability and improve business operations..

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Fleet Management Challenges

Working with disparate telematics and dispersed physical assets in a mixed fleet can be painful, confusing, and costly. The average utilization on fleet dollar value is 38%. One of the main challenges of implementing an IoT strategy is gaining the support and sponsorship of leadership. To support the need for IoT in a mixed fleet, understand the benefit to internal, and external, users and the potential value for the business overall.

Improve utilization by integrating data into a single view and gain better visibility into your equipment – where it is and how it performs, no matter the manufacturer.

Can't find assets? Seamlessly implement geolocation for connected devices.

Identify the exact location of equipment, both in inventory and deployed. Set geofenced limits for deployed assets with alarming and alerting for breach of the worksite. Automate and access time stamps for dispatches and arrivals. Regardless of the OEM, integrate essential location data for an entire fleet into a single view and optimize fleet utilization.

Don't know the status and performance of equipment? Internal and external users benefit from the aggregation and automation of fleet data.

Support field technicians with real time data and automated diagnostics. Actively monitor assets to improve internal productivity with alarming and alerting to indicate service needs and the ability to perform remote service. Enable customer self-service through training, a customer information portal, and augmented, 3D instructions – all stored in one system with asset status, performance history, and service history visible to fleet management operators and service technicians.

Are you getting the most out of the investment in your fleet? Improved utilization means a higher ROI and smaller investments, over time.

Minimize investment on new equipment and supplemental rentals by using the entire fleet, not just local inventory, and maintaining operational status of all equipment. Increase ROI on fleet investment through turning equipment as quickly as possible. Access service history, operating hours, and downtime to evaluate equipment for resale. Increase profit with optimization of existing equipment viewed through a single pane of glass.

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Beyond the connected assets

Asset location, real time performance data, and reduced cost are just the beginning of the value that digitizing fleet information can provide a business. Extend usage data of assets to automate worksite safety and compliance. Ensure workers are using equipment the way it is intended and minimize risk to the business. Optimize consumables supply by digitizing and automating usage data. Build upon asset visibility to monitor consumable material and determine when to restock. Or, even automate supply management completely. The possibilities are broad with an integrated system, enabled by connected devices, to deliver value to a business. The first step is connecting the fleet.

Though a large part of optimization with IoT is the smart, connected assets themselves, there are other elements to consider in the journey toward a digitally managed fleet. Achieving your business goals requires a good strategy and a solid business case that wins organizational support. An experienced partner can assist in all phases of the project, while shortening your time to value and helping your team to maximize the return on your investment.

Contact PTC to begin digitizing your fleet data.

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Are you interested in partnering with PTC to manage your mixed fleet?
Complete this form to be contacted by PTC Sales with more information.

121 Seaport Blvd, Boston, MA 02210   :   ptc.com