

WHITEPAPER

# Optimize Enterprise Asset Management with Prometheus Mobile



PROMETHEUS GROUP



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Mobility has already established its value in many organizations and adoption continues to grow as its benefits are realized. According to the [2020 Enterprise Mobility Trends Report](#) from Clearbridge Mobile, mobile workers will take up almost 75 percent of the total U.S. workforce in 2020. International rates do not lag too far behind, with 42 percent of the global workforce achieving mobility in the same year.

Why are more and more companies adopting mobile asset management solutions? One business driver is that information and tools are needed where the work is being performed. A major benefit of mobile is that it gives users immediate access to information when and where they need it. In addition, users can update the data in real time.

Asset management systems and the people using them rely on up-to date and accurate data. Accurately capturing data and entering it at the source is essential. Mobile devices allow organizations to “capture data at the transaction point,” as well as provide “remote asset monitoring and control.”<sup>2</sup> Having the ability to collect information and enter it directly into the system in real time provides for better decision making and faster reaction time. This helps to minimize downtime, increase asset availability, and meet compliance standards.

Mobility has a strong role to play in improving the asset management process. Mobility that offers seamless integration with your ERP, CMMS, or EAM saves time and

increases efficiency. This whitepaper will explore the benefits of using mobile devices in asset management activities and how mobile technology can extend innovation to the edge of the enterprise.

### Mobile Enhances Asset Management

Many industries have already recognized the benefits of empowering their workforce with mobile devices. However, to get the full benefit of mobility, organizations need to clearly define their mobile strategy and identify why it will help their organization. This is especially true for enterprise asset management.



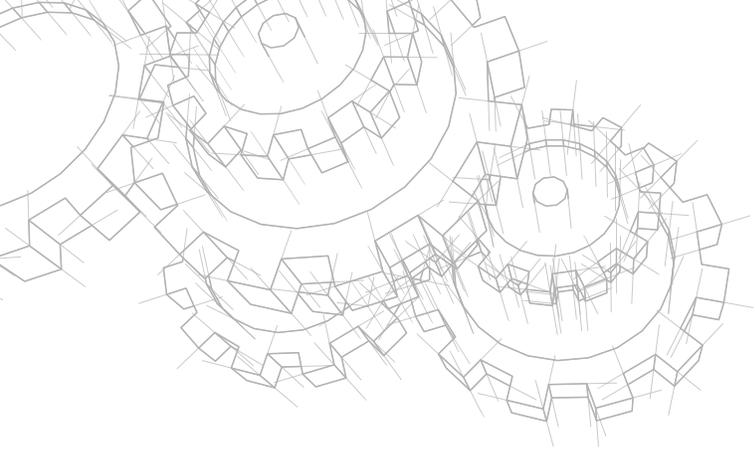
Adding mobile to asset management activities can yield great benefits. For example, increasing productivity and maximizing wrench time is often a top priority. A typical organization often sees only about three or four hours of actual wrench time per technician, per shift. There are numerous factors that take up technician time without contributing to wrench time. This includes gathering required documents, travel time, and waiting on updates.

Devices can give technicians instant access to mobile work orders, notifications, documentation, and safety information. In turn, this increases productivity and wrench time, while also providing more accurate and up-to-date data.

Increases in technician productivity and wrench time also save time and money by reducing downtime and increasing asset availability.

<sup>1</sup> <https://clearbridgemo.com/enterprise-mobility-trends-report/>

<sup>2</sup> Deloitte: “Implementing an Enterprise Mobility Strategy” 23 Aug. 2011



## What Functionality is Needed?

Asset management is behind the overall curve when it comes to mobile adoption. A 2017 report by Plant Services notes that almost 58 percent of respondents in a recent study indicated they didn't use mobile devices to access their EAM, ERP, or CMMS.<sup>3</sup>

This may be because, while mobility offers benefits, it can be challenging to decide which asset management tasks need to be available via mobile. Introducing mobile devices should integrate processes, streamline workflows, and reduce steps to save time.

*"Instantaneous access to information such as work orders, documentation, equipment history, and notifications will make a mobile solution more valuable for asset management."*

For a mobility solution to add value, it must be simple to use and easy to access with an intuitive interface. It is also crucial to have a mobile solution that is configured for your organization's business needs and the user. Some other features that a mobile solution should offer include:

### Real-time data

Mobile asset management must offer instantaneous access to work orders, equipment history, notifications, safety procedures, and other documentation. This capability saves a lot of time and can increase the quality of work.

Real-time data provides an advantage in the other direction as well. A mobile solution for maintenance and asset management must enable real-time data entry at

the source. The right software tool can ensure that all the data is entered immediately and without errors. A configurable mobile solution allows you to set rules that reject improperly formatted or incorrect data.

### Seamless integration

Improving your process requires a mobile solution that works as an extension of your asset management system. Your ERP, CMMS, or EAM must remain the single source of truth. Your mobile tool should integrate directly without any middleware or manual processes that can cause delays or loss of data.

### Access to routes and inspections

Technicians should be able to use their mobile device to view their routes, access equipment history, and enter new measurements in real time. In addition, they need to be able to respond to new equipment failures and quickly enter new notifications with required information directly into the asset management system.

### Easy to use/configurable

A mobile solution that is hard to use will have trouble gaining user adoption. Asset management is complex, and interfaces must therefore offer a high level of detail while still being optimized for tablets and smart phones. This challenge can be overcome by developing the mobile application in the native language of the device.

A fully configurable solution is desirable for many reasons. Configuration should allow you to adapt the tool to the processes best suited to your organization. In addition, user adoption can be increased by identifying the types of users and customizing the interface based on role.

### Visibility of pictures

Photos are a great supplement to written descriptions. Mobile applications for asset management and maintenance should have the ability to attach photos. This helps create a more complete record of maintenance activities and provides better visibility into equipment reliability.

### Barcode scanning

The ability to scan a barcode with a mobile device can help save time and improve searching for equipment

<sup>3</sup> <https://info.plantservices.com/mobility-can-drive-asset-management-success>

information. Barcode functionality can also be used to search for parts. It's incredibly valuable for checking items both in and out of inventory. Barcode scanning both saves time and prevents data entry errors.

### Search options

Mobile solutions should make searching for information easy to maximize user efficiency. For example, a mobile solution with search options for the availability and location of spare parts will help improve timelines.

### Document viewing

The ability to view documents in a variety of formats such as PDF will help arm technicians with the information they need to make informed decisions. Mobile solutions should provide access to key documents such as work order instructions, technical bulletins, and safety instructions. Another added benefit of this functionality is that it helps cut down on printing.

### Quick implementation, flexible deployment

Adding mobility should not be a lengthy process. By having a quick and flexible deployment of mobile solutions, organizations will see the benefits of the solution almost immediately.

### Work online and offline

Because workers in the field may not always be connected, a mobile solution should allow the user to work offline and then automatically upload information once a connection has been established.

## Prometheus Mobility

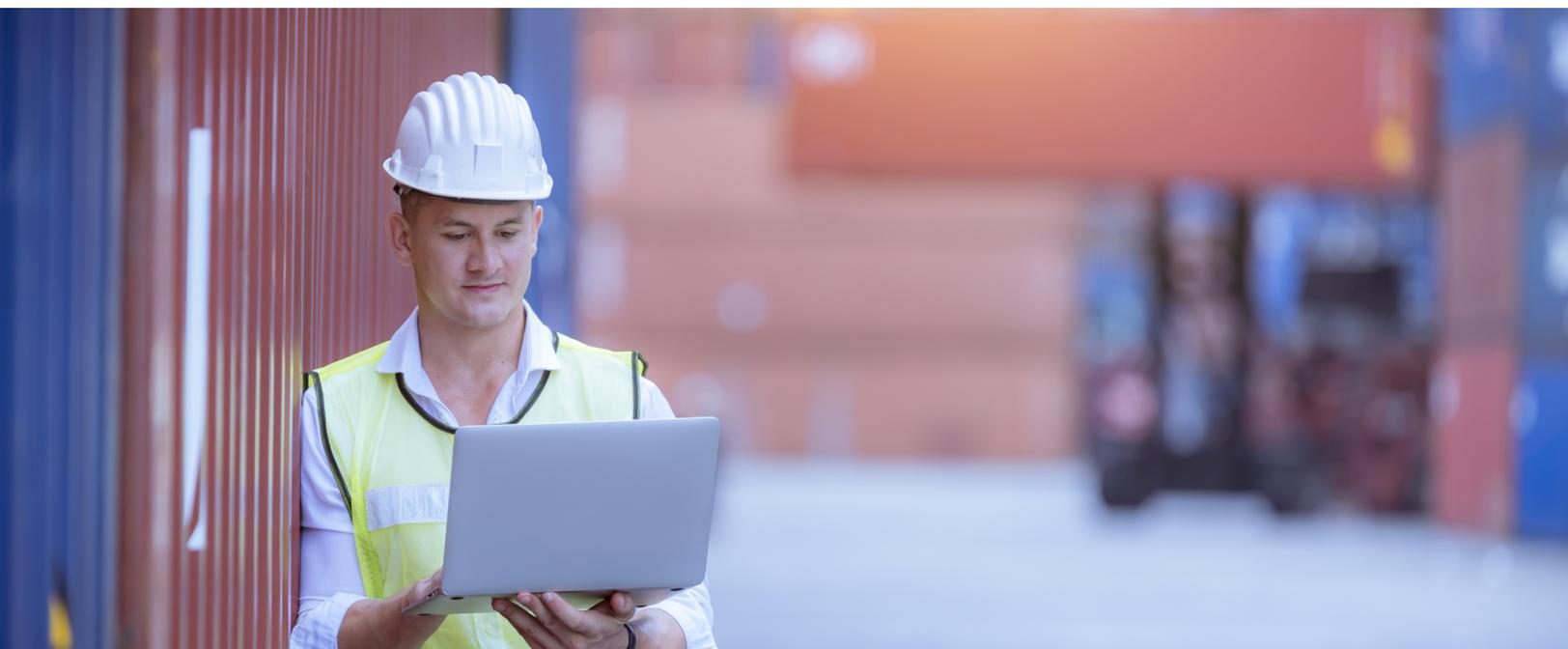
Prometheus Mobility provides an intuitive, feature rich mobile application designed to work entirely within your ERP, CMMS, or EAM, integrating processes and extending your asset management capabilities to the field.

Designed for the needs of maintenance and asset management, Prometheus Mobility is highly configurable. This powerful configuration ability means that the tool adapts to the processes you want, rather than forcing your organization to adapt to it.

The solution takes full advantage of Prometheus Group's long history of ERP, CMMS, and EAM integration. This means all essential data is entered and accessible in real-time. Prometheus Mobility is fully usable in both online and offline modes. Users can easily and automatically upload all data when a connection is established.

Prometheus Mobility is also fully integrated with the other modules of the Prometheus Platform. Each module is fully functional on its own, but even more capabilities are unlocked when they are tied together. The Prometheus Platform is a complete asset management suite, with the potential to improve every stage of the maintenance process. [Find more information on the Prometheus Platform here.](#)

Finally, Prometheus Mobility is compatible with a wide variety of devices including Windows, iOS (Apple), and Android, and is developed in the native application for each, providing for a rich user experience.



### Benefits of Prometheus Mobility include:

- Improved, more efficient workflows
- Instantaneous reporting of failures with real-time notifications
- Accurate time confirmations from field technicians
- Access to equipment history while in the field
- Attached pictures associated with reports
- Barcode scanning to find equipment numbers
- Search options for availability and location of spare parts
- Access to schedules, work orders, technical documents, and BOMs when needed
- Safety instructions on-site
- Work order assignment to specific technicians without printing



### Summary

Mobility offers incredible benefits for asset management, including increased productivity, decreased costs, and reduced risks. However, it is crucial to identify a mobile solution that integrates multiple processes, works within your system, is simple to use and can help improve user workflow. Prometheus Mobility increases the capabilities of your ERP, CMMS, or EAM by providing real-time access and seamless integration.

*To learn more about features and functionality, visit our website and review our Prometheus Mobility section.*

[LEARN MORE](#)

## About Prometheus Group

Prometheus Group is a leading global provider of comprehensive and intuitive enterprise asset management software solutions that work within ERP systems and span the full work management life cycle for both maintenance and operations. Developed jointly with end users, Prometheus software enhances the customer experience for planning, scheduling, and executing work for both routine maintenance and shutdowns and turnarounds, all while protecting the workforce with safety solutions and electronic permit to work. Our straight-forward functionality, graphical visualization, and simple processes enable customers to increase productivity, reduce costs, and improve reporting. For more information, please visit [www.prometheusgroup.com](http://www.prometheusgroup.com).