

"Mobile solutions continue to gain interest as a way of saving significant labor costs and putting detailed information in the field. Many EAM vendors already have some form of partnership with specialist providers to be able to support this feature."

Kristian Streenstrup,
Research Vice President
Gartner Group

Note: Mr. Streenstrup cites Blue Dot Solutions as a prominent mobile solutions vendor providing the industry with complementary EAM support in his article.

"Mobilized Asset Management is an old concept using new technology that promises to significantly increase productivity when properly deployed. The use of handhelds with wireless connections to critical information is powerful and tempting. Providing fast, useful, reliable and secure access is the challenge."

Houghton LeRoy
ARC Advisory Group

Note: Mr. LeRoy cites Blue Dot Solutions as lead supplier supporting this trend in his article.

Mobile Solutions for PeopleSoft Enterprise customers is the use of wireless and hand-held devices for asset related work processes to increase productivity and reduce operational costs. Specifically, relying on mobile wireless devices to handle work assignments, asset information and job completion is an effective way to increase workforce productivity and optimize resources. With today's employees more mobile than ever, asset-centric operations are the ideal implementation ground for any PeopleSoft Enterprise customer seeking to gain significant and immediate business value across their mobile workforce.

Mobilized Maintenance Management for PeopleSoft Enterprise

Mobile job tasks to extend PeopleSoft Enterprise Maintenance Management beyond the traditional desktop environment focus on a wide range of remote work order management processes. Mobilized Maintenance Management for PeopleSoft Enterprise enables maintenance and operations professionals to streamline field-based work processes. All aspects of work order management at the work site are covered by the extended functionality of PeopleSoft Enterprise Maintenance Management where users can select their choice of hardware and connectivity (real-time or right-time) to support the way they work.



Specifically, the work order management job tasks entail asset and location details, job plans and costing, scheduled dates and priorities, instructions, and both material usage and labor hours. In addition, the solution is configured to leverage RFID for both predictive and preventive maintenance operations if so desired. Since real-time connectivity is not guaranteed from remote field locations, the solution is typically implemented in a disconnected/store and forward (synchronization) environment so all mobile job tasks can be completed without connectivity to the PeopleSoft Enterprise server.



●●● mNOW!® Mobile Framework

Mobile Solutions for PeopleSoft Enterprise was designed within Blue Dot's mNOW!® Mobile Framework. In addition to providing a mobility extension and offering for PeopleSoft Enterprise, mNOW! also addresses the long-term requirements for a company wide mobile business strategy. Specifically, mNOW!'s unified framework can fully integrate with other existing backend applications and systems to rapidly create flexible mobile solutions across all lines of business. Combining advanced client and server technologies, mNOW! provides a comprehensive set of functionality to manage the entire lifecycle of a company's mobile strategy.

●●● mNOW! Application Design Tool®

The mNOW! Application Design Tool® is the sophisticated mobile application builder used to create Mobilized Maintenance Management for PeopleSoft Enterprise. If so desired, the Tool provides PeopleSoft Enterprise customers with an amazingly easy (XML configurable) GUI interface to modify and grow their PeopleSoft Enterprise mobile solution. The mNOW! Application Design Tool® uses drag and drop functionality to modify and enhance the mobile solution interface, application workflow, synchronization rules, and all other logic required for your organization's specific mobile implementation.

●●● mNOW! Middleware

Mobile Solutions for PeopleSoft Enterprise is packaged with sophisticated Middleware for advanced integration and connection management functionality. The Middleware supports unlimited number of PeopleSoft Enterprise mobile users; in addition it serves as the same integration conduit for any new mobile application needing to interface to other existing backend applications and systems. In total, the Middleware has ten integration service options ranging from XML, Web Services, ODBC to traditional flat file to name a few.

The mNOW! Middleware Connection Management component provides a system administrator's view into the entire PeopleSoft Enterprise mobile workforce, in addition to all other mobile users interfacing to other existing backend applications and systems. Connectivity reporting, analysis, mobile application maintenance, and a graphical KPI mobile performance panel provides powerful analytical tools to keep you mobile workforce up, running and productive.