



Application Brief: PPT8800 Mobile Asset Management Solution by Syclo

Asset Management Meets Mobile Computing

Partner Profile: Syclo



Syclo designs mobile asset management computing solutions that enhance how workers perform their jobs - without disrupting their natural workflow. Syclo's SMART Suite is the most popular asset management solution available today and is used by thousands of technicians daily. With Syclo's technology, workers electronically capture accurate data at the point of performance and access critical information in real time.

The Challenge: Managing the Maintenance of Enterprise Assets

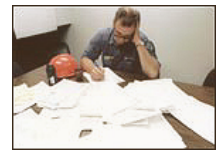
Twenty years ago, maintenance organizations viewed Enterprise Asset Management (EAM) software as a novelty. Today, it is the standard way to manage the maintenance of physical assets, such as plants, equipment and buildings. Each day, nearly 5 million maintenance technicians receive their daily work orders from an EAM system.

Whether you maintain your assets in-house or outsource, you know that EAM systems are mission critical. In fact, EAM systems have become powerful tools - often delivering greater capability than an organization actually utilizes. As maintenance organizations seek to take greater advantage of these powerful systems, they are constrained by two factors:

- The need to populate their EAM system with quality data
- The need to facilitate the flow of this information throughout the organization

Currently, connecting technicians to the EAM system requires paperwork and extensive data entry. The technician receives the work order and proceeds to the appropriate work site. From communicating the job to the technician, to recording its completion, all steps rely on paper forms and require manual database entry. Obviously, timeliness and accuracy suffer.

By definition of their responsibilities, all technicians are mobile, whether they are on the plant floor or at the customer's door. It stands to reason that when they are disconnected from their source of information, they cannot do their jobs as effectively as possible.



Organizations are looking for technology to improve the asset management process and ultimately enhance the reliability and life spans of their assets. By increasing productivity and facilitating information flow throughout the maintenance organization, mobile technology is proving to be the leading candidate.

The Handheld Mobile EAM Solution

Syclo and Symbol Technologies have partnered to provide organizations across a wide range of industries with mobile asset management solutions. Syclo's runs on Symbol's utilizing Windows Mobile™ 2003 for Pocket PC. The system enables maintenance organizations to replace paperwork and data entry with a simple -to-use, electronic process - unlocking tremendous productivity gains.

- Paperwork and data entry are eliminated since work orders are viewed electronically while data is captured and reported automatically.
- Maintenance technicians receive valuable information at the point of performance, enabling smarter decision -making with real -time access to parts history, availability, etc.
- Productivity is enhanced as you reduce foot traffic and increase speed and efficiency of work orders completed.
- Asset life is extended since you achieve more asset touches, with more time for preventative maintenance over the long haul.
- The quantity, quality and timeliness of EAM data are dramatically increased, giving you more accurate visibility into maintenance operations and the lifecycle of valuable assets.

As a result, many organizations are allocating resources to purchase mobile computing solutions. It's a smart strategy that enables them to maximize their initial investment in an EAM system. With typical project payback time of three to six months, mobile EAM solutions are the most compelling new technology investment for maintenance organizations.

Five Applications PrePackaged or Easily Integrated

The SMART Suite collection includes five pre-packaged, easily integrated software applications that can ease workflow and improve productivity.

Speed the exchange of data between technicians, rounds inspectors, inventory managers and supervisors by automating work orders, inventory tracking and other key functions.



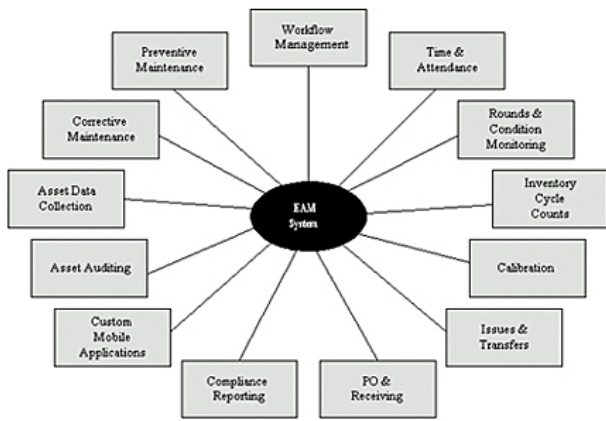
Streamline inventory management by automating cycle counts, issues, transfers and returns --preventing out-of-stock hassles and keeping storerooms running smoothly.



Collect equipment measurement points and instantly update asset records from the field, eliminating forms and easily identifying problem trends to protect your company's assets.

Build and verify your location and equipment information from the field by arming inspectors with handheld computers to collect and record equipment data.

Connect technicians directly to the call center, enabling them to work smarter and faster; access more timely and accurate data; and provide superior customer service.



The Syclo/Symbol solution speeds the flow of information from the field into the EAM system, covering every aspect of a maintenance operation. Storerooms run more efficiently. Equipment location information is built and verified from the field. Equipment readings are more timely and accurate. Even field service technicians have direct access to the call center. Suddenly all players are connected via a secure wireless network, sharing information and reporting progress all in real time.

Benefits Seen Across a Variety of Industries

The versatility of SMART Suite software coupled with the power of Symbol's PPT8800 and Windows Mobile™ 2003 for Pocket PC makes this an effective asset management solution for a number of industries.

Manufacturers are:

- > Capturing more data for OSHA and ISO 9000 reports
- > Eliminating unscheduled downtime
- > Meeting ISO, CFR 21 and other requirements

Energy transmission and generation firms are:

- > Automating condition monitoring, data capture and rounds and readings
- > Creating new work tickets from substation and pipeline locations, and from virtually any part of the plant or well head
- > Improving timeliness and accuracy of data collection to ensure regulatory compliance
- > Quickly updating supply-chain data

Government entities and facilities management companies are:

- > Eliminating foot traffic and unnecessary travel
- > Improving billing and customer service
- > Better utilizing CMMS reporting tools

Healthcare providers are:

- > Delivering critical EAM data to the point of performance
- > Capturing more data for JCAHO and OSHA compliance
- > Ensuring environmental quality standards are met

And, participants in all of these industries are increasing technician effectiveness even at remote locations, reducing costs, effectively isolating problem equipment and increasing productive maintenance time.

Conclusion

Mobile asset management can provide real productivity gains throughout your maintenance enterprise. Imagine eliminating a single piece of paper - say, a work order - and then think about the thousands of pieces of paper and hundreds of hours of data entry and paper shuffling that have been hindering your operations. Syclo and Symbol can help you overcome the bottleneck with the mobile asset management solution that best suits your organization.

To learn more about the Syclo and Symbol Mobile EAM Solution, or visit .

Symbol's PPT8800 Brings Versatility and Power to Your Mobile Asset Management Solution

The PPT8800 featuring Windows Mobile™ 2003 for Pocket PC is designed for mobile workers and managers within the enterprise who require a rugged, high-performance, handheld computer. The device is powerful enough to execute mission-critical applications, yet small and light enough to be carried in a pocket or on the hip. Its versatile features support broad systems deployments, including ample memory capacity, USB client, AirBEAM®, IEEE 802.11b and Bluetooth™ connectivity, to name a few. Plus it is available with software, peripherals, accessories, and services that add compelling value to the operations of companies and enterprises worldwide.



Features	Benefits
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Syclo SMART Suite software	Automates workflow, improves productivity, and enhances accuracy and volume of data collected
Five software applications: Work Manager, Inventory, Auditor, Rounds, and Field Service	Provides real-time information sharing across every area of a maintenance organization
The small and lightweight Symbol PPT 8800	The smallest and lightest device in its class, powerful enough to support mission-critical applications
Windows Mobile™ 2003 for Pocket PC	Flexible development environment and ability to adapt with existing applications
1D laser bar code scanning with linear RSS decode support	Captures information accurately every time
Cradle support and larger capacity battery options	Adds flexibility and versatility for application specific needs
Wireless networking capability via 802.11b (WLAN) or Bluetooth (WPAN)	Enables real-time communications and decision making, secure transactions and investment protection
Sealed and rugged housing	Endures extreme temperatures and multiple drops to concrete, and protects against water and dust

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