



Better Assignment, Prioritization and Tracking through Mobile Work Order Management

Challenges Facing Midstream Oil and Gas Organizations

Midstream oil and gas companies who still rely on paper-based systems to conduct maintenance face a number of problems that interfere with smooth and successful maintenance operations. These manual maintenance processes often lead to:

- Stifled collaboration
- Slowed data collection
- Impaired work order assignment and prioritization
- Made planning and scheduling difficult
- Hampered technician wrench time
- Caused work order backlogs and reworks

Organizations need to keep exploration, refining and power generation assets running at peak efficiency. A mobile work order management tool can help bring maintenance groups together to better address preventive and corrective maintenance tasks.

Introducing mWorkOrder

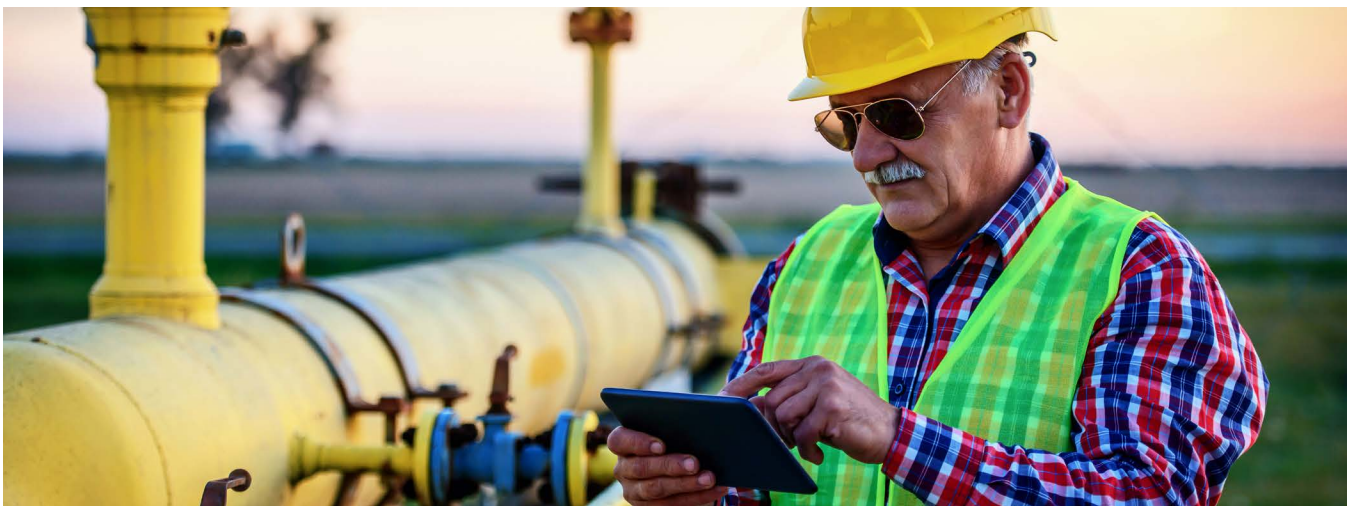
A mobile work order management solution like Innovapptive's mWorkOrder can help address a number of widespread issues. It replaces problematic manual maintenance work order process. It can also help:

- Eliminate manual data entry and paper work orders
- Better align work order requests
- Permit operators to report issues at any time and assign work based on priority
- Track preventive and corrective work orders
- Plan and schedule major equipment overhauls
- Measure backlogs and work completions

mWorkOrder does all of the above while providing five key advantages:

Portability — A frontline worker equipped with a smartphone, tablet, scanner, smartglasses or smartwatch can go virtually anywhere within a company, even to far-flung, remote sites, and still be productive at any time. The employee can digitally collect data and transfer valuable information without ever filling out a paper form or an Excel spreadsheet. A good, intuitive mobile work management solution enables data collection in offline mode, syncing up when a Wi-Fi connection is restored. A field technician doesn't need to be in the physical confines of the office to upload operational and maintenance information.

Visibility and data accuracy — Accessible, reliable information is at the heart of any successful preventative maintenance program. A mobile work management solution increases visibility into operations, data accuracy and confidence as information is collected directly in the field by field staff and relayed in real time back to the main office. Managers and supervisors can now make decisions based on real-time information and facts gathered from the field rather than making assumptions.

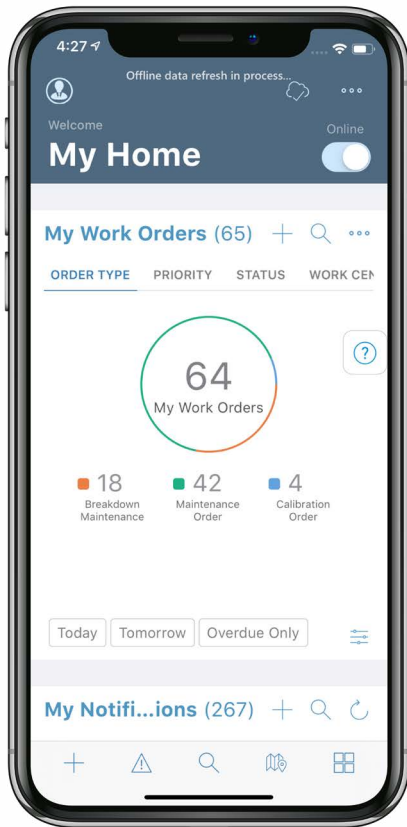


Planning and scheduling — Managers and supervisors who have greater data accuracy and visibility can make better decisions on how best to align and utilize their resources to accomplish maintenance work orders faster, better, cheaper and safer. Maintenance backlogs decrease with more efficient planning and scheduling, and plant uptime increases.

Productivity — Mobility reduces the time spent on things other than measurable work. It's estimated that two-thirds to three-quarters of a technician's time is wasted on non-productive effort. Plant operations staff spend a substantial amount of time in the back-office processing system transactions. This leads to waste through excess waiting time and motion. Mobility reduces that wasted idle time. Workers can spend more time doing and less time waiting, improving time and productivity while reducing costs and duplicated efforts.

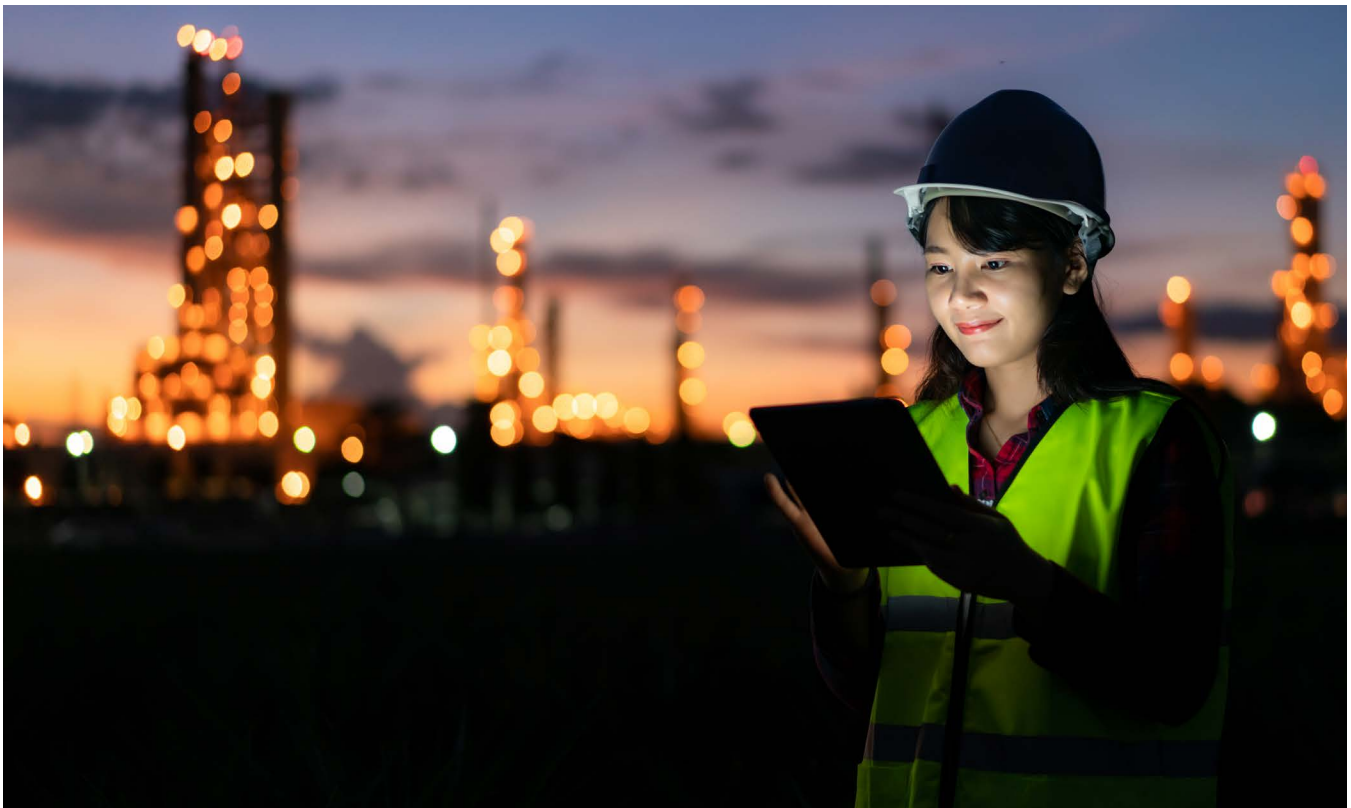
Collaboration — Mobility provides greater connectivity at every level of an enterprise. It eliminates troublesome information silos and approval bottlenecks. Data is shared freely and is more accessible. No one is operating in the dark or making educated guesses. Instead, data is verified in the field and shared in real time, providing greater visibility into operations and giving everyone a clear picture of where the company stands at that moment. Now groups can work better together. They can spot trends, identify problems, devise solutions and drive operational efficiencies enterprise-wide, not just in their specific area.





mWorkOrder can be implemented in as little as 10 weeks, consolidating all maintenance work orders into one system to minimize downtime and track costs. The solution allows each work order to be assigned by craft and tracked to completion, ensuring an automated assignment process delivered by push notifications on devices like iPads.

Maintenance Technicians can use the mWorkOrder solution on their iPads and connect in real-time into the SAP Plant Maintenance (PM) module for work orders, notifications, equipment and time entry. Since many of these equipment are in remote areas with limited cellular network availability, technicians need a solution that works offline. mWorkOrder's offline capabilities allow technicians to input all their data in an iPad, even when there is no connectivity. Once the tech reaches a spot with cell reception, their data syncs to SAP automatically.



Results

Maintenance doesn't have to be a highly manual process. Accurate information can be entered into work orders directly thanks to Innovapptive's mWorkOrder solution. This increases maintenance technician utilization by 20%. Frontline operations teams earn increased visibility over maintenance, and can access internal data they never had before. Management can see how valuable each technician is to their bottom line and can easily track how much work is being done.

One of major issues in corrective maintenance can be the inability to speed up communication. With mWorkOrder, when the maintenance route changes, the technician being notified through a mobile notification means that the technician does not need to go back to the central office or scheduling board to see that the order of his work has been adjusted. Supervisors can view and approve notifications and work orders from their mobile device. Complete visibility on mobile devices including pictures and notes is key to speeding up the corrective maintenance process and increasing wrench time.

We've seen organizations experience gains such as:

- Increased work capacity by **20%**
- Greater productivity by **30%**
- Reworks cut by **20%**
- Downtime decreased by **30%**
- Maintenance backlog reduced by **60%**

More Information

To learn more on how Innovapptive and mWorkOrder can help your company eliminate paper, prioritize and track work orders, improve wrench time and implement a proactive maintenance strategy, [schedule a free demo today](#) or call us at **844-464-6668**.

About Innovapptive

At Innovapptive, our purpose is to help improve people's lives with the next-generation Connected Workforce Platform. Innovapptive's platform digitally connects the entire industrial workforce, executives and back office to minimize plant outages and improve operational excellence. By engineering a mobile plant maintenance platform that fuels innovation and collaboration, we are transforming the experience of the industrial worker to help uplift revenues and profit margins for our customers.



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