# worXsmart.io

is the IoT integration of devices and people for an efficient and compliant workforce. Developed by Mesh Systems, worxsmart aligns workforce behavior with performance, accountability and compliance goals under a simplified solution. Worxsmart is a workflow enhancement product that can serve any industry with any activity. It is an intuitive platform with One-Click Mobile Provisioning allowing rapid deployment and quick enablement for any employee with any skill set. Worxsmart utilizes Mesh Systems latest mobile wireless and cloud based technologies for an enhanced workforce that companions with IoT!

United States Department of Labor statistics show that OSHA penalties can range from $1,298 to $124,709 daily
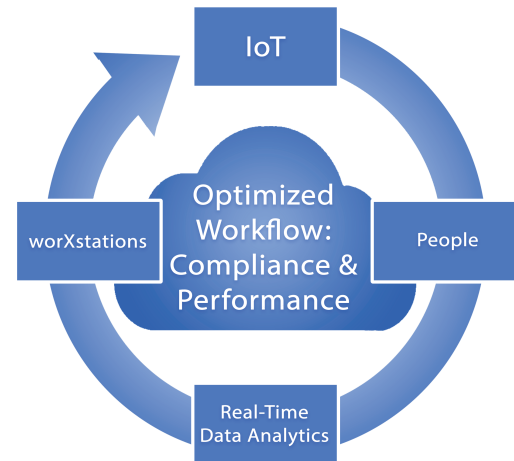
Mesh Systems was founded on the idea of adding network intelligence to connected devices. We design and deploy turnkey IoT solutions that include hardware, software, and networking frameworks for smart products. Mesh Systems provides true end-to-end solutions from embedded engineering to firmware development. Built on Azure, Mesh Systems has rapidly become a Gold Partner and trusted IoT adviser for Microsoft. We hold several awards from Microsoft for our contributions to the IoT community. CIO Review listed Mesh Systems as a top 50 IoT provider, and INC Magazine ranked Mesh Systems # 281 on the 500 fastest growing private companies list.

## Why worXsmart.io?

Worxsmart is alleviating audit, compliance and facility accountability issues for our customers. It modernizes compliance processes into an optimized workflow and uses analytics to ensure compliance goals are proactive and not reactive. Worxsmart streamlines the workflow and data for an assigned activity by reducing burden and increasing the transparency in rulemaking. It reduces compliance and regulatory cost, minimizes time on-site and maximizes the efficiency of the work performed, decreasing our customer's operational expense. Physically visiting a SmartStation ensures the stakeholder's accountability within a facility; maintaining your organizations standards. Worxsmart ensures the standards set forth by your organization are being fulfilled with the highest integrity.

## Features:

- Small device footprint with lower costs and maximum value.
- Simple to install and use with minimal training and increased efficiencies.
- Secure, cloud-based portal access to view real-time data anytime and anywhere.
- Android and iOS App for workforce optimization adapting to an organizations existing footprint.
- Configurable business requirements and customized setup for your organizations policies.
- Dashboards and real-time views of critical activities and immediate alerts for problems before they happen.



IoT · People · Real-Time Data Analytics · worXstations

Optimized Workflow: Compliance & Performance

Bloomberg reported OSHA fines have increased by 78% in 2016

## How it works?

Worxsmart provides detailed service based activities connecting people with an accountability cloud platform through IoT. The SmartStation is accessed through one of two ways: a geographical tag that tracks a users movement within a preset location (latitude and longitude) or a Bluetooth SmartStation. As long as your existing mobile devices connect to the internet it can access worxsmart. All of these features on your organization's mobile device!

## How it works? (continued)

A cadence is set for a specific visit to a SmartStation location with a number of activities to be completed and any recurring activity that needs to be verified is streamlined. An administrator can create a timeframe and a notification system for the completion or delay of an assigned activity. The activities that are being verified are tracked, reported and stored for further analysis and reporting. Customized to an organization's policy and requirements, worxsmart does not require a change in policy and it conforms to an organization's business continuity.

An administrator sets a cadence for how many visits are to be performed within a specific timeframe. For an example, a reoccurring cadence could be set to check the loading dock door 6x a day, and every 4 hours to ensure it is locked. The same scenario could be set on specific days throughout the year, for an example on August 19, 2018 at 3:00PM CST check the evaporator coil on the HVAC unit at Site # 213.

Visit: A cadence for a visit is set, and the visit physically requires the end-user to be at the SmartStation location to unlock the task on the mobile device. It can be configured to read temperature, humidity and light sensors to provide additional data or activities. It can also be reconfigured with an accelerometer to prevent tampering.

Activity: The activity is the actual job function that needs to be performed. An activity can be as detailed or generic as the administrator sets it to be, and it can easily be customized to your organization's needs. Templates are available to simplify your organization's goals into worxsmart activities for a quick large-scale deployment.

Unstructured → Reactive → Evolving → Proactive → Optimized

The Evolution of Compliance from Expense to Asset

## Existing Customer Activities and Discussions:

- Check plumbing when external temperature decreases below the freezing point
- Ensure the boiler maintenance is recorded and monitored
- Fire extinguisher maintenance checks each month
- Take a picture of the freezer temperature gauge
- Ensure security through mandatory visualization
- Check vault door, or if security door is locked
- Visit specific area of the facility three times a month
- Ensure facility maintenance for property management
- Restroom checks every two hours
- Tracking patient rounds in a hospital

"Over the last 8 years, operating costs spent on compliance have increased by over 60 percent for retail and corporate banks."
-Deloitte, 2016

Using innovative technology compliance and accountability is only possible when an employee is at a physical location. The use case for worxsmart is limitless and customizable to all scenarios.