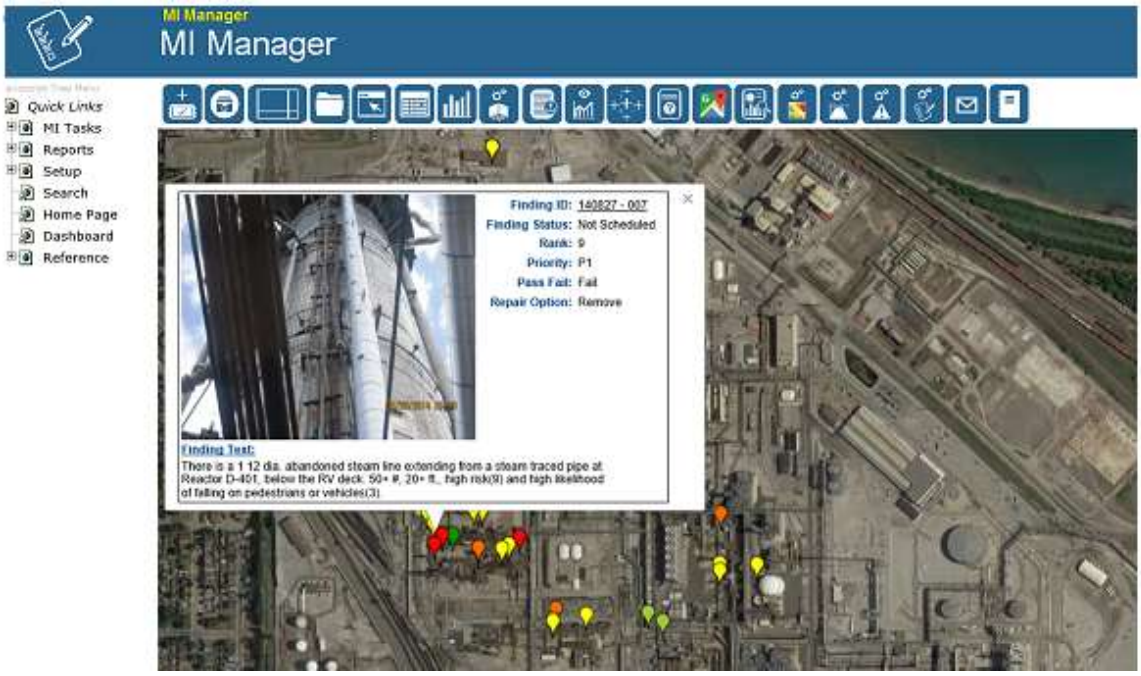
HCI Systems, Inc.
Software Solutions

Safety Integrity and Incident Tracker



Example API Tank Floor MI Screen. HCI Systems, Inc.

Over the years I have come across many Mechanical Integrity (MI) software applications. Some were very complicated and some were too simplistic. Most had a specific type of asset they were specialized in such as boilers, vessels, piping, instruments, etc. but fell short of an overall easy to use MI solution.

The screen shot shown here is of a generalized MI application that was used to track safety risks and pre-incident issues. It uses a Google Maps interface to show the region and color coded icons to represent safety risk, pre-incident issue, asset condition, etc. If you have an aerial photograph, it can use that as the background as well.

In a glance an assessment of the situation can be seen. Clicking on the asset icon, pops-up an information window that can be coded to show the findings, material loss curves, projected retire dates, inspection documents, etc. Different icons can be used to distinguish between different asset types.

The application is tablet compatible which allows the "inspector" to document the finding where it is and using GPS functionality, its GPS coordinates. It has a user configurable

checklist editor to create and edit the checklist questions. It also has a datalogger interface for data intensive information.

In incident tracking, the color icons can indicate incident severity-probability rankings which are user configurable. For H2S exceedances, the information can be displayed as a Google Map Hotspot as well. This tool, when combined with Corrective Action and Management of Change modules, provides an effect process to identify, manage and reduce risks.

As far as industry applications, it has uses in all type of industries including refineries, pipelines, chemical plants and both onshore and offshore oil & gas.

Want to know more? Visit HCI Systems, Inc. at http://www.hcisoftware.com or contact us at sales@hcisoftware.biz.