OpScope

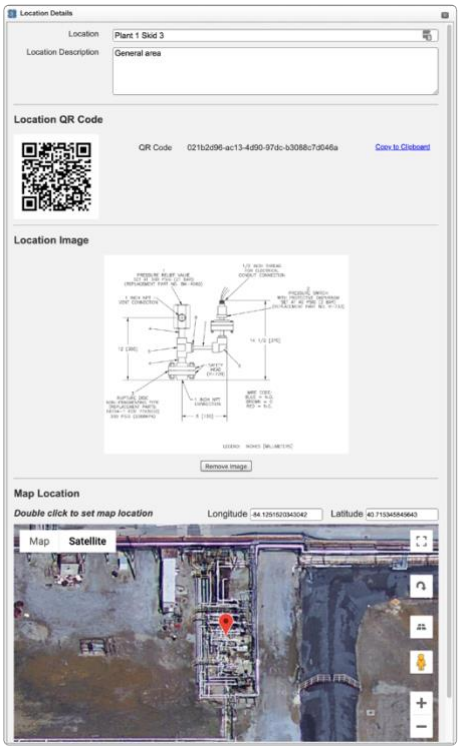
Real-time Procedure Knowledge

KENEXIS

We built a powerful tool to capture knowledge from experienced staff to easily create procedures while performing the procedure live.

We architected a tool from the core to **solve large problems** that we have experienced in operation of facilities.

Instead of spending months trying to write procedures by committee, the tool is so easy to use, you can **document a procedure while you are doing the procedure**. It does not replace your scheduling tool; we chose instead to focus on the harder function of actually capturing staff expertise and execution of the procedure.

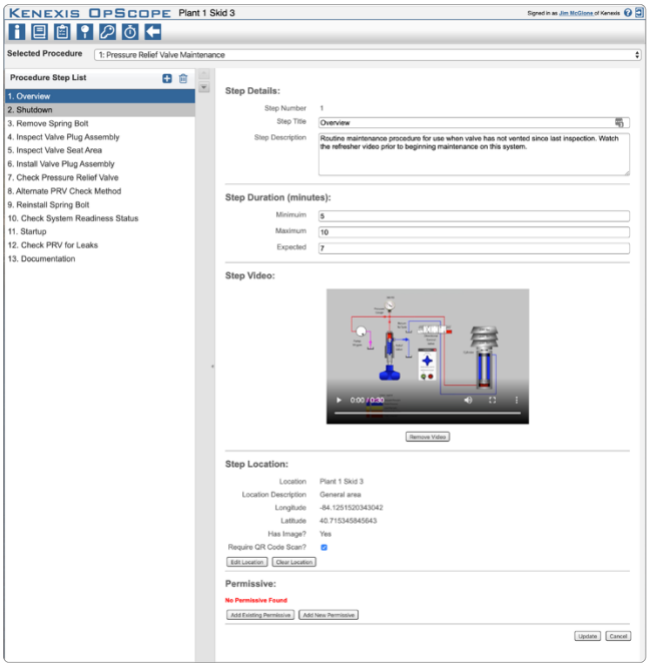


We wanted to provide **real-time situational awareness of all active procedures** throughout an organization including who, where, and what is actual in progress to which equipment. OpScope is an enterprise capable solution that is customizable for each location based on the local equipment and procedures.

When a procedure (including maintenance, operations, testing, rounds, or any other task) is checked out, the personnel who are doing the work are recorded and tracked throughout the procedure until the procedure is checked back into the system. Each procedure is as detailed as required to support all the information necessary to complete the task including the written procedure step-by-step, short & long descriptions, guides, drawings, pictures, specifications, manuals, images, video, tutorials, and more.

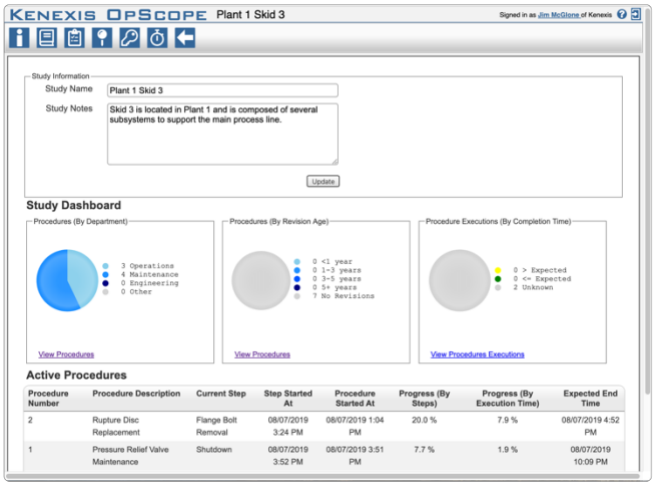
Each procedural step can include a **QR code to verify that the procedure is enacted on the correct device**. By placement QR code tags on the equipment designated in the procedure, the procedure step would require the QR code to be scanned by the device the procedure was checked out on prior to advancing the step, thereby verifying that the step is actually done on the correct equipment.

Built in **complete permissive check** ensuring that the work is only done by the right people, when appropriate, and is signed off on at completion. Like revision control on the procedures themselves, the complete permissive will record the signature and any procedural checks necessary to insure proper completion of the procedure.



The system also records the device identity the procedure was checked out on, who checked it out, who will be assisting, and other pertinent information based on the procedural requirements. This also begins GPS location tracking using the device itself, typically a site approved cell phone or tablet that meets your area classification requirements is used to perform the procedure. **Operations will know who is where and working on what.**

By recording the procedural work step by step, you can further **analyze effort looking for ways to be more efficient and reduce delays** in accomplishing needed tasks. If the same step always takes longer than the procedure predicts, then decisions can be made to adjust the time requirement or look for ways to optimize the step like “prestaging equipment, tools, or additional personnel”.



Our dashboard provides a real-time view of what procedures are active throughout their facility and where the personnel are located performing those procedures.

Kenexis is an independent consulting engineering firm that provides technical safety services, performance-based fire and gas mapping, and risk analysis for industries that manage risks related to chemicals or stored energy.

We specialize in analyzing risks of any process under control or material in containment in order to quantify the hazard, design reduction targets, and ensure the selected targets are met.

Analysis is done using a risk-based process where the selected equipment, maintenance, and testing procedures are tailored to specific requirements of an application.

The risk-based approach yields a design that provides the required risk reduction to a manageable level at minimal cost.

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