How Software Supports Continuous Improvement In Industrial Maintenance Tasks
Industrial maintenance companies use cutting-edge software to save time, reduce costs, and bring customers optimal results. Here's an inside look at how job planning tools allow companies to up their game, and yours too!

The Evolution of Software & Job Planning Tools

In the 80s, software was used to create the first project management systems that made sense for the construction industry: accounting management tools. Construction companies could do away with excess paperwork, and manage payroll, income, and expenses digitally.

By the 2000s, the internet was mainstream and software started moving into the cloud. This shift facilitated easy collaboration between team members. Suddenly, professionals could meet and organize in this virtual space, no matter their location.

But, construction is a multifaceted industry. It took more than a point solution — software that addresses a single use case within a business — to make software invaluable to companies.

Thankfully, technology continued to evolve. Today, the popularity of smartphones, high-speed internet, and affordable computing power has made it possible to collect, send, and integrate data with unparalleled ease. Software developers started to create platforms that answered specific industry needs. Enter: job planning tools.

Job planning tools allow managers to improve connectivity, control, and data collection across the company. Plus, team members can communicate and update projects in real time. Think of it as all your favorite apps— from finance tracking to social media to email— combined in one. So, whether we need to identify parts crucial to a job, or assess maintenance metrics, it's all in one place.

The Benefits of Using Job Planning Tools for Us, and Our Clients

For industrial maintenance companies, the right software saves time and enhances worker quality. In other words, it prioritizes continuous improvement. For the customers of maintenance companies, that means lower costs without lower quality.

However, the software is only effective once we, at BNV Mechanical, have tailored it to our needs. We input the correct processes and objectives, so the system tracks relevant data. Our in-house implementation process enables us to gather useful insights in the short- and long term.

Once this step is complete, we can create a digital workflow. Then on-site, workers cut down on pesky paperwork and instead follow digital instructions from smart devices. Images and AR experiences are added to documents before and during the repair process so that workers have all the information needed to get the job done effectively and efficiently.

Plus, if questions arise, workers can connect with their peers and on-staff experts for advice. An issue that might've interrupted workflow is resolved through a video chat - a real-time way to harness the power of teamwork.

Through AI-powered operational insights, we're also able to identify opportunities for improvement within our team. The program tracks worker progress and labels those who take longer to perform a task as learning employees. Supervisors can then recommend extra training to make them more efficient. On the other hand, the program cuts out redundant work steps for proficient employees. The instructions will reflect their skills, and they'll get the job done faster.

AI also analyzes data, like employee productivity, income, and expenses, to create a personalized dashboard. We use this to make data-driven decisions that allow continuous improvement across the company.

The platform keeps us from missing those small details that are essential to industrial maintenance. Each job is completed and tracked comprehensively so that our team is well-informed the next time around.

Using Technology to Improve Workflow

We use job planning tools to ensure continuous improvement within our organization and lasting results. The software allows us to have company operations at our fingertips, so solutions, insights, and collaborations are a few taps away. It's a low-maintenance solution, no?