

CLIENT

**C & D Mechanical, Inc.**


**“Adding GPS trackers to our expensive ProPress systems allowed us to completely eliminate loss saving us close to \$20,000. We were also able to serve more customers in the process by keeping the ProPresses in circulation.”**

**KEN MEYER**  
VICE PRESIDENT

INDUSTRY

## PLUMBING RENOVATION

THE SOLUTION

To reduce expensive replacement costs, C&D Mechanical needed an asset tracking solution to monitor the use and location of its high-value tools. Using off-the-shelf GPS devices and the Losant dashboards, C&D was able to monitor each tool’s location, time in use and time in inventory. Real-time tool location information increased productivity and saved the company tens of thousands of dollars in replacement costs.

ABOUT LOSANT

Losant is an Enterprise Internet of Things Platform that enables building real-time connected solutions.

- Accelerate the creation of connected IoT solutions
- Enhance the customer experience with real-time data
- Provide enterprises with a secure and scalable foundation
- Integrate new and existing network and hardware systems
- Customize options to fit the needs of any business

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CUSTOMER OVERVIEW

C&D Mechanical is an industrial plumbing services company which offers plumbing, HVAC, pipe and valve fitting services and supplies. C&D Mechanical is based in Cincinnati and serves mid to large size commercial customers.

THE PROBLEM

In less than a year’s time, C&D spent more than \$20,000 to replace ProPress systems; which are tools used to connect pipes for commercial plumbing installations. The business needed an asset tracking system to monitor the use and location of these valuable company resources. An effective solution also needed to track the number of tools in circulation and the length of time out in order to minimize time in transit or inventory.

THE BRIEFING

C&D installed Queclink GL505 GPS devices on each ProPress tool and implemented a custom Losant gateway. Using the Losant enterprise IoT platform’s easy-to-use data visualization tool and drag-and-drop reaction editor, C&D leadership built a dashboard to view the exact location of every item in inventory in real-time.

THE RESULTS

Real-time tool location information reduced C&D’s loss by 100% and increased productivity by more than 10%. The Losant IoT platform’s ease-of-use enabled the business to set up the tool tracking solution quickly in-house and avoid a significant investment in developer resources.

THE NEXT OBJECTIVE

Next, C&D would like to use IoT solutions to increase its service offerings for healthcare customers. The company would like to provide real-time water quality monitoring for hospitals which rely on C&D to help monitor lead levels for compliance.

C&D also plans to install additional asset tracking solutions for company vehicles and other high-value resources.

