Predictive and prescriptive maintenance is closer than you think

Dude Solutions is combining the power of Asset Essentials CMMS and the Internet of Things (IoT) to help you maximize equipment uptime and optimize asset maintenance costs.

**Asset Essentials + IoT**

IoT refers to sensors, instruments, and other connected devices that work together or communicate data in some way. This connectivity allows for automates data collection, exchange and analysis, allowing for improvements in productivity and efficiency with the overall goal of improving asset performance, uptime, longevity and ultimately profitability.

Dude Solutions’ world-class manufacturing CMMS, Asset Essentials, provides you with robust data and insights into your operations. Connecting your machines’ condition and operational data directly to Asset Essentials will allow you to capture and use this data without any manual input from your employees. This automated data sent to Dude Solutions’ IoT capability solution will enable you to:

- Record and visualize connected machine or assets’ operational information such as usage (hours run, cycle count, widgets produced, etc.) or condition information (pressure, temperature, vibration, metrology, etc.)
- Build simple UI driven rules to generate alarms on operational parameters or condition parameters
- Automate a work order request, based on the alarms to enable prescriptive and just-in-time maintenance requests

**What will the solution look like?**

Asset Essentials IoT solution creates a bridge between the assets / buildings and Asset Essentials to:

- **Capture** data from equipment / assets
- **Translate** and make sense of that data, flagging when anomalies occur
- **Trigger** automated workflows within Asset Essentials

Dude Solutions is making IoT technology accessible and easy to use for all manufacturing operations, regardless of the size and scale of the business.