



Industrial Andons, LLC

Efficient Manufacturing Solutions

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In This Issue

- New Cloud Based Service
- D&S Realizes Huge Efficiency Gains

Trial Andon systems now available with fully-functioning software control for the trial period.

The new web-based data resource is now an available option as part of a pre-purchase, trial Andon system, both to new clients as well as current customers who do not have the software. Please call or email for details.

New Cloud Software Demonstration Videos

- [Web Monitor Configuration Training Video](#)
- [Problem Matrix Configuration Training Video](#)
- [Recording Problems Training Video](#)
- [general information videos](#)

Document Links

[Always get the current Users Manual here.](#)

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New Cloud Based Service for Tracking, Reporting & Monitoring Your Facility



automatically.

Industrial Andons' resource control software has moved to the cloud! What was before difficult to configure and install locally is now an easy to configure and setup online service, by a secure username and password. With this new functionality, the graphically easy-to-use form will always be up to date and new features and functionality added

The Industrial Andons software is a web-based subscription service that can be easily accessed from any computer with an internet connection (office, home, or on the road). The computer module is the physical component which monitors the wireless andon signals in the environment, and sends a record of all signals to the web based system. The software allows different forms of communication and analyzation of data. It can send out different email messages tied to each andon light per Floor Signal Station, and can feed a flat-screen monitor attached to a computer on the network, such that you can monitor your entire andon environment status on one screen. There are capabilities that allow you to count operations, time operations automatically, tag specific switches so that a problem report is required when the switch is turned on, run reports to analyze data and export the raw data into Excel and other formats for further charting and analysis. Most importantly, the data transmitted from the andons and communicated to smartphones and monitors via the cloud-based software is real-time, so the specified recipients will know the moment that an andon is triggered.

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D&S Realizes Huge Efficiency Gains



D&S Manufacturing is an ISO9001:2008-certified contract manufacturer in Black River Falls, WI that installed an andon system from Industrial Andons in 2010. According to Production Control Manager Rob Bucek, the system has played an integral part in allowing the company to improve velocity, reduce setup time, and even more importantly, add capacity without adding more equipment. Previously, machine operators were responsible for retrieving their own materials using a fleet of 19 fork trucks. By installing an andon communication system, D&S was able to to dedicate 6 employees to focus solely on material handling, and as a result translate the recaptured

hours of their operators into additional manufacturing capacity without adding new equipment.

The andon system gave operators an easy and efficient tool to communicate their needs in advance to the material handlers to avoid work stoppages. Operators could now request material in advance of starting their next job, receiving materials, tools, and fixturing as a package. With the addition of the dedicated material handlers, scheduled move and queues between operations went from 8 to 12 hours down to two hours, and also translated to increased traceability, because instead of over 100 different people getting things and putting things away, now only 6 people across 3 shifts were able to do so in a more organized manner. This not only resulted in a huge increase in velocity, but also in reducing the number of fork trucks from 19 to 6 while simultaneously expanding the plant from 70,000 to 130,000 square feet!!

“In short the functionality of your system was the perfect catalyst for the radical changes our operations and employees required on our lean journey.” Rob Bucek, D&S Manufacturing

D&S uses four definitions for their material handlers: Red – no material, work center not producing (a message the material handlers take very seriously), Yellow – need material soon (‘will be red in 15 to 30 minutes if you don’t get me what I need’), Green – completed parts ready for next operation or staging, and Blue – non-emergency supervisor pages. In addition, D&S has started to integrate the andon system to some of their equipment for purposes of measuring utilization, which they use to implement positive improvements to recover lost opportunities. Overall, one can see that D&S has used their andon system to great success, allowing them to implement Lean solutions that have resulted in huge gains in efficiency. If interested, you can contact Rob at RBucek@dsmfg.com for more information about their andon system, or D&S’s manufacturing services in general (www.dsmfg.com).