

Global Leading Manufacturer of Irrigation Products Realizes Continuous Improvement with Sepasoft MES!

HUNTER INDUSTRIES OEE + SPC CASE STUDY

For more than 35 years, Hunter Industries has been a leading global manufacturer for both lighting and irrigation products for residential and commercial properties. Learn more about how Hunter Industries realized year-over-year continuous improvement along with better SPC trends and data analyses that, to this day, continues to increase their overall bottom line.

Custom Built In-House Solution Receives Notable Transformation

Prior to implementing the Sepasoft® OEE Downtime and SPC modules as a solution, continuous improvement was entirely dependent on manual data collection and user input, delaying data aggregation and improvements by days or weeks. Data collection was therefore unreliable and inefficient, causing delays in providing engineers and operators with the tools they need to improve efficiency.

“Before we had Ignition®, it took me four days to get that data...now it takes me about a minute and I can pull up our site’s OEE, our different product lines’ OEE and if I see anything going on on the line, I can contact that ME right away and say ‘Hey, what’s going on?’ and we know ‘Hey this is down because of this, we’re having cycle issues’ or whatever is going on.” —Javvad Syed, Senior Manufacturing Manager

Built on the Ignition® platform, the Sepasoft® OEE Downtime and SPC modules help Hunter Industries maximize efficiency year-over-year. They manufacture controllers, rotors, rotary sprinklers, spray head sprinklers, nozzles, valves, drip irrigation, weather sensors, and more. Hunter is able to acquire more reliable data trends and analyses and fully transform their entire manufacturing data acquisition process, from a time consuming custom in-house built manual effort to a more robust, real-time automated process! Hunter found that the OEE module answered to their need for real-time efficiency analysis, as well as efficient monitoring of trend charts and alarming.



OEE Downtime Module Features

- + Real-Time Efficiency Tracking
- + Downtime Data Collection
- + Executive Dashboard
- + Enterprise Integration
- + Mobile MES Access
- + Production Scheduling
- + Fully Customizable
- + Work Order Management
- + Automatic Data Collection
- + Easy MES Licensing



SPC Module Features

- + Simple Automatic Sample Scheduling
- + Quick Automatic Signal Evaluation
- + Powerful SPC Control Charts
- + Easy Automatic Data Collection
- + Easily Create Sample Definitions
- + Automated Rule Evaluation
- + Simple Control & Spec Limit Creation
- + Unparalleled Collaboration

To view the Hunter OEE + SPC Case Study video, visit: <https://www.sepasoft.com/oee-spc-case-study-hunter/>



One key element Hunter capitalized on was by-the-minute OEE reporting and allowing Hunter to give the operating engineers the tools they need to make necessary adjustments. The Sepasoft® OEE Downtime Module helped eliminate scrap and ultimately realized a notable cost savings benefit, as much as \$300,000 last year, attributed to continuous improvement with the Ignition platform and the Sepasoft® MES OEE and SPC modules. Hunter realized an overall 8% OEE improvement after implementation.

Endless Possibilities Realized Since OEE and SPC Implementation

The year-over-year performance and data analysis improvement that Hunter Industries has seen thus far has driven them to look beyond what their systems can do and look forward to a complete global synchronization including non-conformances, deviation handling, and even document control integration.

Since completing implementation more than six years ago, Hunter Industries has been able to consolidate about eight different data systems into one with a bright future of continual system integration beyond the scope of a single location. As Hunter Industries moves forward becoming more of a global presence, their ability to synchronize all of their manufacturing environments while maintaining organizational alignment is key to the success of their global operations.

Optimizing Hunter Industry's Business Structure for Real-Time Success

Building out a successful implementation not only meant understanding specifically Hunter's pain points and how to best solve those needs, but also providing customization tools each step of the way. This allowed Hunter Industries to optimize their need for flexibility while not having to customize an entire MES solution from the ground up. Sepasoft® not only offers all of the tools needed for a successful rollout, but also stands by the product and are just a phone call or email away from technical support.

When trying to implement an in-house solution, Hunter Industries struggled to achieve convergence between the plant floor, operations, IT, and executive level management. The Ignition platform along with Sepasoft MES solutions were able to provide a way to not only bridge those gaps, but to do so in a way that improved Hunter Industry's manufacturing operations, both monetarily and across all lines of communication.

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Continuous improvement is a big part of Hunter's culture...we actually run really well... just this past year we've had \$300,000 in savings from using the Ignition platform because we've been able to fine tune areas of production that we didn't know that were available to us and that's what Ignition offers, it gives you insight into opportunity.

Javad Syed,
Sr. Manufacturing Engineer

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Interested in doing your own case study? Reach out to us at info.sepasoft.com or call us at 1-800-207-5506