

Andon and InduSoft Web Studio

Maximize machine uptime with the plug-and-play Andon template for InduSoft Web Studio

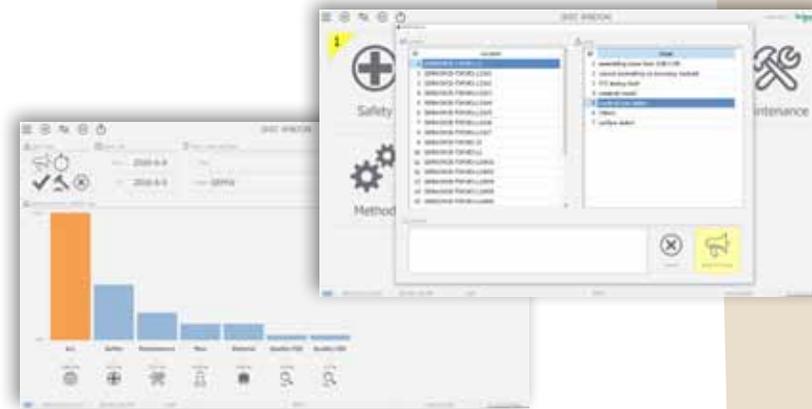
Andon solutions have revolutionized manufacturing by streamlining responses to abnormal conditions that can cause expensive downtime, product waste, and inefficiency. By alerting the right people to production delays, plants can minimize machine shutdown and dramatically improve response times.

Andon Solutions Made Easy

The new Andon template for InduSoft Web Studio offers incredible flexibility for developing Andon solutions for a wide variety of manufacturing plants. The InduSoft Andon solution makes it possible to configure your solution without previous knowledge of programming or SCADA/HMI development. If you know your process, you can have the power of Andon dashboards in minutes.

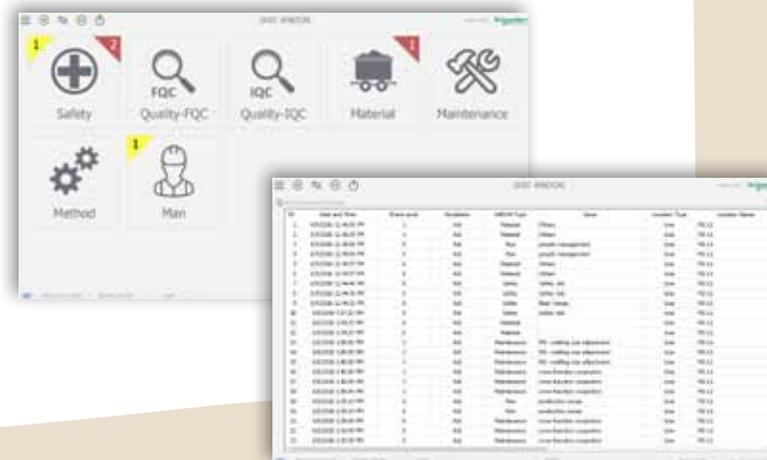
Following Jidoka quality control methods, the Andon template for InduSoft Web Studio allows configurations for operators to stop the line, correct issues, and then investigate the reasons for production delays. InduSoft Web Studio records and stores the data for better analysis of the problem, reducing the instances of line stoppage the longer the Andon system is employed.

When you leverage the full power of feature-rich SCADA software, InduSoft Web Studio can provide the benefits of Andon, along with a robust set of features, like reports, dashboards, and historical trends that will allow operators and managers to analyze the data and optimize production throughout the plant.



Get your Andon Solution up and Running in Minutes

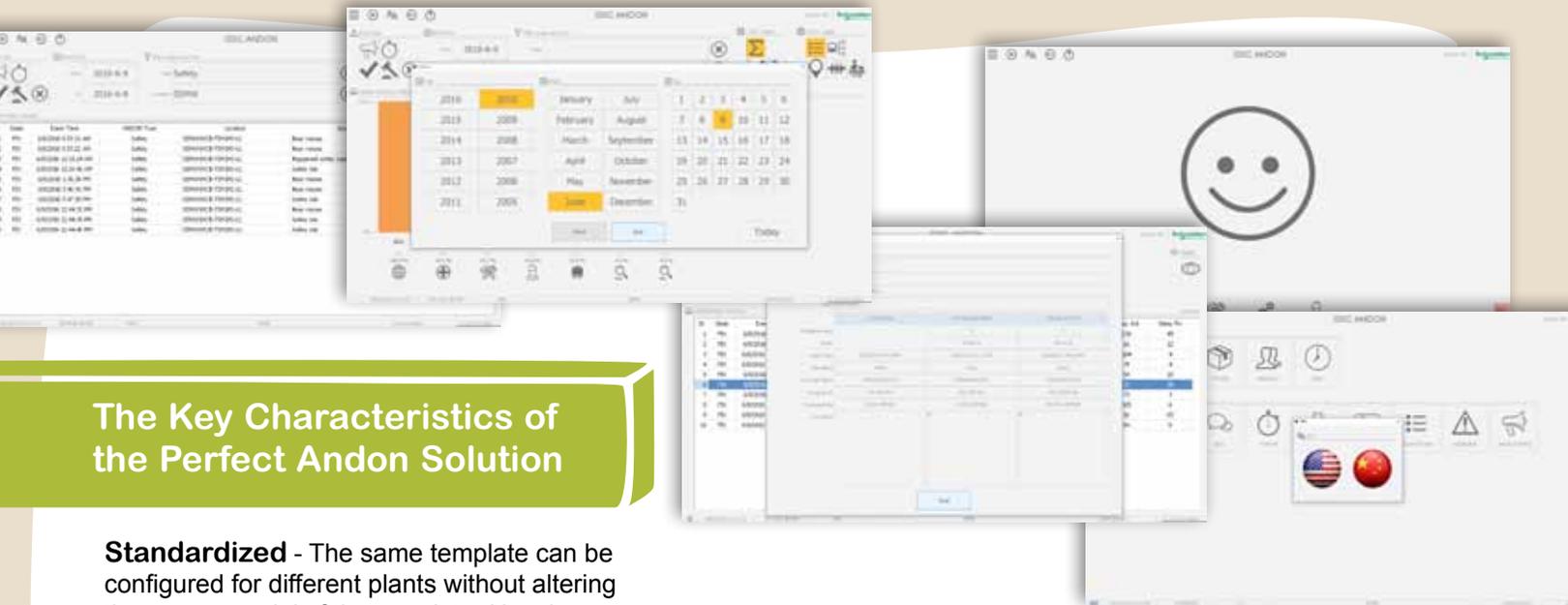
The Andon template can be configured in minutes. Setup mode allows you to define users, plant layout, lines, and communications. From there, just deploy in ANDON Operation mode for a fully functioning Andon solution. The template provides the flexibility for just about any configuration of lines, areas, and workstations, and can be easily configured in the runtime to correspond to the physical layout of the plant.



Lean Manufacturing Starts Now

The purpose of employing an Andon solution is the gradual improvement of the manufacturing process over time. Lean manufacturing is the systematic elimination of waste, inefficiency, and imbalance in workloads. The Andon template for InduSoft Web Studio includes tools for embracing lean manufacturing. Use it to reduce costs, reduce wastes, and make the process as efficient as possible.





The Key Characteristics of the Perfect Andon Solution

Standardized - The same template can be configured for different plants without altering the 'source code' of the template. Use the InduSoft Web Studio Andon solution to quickly standardize across plants.

Portable - The Andon template utilizes InduSoft Web Studio's ability to run on multiple platforms with minimum system requirements. Deploy your solution to almost any device, whether it's a touch enabled panel PC, or a large format monitor.

Scalable - The template supports a central server, one runtime station for each line, and thin clients for dashboards and remote users via a web browser interface. The number of areas, lines, and workstations is completely customizable during the runtime.

Mobile - The dashboards leverage InduSoft Web Studio's Studio Mobile Access thin client to display dashboards on mobile devices like smartphones and tablets, or even wearables like watches or heads up displays.

Localized - Both the graphical interface and messages have been translated into a number of languages, including English, Chinese, Portuguese, Spanish, and German.

Interoperable - The system provides native interfaces with systems such as SMTP email servers, Instant messaging servers (WeChat), Smart watches (Schneider Electric OEM Watch), RFID card readers, and PLCs.

Automotive and Beyond

Andon was once used largely in the automotive manufacturing industry, and while it's still a critical part of automotive manufacturing, Andon solutions have a place in a wide variety of industries.

- Packaging
- Petrochemical
- Oil and Gas
- Water / Wastewater
- Food and Beverage
- Power

Lean Manufacturing and Statistical Process Control Are In Reach

Learn More

Are you ready to learn more about the andon template for InduSoft Web Studio? Contact us at info@indusoft.com to schedule a demo, speak to InduSoft Sales, or request your license today.



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