

IIoT and the Race to Digitalization

The promise of Industrial IoT (IIoT) and Industry 4.0 is to economically collect more and better data on a timely basis to improve manufacturing performance. The scope and breadth of data that is collected today will be dwarfed in the coming years as more sensors are brought online, bypassing the control systems in place today.

This information can be shared beyond the plant with online dashboards viewable by anyone within a company regardless of their physical location. Because of the desire to have near real-time access across the company to production data, machines and production lines are no longer islands of information. Access to this data should be done without compromising data, corporate manufacturing IP, or safety. The economic reasons driving the changes are the need to further drive production efficiencies by reducing and eliminating bottlenecks and unplanned downtime. Further efforts using real-time and near real-time data analytics and process optimization can improve yields and production flow. So how should your company's journey begin?



iDashboards.com



Are you able to act on the data to improve your production processes?



Do you have a team in place that includes operations and IT personnel and crosses functional silos?



Are your company's OT/ICS and IT priorities aligned?



Do you have the right applications in the right places and have a single source of truth?



Are you set up to scale deployment and management at the edge effectively?



How do you secure the new connected edge?

Where We Can Help!

Sandalwood has over 30 years of experience working with global manufacturers helping them work smarter and work safer. Leveraging a standardized approach to achieve early sustainable value, we assist our clients to effectively apply their efforts to the right people, processes, and technology. Let us and our skilled partner network help you realize your vision.

Sandalwood is an engineering and ergonomics consulting firm. Since our founding in 1989, Sandalwood has successfully engaged in over 3,000 projects helping execute strategic solutions for our clients. By providing their knowledge, research, technology, and resources, Sandalwood supports its clients from the executive level to the factory floor so you can...

Work Smarter. Work Safer.

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