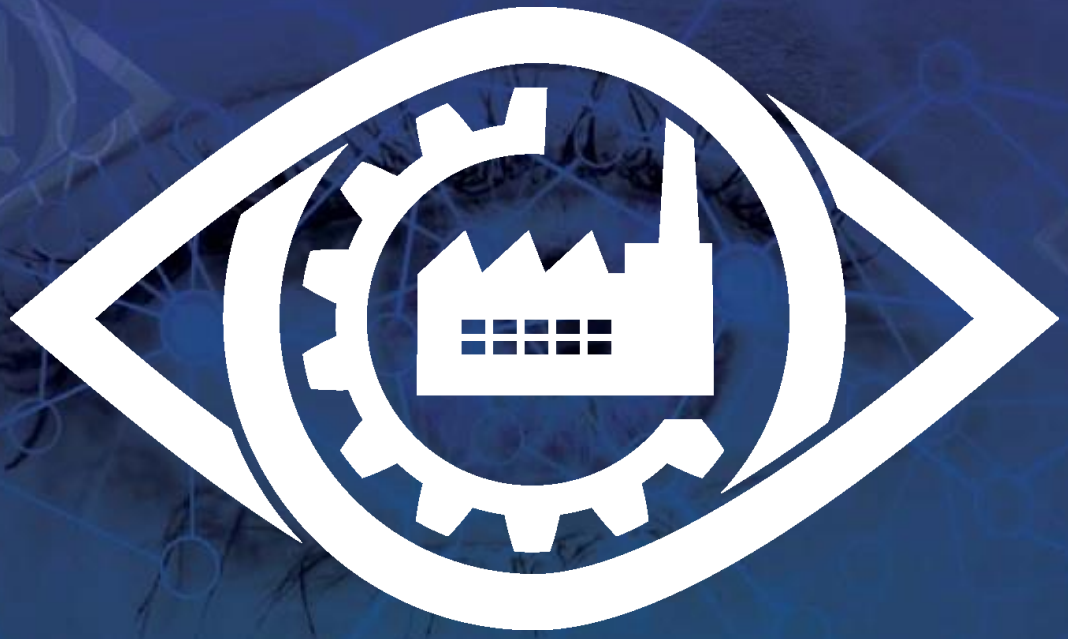
The Visual Factory



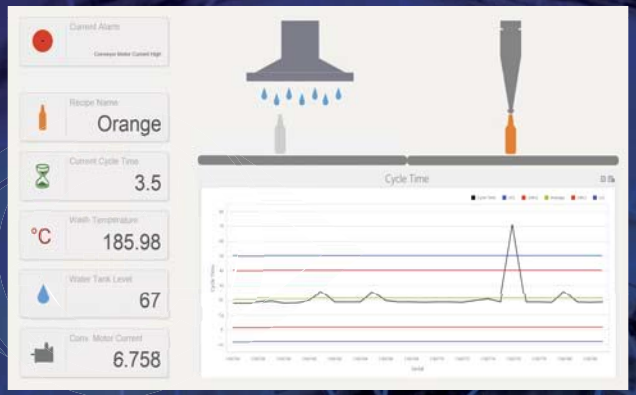
singlepoint

CONNECT

The first step on the path to smarter manufacturing is to get connected to your production data.

Getting critical plant data into the hands of important decision makers starts with the secure and reliable exchange of data. One of the ways we achieve this is by collecting data using our customisable rules based OPC data logger. OPC is platform independent and ensures the seamless flow of information among devices from multiple vendors. In fact, we have access to a library of more than 150 device drivers, client drivers, and advanced plug-ins to fit the communication requirements unique to your industrial control system.

VISUALISE



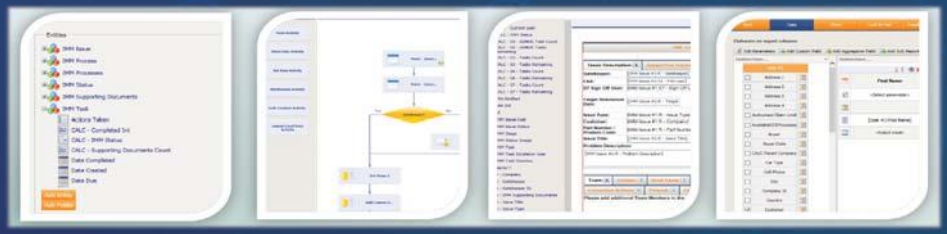
Connecting Singlepoint to your factory floor data enables you to visualise your entire operation in real-time.

Singlepoint features a powerful visualisation platform called Visual Navigator. This tool enables you to create an array of ANY parameterised image(s) linked to your data sources that retrieve and display data in real time. These can be combined with animated views of the current process and can also display from Singlepoint Radar, our data analysis tool and can provide links to kick-off workflows and actions. For example, you want to create an animated view of the production area for managers and senior executives showing current throughput and a dashboard view of the current critical production stats linked to various PLC's? You want to create alerts that can generate warnings or kick off workflow in certain circumstances? All of this (and more) can be achieved through Singlepoint.

CONTROL

Having now connected and visualised your factory floor to the digital world, you now want to be able to act on the data and control the outcome.

Singlepoint has the power to transform tired, manual processes that limp along on paper or spreadsheets into dynamic, automated workflow based applications. Our Business Process Management (BPM) Platform is a hugely powerful, class-leading application design environment. Drag and drop operation, combined with a host of pre-configured workflow controls, allows for the creation of simple or complex process-based applications that will save you time, increase efficiency, and take control of critical processes.



NOTIFY

One of the biggest improvements we can make to the way you work is the speed at which you and your key people can be notified of critical information and events.

Time is a precious commodity and time that is lost can never be recovered. That's why our approach to the smart factory of Industry 4.0 features real-time, automated notifications via Email, SMS and Singlepoint's built-in message inbox as a critical element of the overall strategy. Notifications of any type can be configured to match virtually any business rule imaginable, and can feature initial notification, repeat notifications, escalations and summary notification. Quick links to the related information and screens are embedded into the body of the message and will take you and your users directly to the required actions. You'll never miss another improvement opportunity because you were not aware of it and Singlepoint will help you to react quickly and accurately.

ANALYSE

Of course, the big pay-off of having so much real-time data is to be able to report on it and analyse it.

One of the biggest pay-offs of automated process management in Singlepoint is access to instant and real-time data analysis and management reporting, and it does not get any better than Singlepoint Radar. Leave your old manual methods of management reporting in spreadsheets behind and save precious time with instant reports and benefit from data in real-time. This powerful tool is fully integrated into Singlepoint's data management architecture, which means you can build powerful, drillable dashboards and reports and even link Radar to non- Singlepoint data sources.