

Controlling Entire Lines: Effective controls are key to success



In today's market, turnkey solutions are a growing trend across the food industry. However it is important to find a single source supplier that can deliver the industry leading technology and services, needed to maximize the potential of the entire production line. Also key to a turnkey solution is effective controls and integration technology. As a turnkey solution provider, we can provide a broad range of control systems that can help throughout the whole manufacturing process.

Zultec believes to ensure smooth and efficient operations, effective electrical controls integration and reporting technology are essential. Once implemented, it provides a full, timely overview of the whole production line. A broad range of control systems can be offered by turnkey providers that can help throughout the whole manufacturing process. From providing 360 degree visibility to keep control of product quality and process inefficiencies, to ensuring seamless inte-

gration to maximise line output, the system gives plant operators a single point of reference.

To ensure maximum efficiency a plant manager needs visibility of every section of the production line. To do so, they require a detailed, reliable and timely report from the entire line. However, as a production line often composed of machines that employ different software, it can be difficult to evaluate reports and run detailed diagnostics.

Often supervisors receive information on several screens, which not only limits visibility but also duplicates effort and increases the risk of human error. A turnkey supplier can provide plant managers with a standalone system that is applied to every unit of the production line. Capable of gathering information from the entire line, these systems deliver comprehensive diagnostics for each machine from a single platform. Once collected, all the information is logged in

a central database to create detailed and accurate reports which can easily be accessed from an HMI system to ensure a quick, efficient and seamless response.

A full control system that monitors the production line from start to finish is essential to gain a complete overview. With today's production lines often running at break-neck speeds, a monitoring approach that focuses on individual sections might not be enough to identify a production flaw. A turnkey supplier can help develop a detailed user requirement specifications based on company's specific objectives. A valid tool for plant managers to quickly identify any sign of inefficiency, the URS is the key to reducing waste. This URS is translated into a functional design specifications (FDS), a report including an organized list of requirements to smooth the product flow.

Once targets have been set, a turnkey supplier can also provide the technology to keep track of progress. ♦