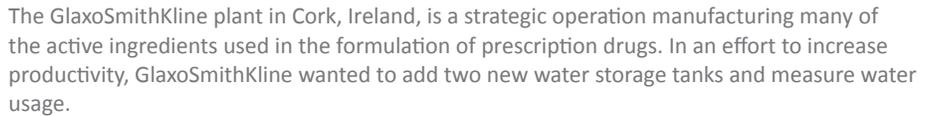
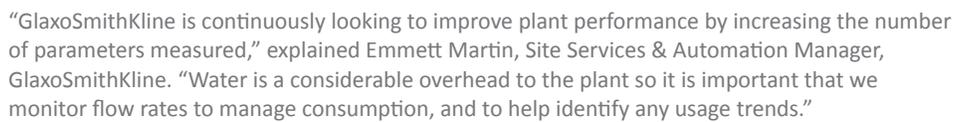
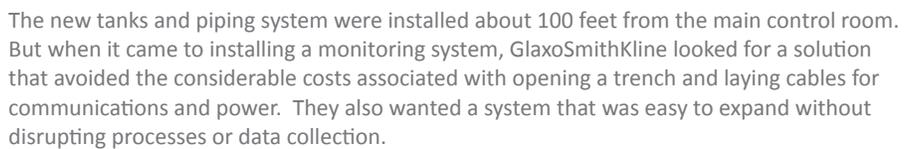
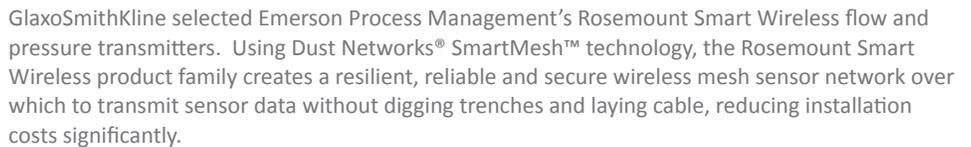
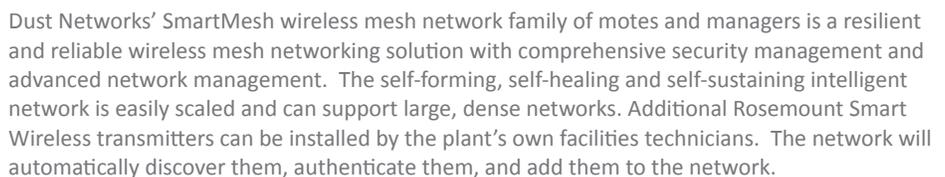


The main title of the document, written in a large, white, sans-serif font against a dark blue background. The text is centered and reads: "Emerson Process Management and Dust Networks Bring Scalable, Cost-Effective Water Usage Monitoring to GlaxoSmithKline".A section header in a bold, uppercase, sans-serif font, located at the beginning of the summary section.A paragraph of text in a standard sans-serif font, providing a high-level overview of the project. It describes how Emerson Process Management's Rosemount Smart Wireless flow and pressure transmitters, along with Dust Networks' networking technology, were used to monitor new water storage tanks and measure water usage at the GlaxoSmithKline plant.A section header in a bold, uppercase, sans-serif font, located at the beginning of the challenge section.A paragraph of text in a standard sans-serif font, detailing the challenges faced by GlaxoSmithKline. It mentions the need to add a new monitoring system without incurring high installation costs and allowing for future expansion.A section header in a bold, uppercase, sans-serif font, located at the beginning of the solution section.A paragraph of text in a standard sans-serif font, describing the solution implemented. It details the installation of Emerson Process Management's Rosemount Smart Wireless transmitters and Dust Networks' SmartMesh wireless mesh networking technology, highlighting the benefits of a self-forming, self-healing network that can be expanded without disruption.A section header in a bold, uppercase, sans-serif font, located at the beginning of the challenge section.A paragraph of text in a standard sans-serif font, providing a detailed description of the challenge. It explains that the GlaxoSmithKline plant in Cork, Ireland, needed to increase productivity by adding two new water storage tanks and measuring water usage.A quote from Emmett Martin, Site Services & Automation Manager at GlaxoSmithKline. The quote is enclosed in double quotation marks and describes the plant's ongoing efforts to improve performance by increasing the number of parameters measured.A paragraph of text in a standard sans-serif font, providing further details about the challenge. It mentions that the new tanks and piping system were installed about 100 feet from the main control room, and that the monitoring system needed to avoid the costs of trenching and laying cables.A section header in a bold, uppercase, sans-serif font, located at the beginning of the solution section.A paragraph of text in a standard sans-serif font, describing the solution. It explains that GlaxoSmithKline selected Emerson Process Management's Rosemount Smart Wireless transmitters and Dust Networks' SmartMesh technology to create a resilient, reliable, and secure wireless mesh sensor network.A paragraph of text in a standard sans-serif font, providing further details about the solution. It highlights the benefits of the SmartMesh wireless mesh network, such as its self-forming, self-healing, and self-sustaining nature, and its ability to be scaled and supported by the plant's own technicians.

Emerson Process Management and Dust Networks Bring Scalable, Cost-Effective Water Usage Monitoring to GlaxoSmithKline

"We are more than satisfied with the solution, which is proving to be reliable with no signal loss. Based on a successful implementation, at some point in the future we are perhaps, looking towards a plant with no wires." Emmett Martin, Site Services & Automation Manager, GlaxoSmithKline.

THE RESULTS

Ten Emerson Smart Wireless devices were installed, including six Rosemount pressure transmitters, two Rosemount flow transmitters and two Rosemount level transmitters. The new system is helping GlaxoSmithKline better understand water usage throughout the plant and also test the wireless technology.

"We are more than satisfied with the solution, which is proving to be reliable with no signal loss," summarized Martin. "Based on a successful implementation, at some point in the future we are perhaps, looking towards a plant with no wires."

IN CONCLUSION

"We have deployed our Smart Wireless field devices, enabled by Dust Networks' technology, in real-world environments and our customers have been thrilled with the results," said Bob Karschnia, vice president of wireless for Emerson Process Management.

WHY WORK WITH DUST NETWORKS?

Dust Networks, a pioneer in the field of wireless sensor networking, is defining the way to wirelessly connect smart devices. Using standards-based network technology, Dust Networks provides reliable, resilient and scalable network solutions with advanced network management and comprehensive security features.

ABOUT EMERSON PROCESS MANAGEMENT

Emerson Process Management, an Emerson business, is a leader in helping businesses automate their production, processing and distribution in the chemical, oil and gas, refining, pulp and paper, power, water and wastewater treatment, metals and mining, food and beverage, life sciences and other industries. The company combines superior products and technology with industry-specific engineering, consulting, project management and maintenance services. Its brands include PlantWeb, Syncade, DeltaV, Fisher, Micro Motion, Rosemount, Daniel, Ovation, and AMS Suite. To learn more, please visit <http://www.emersonsmartwireless.com>.