

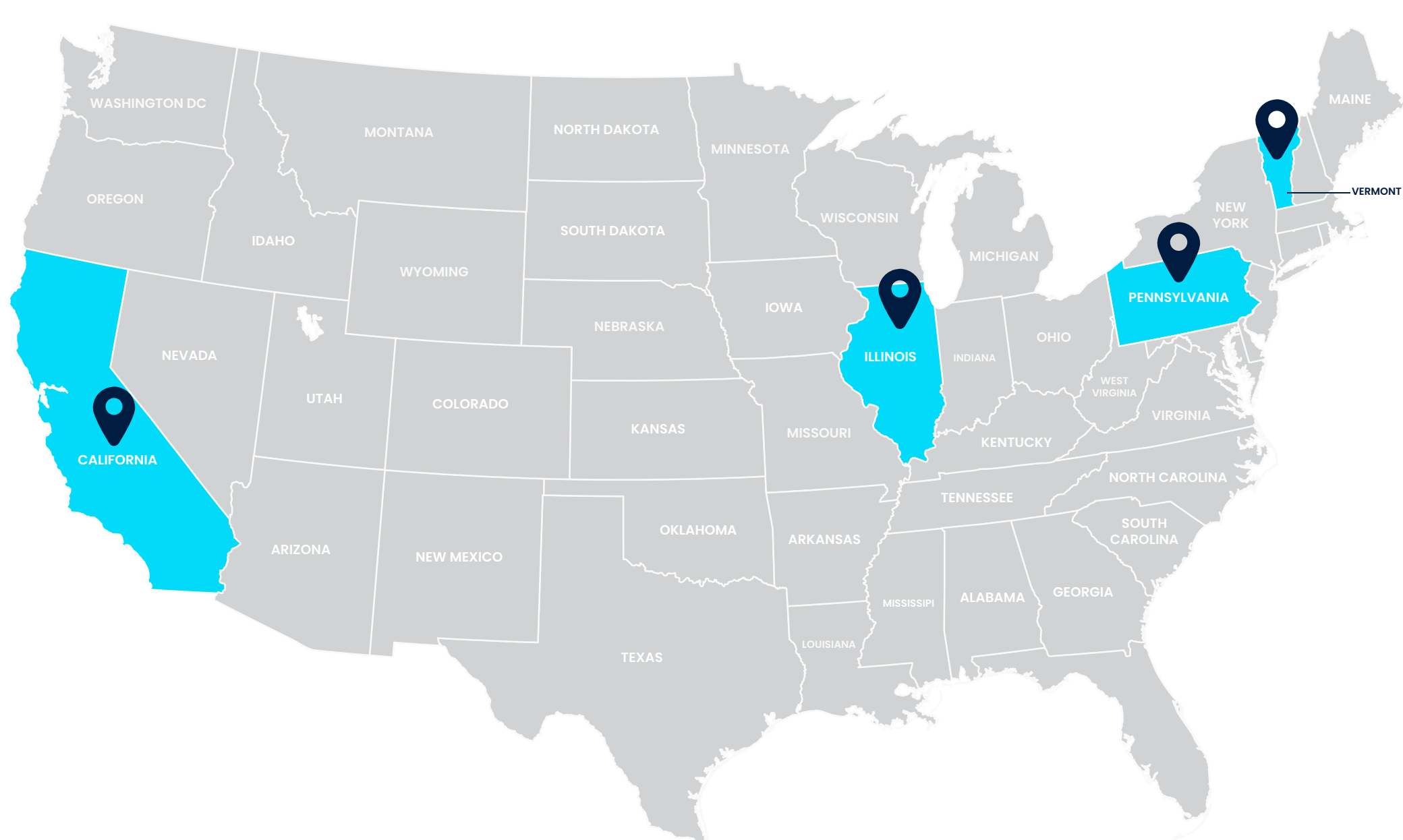
Success Story

Brownfield Project

Implement Industry-Leading MES Solutions, Resulting in Efficient Operations and Award-Winning Smart Manufacturing

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Dream it, we make it REAL

BARRY CALLEBAUT



Industry: Food and Beverage.



Location: United States.

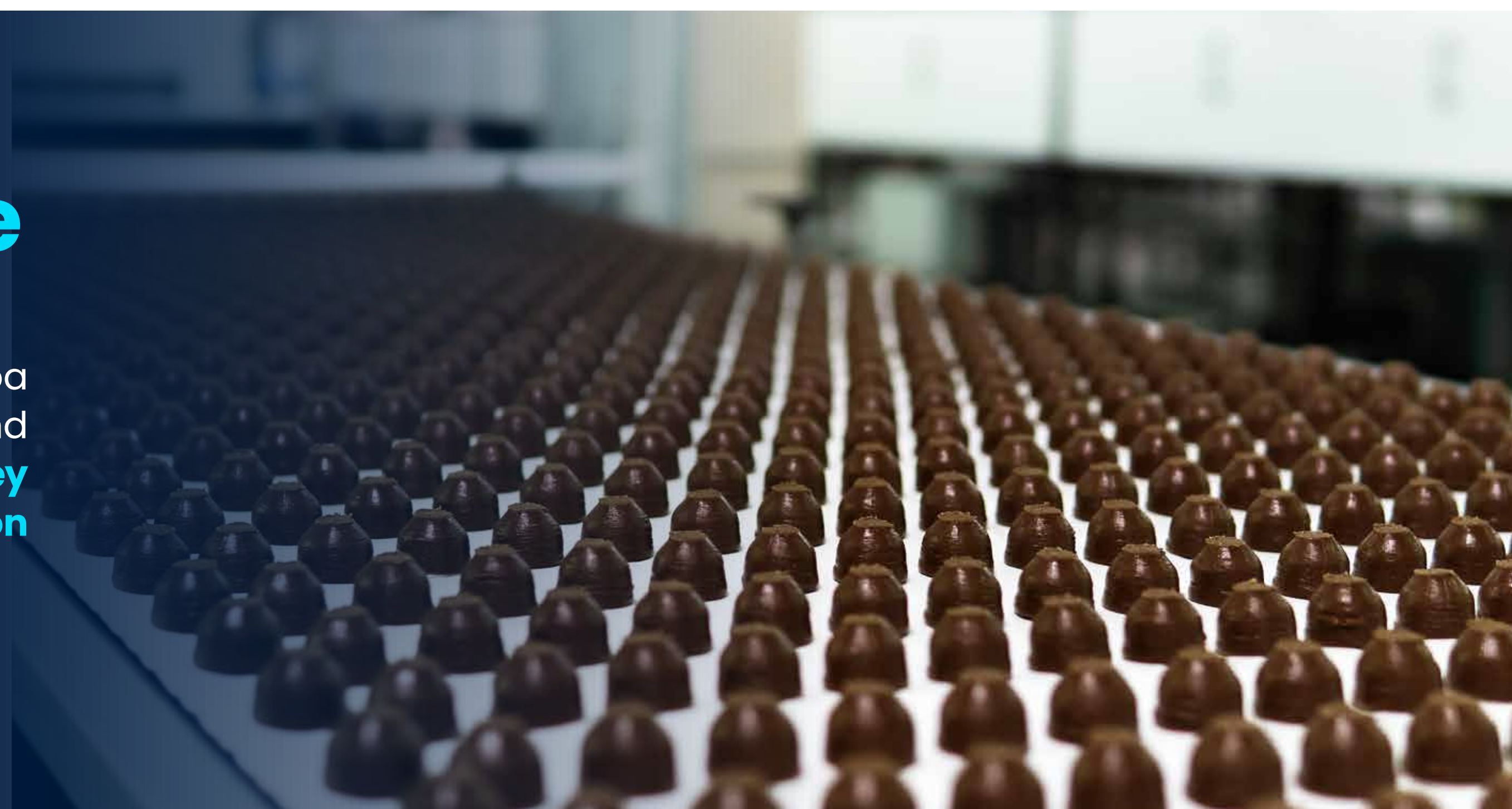


Project Type: MES Implementation and Digital Transformation.

Solution also implemented in: Belgium, Canadá, UK, France, Brazil, Serbia, Poland, Singapore, Australia and Turkey.

The business challenge

Barry Callebaut, the leading manufacturer of chocolate and cocoa products, faced challenges in optimizing production processes and identifying areas for improvement across their global plants. **They required a solution to enhance efficiency, monitor production metrics, and address operational issues in real-time.**

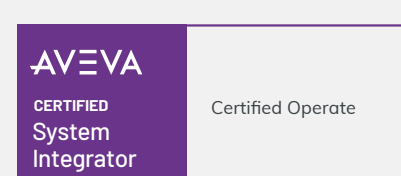


Our Solution

Omnicon provided a team of engineering experts to implement Manufacturing Execution System (MES) solutions at Barry Callebaut's plants worldwide. **Leveraging AVEVA MES Suite and PLCs from Rockwell Automation and Siemens**, Omnicon integrated newly-imported PLC data to develop comprehensive reports and dashboards. The team collaborated closely with Barry Callebaut to modify PLCs, design, develop, and integrate MES solutions tailored to their specific needs.



Aveva MES Suite, PLC's from Rockwell Automation and Siemens



SIEMENS

Technology

High Impact Outcomes



Improved Efficiency: Omnicon's MES solutions enabled Barry Callebaut to optimize machine efficiency, measure material movement, and maximize process efficiency, leading to more streamlined operations.



Real-time Monitoring: Dashboards and reports facilitated by Omnicon's solutions allowed Barry Callebaut to monitor chocolate production metrics in real-time, enabling timely identification and resolution of production issues.



Future-ready Operations: By embracing digital transformation and continuous improvement, Barry Callebaut remains future-focused, leveraging timely information for informed decision-making and sustained positive impacts on production and return on investments.



Recognition and Awards: Barry Callebaut received the prestigious 2023 Factory of the Future award, highlighting the success of their digital transformation initiatives facilitated by Omnicon's expertise.



Global Collaboration: Despite communication challenges in the international organization, Omnicon's bilingual team effectively communicated with teams across Europe, Asia, North America, South America, and Latin America, ensuring successful project delivery.

"Omnicon has the resources and skills that are compatible with what we need around all aspects of MES implementation, going from modifications on the PLC to the MES design, development and integration. When we need additional resources, they are usually able to meet those needs quickly. They have an edge over their competition in terms of agility. As a result of our digital transformation initiatives, we are identifying potential capacity and throughput increases in production processes."

- **Bram Van Genabet**
Digital Strategy Director | Barry Callebaut

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