



BevCan Manufacturing Digitization at Scale for a leading Global Aluminum BevCan Manufacturer

A leading global aluminum beverage can manufacturer based in Europe engaged ITC Infotech to provide digital manufacturing solutions to improve operating and cost efficiencies. The company operates 18 plants throughout Europe, featuring 42 interconnected product lines that impact over 125 key performance indicators (KPIs) and essential operational parameters. They were seeking a connected digitized solution to monitor and reduce aluminum spoilage loss, enhance shop floor productivity, and improve regulatory compliance in manufacturing. ITC Infotech collaborated with the company to analyze manufacturing processes, identify challenges, and create solutions that align operational performance with business objectives.

\$16 Mn
Annual Savings

+12%
Operator
Productivity

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides business-friendly solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry specific alliances and deep domain expertise. The company provides technology solutions and services to enterprises across industries through a combination of traditional and newer business models, as a long-term sustainable partner.

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CHALLENGES

- Fragmented operational control
- Lack of data harmonization
- Reduce Aluminum spoilage loss
- Increase shopfloor productivity
- Improve regulatory compliance
- Increase cost efficiencies

SOLUTION

- Analysis of operational processes and discovery of ensuing challenges
- Identification of KPIs aligning with business objectives
- Enterprise control tower for real-time business insights
- Digitization of 95+ quality logbooks, integrated to SAP
- Digital twin solution for the BevCan manufacturing production line
- Optimization of maintenance workflow with SAP PM integration

RESULTS

- Connected operations
- \$16 million annual savings due to spoilage loss reduction
- 9% spoilage reduction
- 12% operator productivity improvement
- 22% improved asset utilization
- \$4 million annual savings due to better asset utilization