

The future of food & beverage

Building tomorrow's food & beverage plant today



The landscape is changing...

The manufacturing sector is facing new challenges

Inaction is not an option...

Shift in consumer patterns



Increasing price transparency, customized products, batch size one & ever shorter lifecycles

Regulation and traceability



Increasing regulation and compliance measures require full traceability of manufactured goods

Aging infrastructure



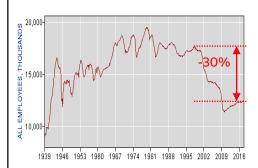
Aging manufacturing infrastructure from predigital area prevalent

Environmental concerns



Societies and new regulations push manufacturers to go green & clean

Aging workforce & skills gap

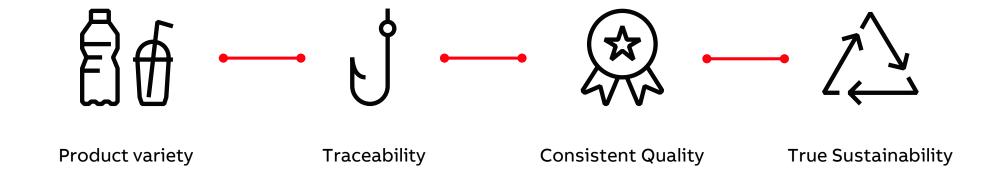


The manufacturing workforce is growing but far below historical levels

Source: US Bureau of Labor Statistics



How do you evolve with the industry and drive success with the pressure on you to provide –



You need an experienced partner who understands the big picture expectations

Efficiency



Safety



Digitalization



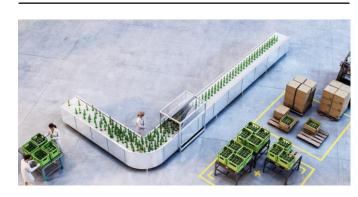
Reliability



Sustainability



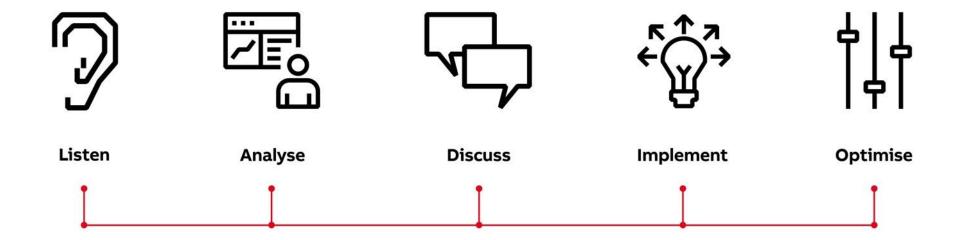
Quality





A partner with a unique approach

Our consultative approach ensures that we arrive at the best solution for your specific needs – even if it's not an ABB solution.





The new era of manufacturing

Digitalization is a key enabler for making the Industry 4.0 factory a reality

Manufacturing Assets Enabling Technologies New Capabilities Responsive/Predictive Manufacturing Motors Artificial **Digital Twin** Communication Cloud/Fog **Cyber Security** Robots Automation & Drives Intelligence 즐님님 Connected Factories -Vertical Integration Next Gen Advanced Additive Data Sensors Blockchain **PLCs** Materials Manufacturing Manufacturing **Analytics Systems** Digital Supply Chain -Makes use of new technologies Horizontal Integration Manufacturing Control Machinery **ÁBB Ability™ Systems** Traceability **Industrial 4.0** Energy Energy Supply **Smart Supply Network** Storage **Monitors Enables new solutions Factory** Aggregates **Enables new services Analyses** Enables new business models **Understands** Warehouse



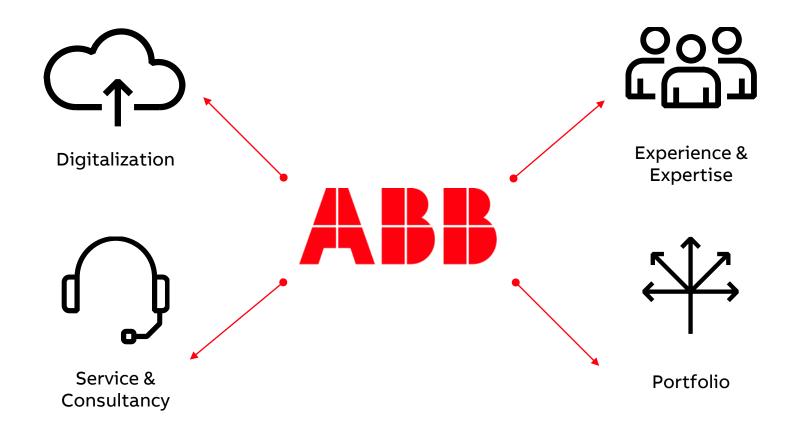
& Logistics

AGV*

Controls

No challenge is too great

With our approach, capabilities and combined experience, we can find the solution together.







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