

INDUSTRY / INDUSTRY, MANUFACTURING & ROBOTICS

Turn machine signals into better operating decisions.

BELTO can connect perception, control interfaces and industrial data around your installed equipment. We help take a sensing or automation idea through integration and commissioning, where downtime and real line conditions determine its value.

WHAT WE CAN BUILD FOR YOU

01 Connect visual inspection to the line

Build a perception pipeline and integrate its output with the agreed machine or operator interface.

VALUE TO YOUR TEAM

Move from an isolated model demonstration to a useful quality signal with a clear response.

02 Make maintenance signals actionable

Connect equipment data to monitoring and analysis that highlights changes for maintenance review.

VALUE TO YOUR TEAM

Help teams investigate developing issues instead of collecting signals without an operating decision.

03 Unify production information

Integrate machine, material-flow and quality data across existing controllers and systems.

VALUE TO YOUR TEAM

Give operators a more coherent view of the line and make mismatched states easier to diagnose.

WHY BRING BELTO INTO THE WORK?

One engagement can connect Robotics & industrial, Computer vision, Field engineering, Networking. We define the interfaces, build the agreed path and verify its behavior with the people who will operate it.

HOW WE MAKE THE VALUE VISIBLE

False stops / Time to diagnose a fault / Commissioning exceptions

ILLUSTRATIVE APPLICATIONS / SCOPED TO YOUR SYSTEMS

Let's scope the first useful step.

Bring the installed controls, available equipment signals and the production decision you want to improve.

Talk to BELTO

INDUSTRY, MANUFACTURING & ROBOTICS / FROM SCOPE TO DELIVERY

Choose the capability your operation needs.

A starting scope can cover one specialist area or connect several into a complete workflow. The service map below shows the published coverage and the operating value each area is intended to support.

Factory automation

Join machine, material-flow and quality information across production. Build a coherent view across machines, materials and quality.

Predictive maintenance

Use equipment signals to support maintenance decisions ahead of failure. Help maintenance teams investigate developing equipment issues.

Robotic perception

Develop sensing and perception for variable industrial environments. Connect sensing to useful behavior in variable conditions.

WHAT YOUR TEAM RECEIVES

An agreed system boundary and interface map; working software or infrastructure for the contracted scope; tests tied to acceptance criteria; and operating documentation with named owners. The exact package is agreed before delivery.

A PRACTICAL FIRST ENGAGEMENT

Start with one of the examples on the previous page. We review representative inputs and exceptions, establish the current baseline, then deliver a bounded path your team can inspect. Expand only after the first increment supports a useful decision.

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