

SOLUTION / PERCEPTION & VISION BUILD

Turn a promising vision demo into an operating tool.

BELTO can engineer the sensing, data, model and review workflow together. Test the conditions hidden by an average accuracy score and connect each detection to a useful next action.

WHAT WE CAN BUILD FOR YOU

Inspection on a production line

Train an inspection model on representative images, route uncertain detections to an operator and monitor changes in the input.

Value: More consistent screening and a clear route for ambiguous cases.

Events from long video recordings

Build detection and tracking pipelines that turn footage into searchable events and review clips.

Value: Analysts spend less time hunting through video and more time investigating relevant moments.

Choose this when optics, hardware, false alarms or field conditions determine whether the model has practical value.

WHAT YOU RECEIVE

Perception specification / Versioned data and provenance / Validated sensing and inference pipeline / Drift and uncertainty monitoring

Delivery: Decision definition / Sensing study / Data and model build / Deployment proving / Operational learning

HOW WE MAKE THE VALUE VISIBLE

False positives and misses / End-to-end latency / Operator review burden

ILLUSTRATIVE APPLICATIONS / SCOPED TO YOUR SYSTEMS

Let's scope the first useful step.

Bring representative footage, the decision each detection should trigger and the cost of getting it wrong.

Talk to BELTO