Denali End to End Solutions
Automated Damage Detection

Fixed Scanning | Machine Learning - AI | Machine Vision | IoT Services | Robotics

DENALI

ZEBRA

We make it
Ready

At Denali, we specialize in taking best-of-breed technologies and developing end-to-end solutions that are ready for your business to implement now. Our industry leading automation solutions provide the ultimate in price to performance from design, to integration, to post-sale support.

MODEL TRAINING

Normal — Crushed — Torn

Bulk Flow — Liquid — Damage / Tampering

ADDITIONAL CAPABILITIES

Pain Points

- Missed damage leads to increased concessions and unsatisfying customer experiences

- Inspecting for errors leads to unplanned downtime and increasing operational costs

- Any new solutions need to be implemented quickly and leverage existing investments

Bulk Flow

- Bounding box sortation
- Open or damaged packaging
- Identification of contents exiting package

Liquid Damage Detection

- Results when introducing types of damage outside the original model design
- Damage caused by liquid leaking inside box or internal water damage

Envelope Damage / Tampering

- Size inspection
- Puncture or tear damage
- Sealed, partially sealed, unsealed

Why Denali End to End Solutions

To ensure customer success, Denali manages every step of the solution integration process including:

- Site Surveys
- Mechanical Design
- Solution Design
- Denali Accessories: FIS Connectivity Box Options, I/O Options, Framing/Mounting
- Configuration and Programming
- Business Connectivity including Customer Dashboard Creation
- Production
- Deployment/Installation
- Service and Annual Maintenance

Customer Success Story

When Denali was asked to implement an automated damage detection solution for one of the largest global transportation and logistics focused enterprises in the world, Denali engineered a fully scalable end-to-end solution that was a perfect fit for their existing warehouse and fulfillment processes.

Denali's implementation processes allowed the solution to be ready for action in record time, resulting in ROI payback in under 6 months.

Project Outcomes
- ✓ Overall model accuracy of 98.6%
- ✓ Saved $100M+ in concessions
- ✓ Reduced operational costs by 13%