

AI POWERED INSPECTION

Vision inspection that proves itself.

**Catch every defect. Prove every decision.
Run every plant.**

Nexacto replaces slow, human-only inspection with an end-to-end computer vision stack. An edge appliance runs AI models that judge colour, shape and surface flaws in milliseconds — and keeps running when the network does not. A server, on-prem or in the cloud, centralises images, analytics, audit records and fleet management across every line and every site. Turnkey accuracy at line speed, live in 14–16 hours.



On-Prem

or AWS Cloud



Sima

NVIDIA Jetson & ONNX Accelerators



Native PLC,

MES & ERP Integration



Industrial

PTZ & USB Cameras

Why manufacturers choose Nexacto?

Most mid-market plants run a mix of old and new equipment — yet still rely on paper logs and end-of-shift Excel. Intelycx CORE delivers live OEE, downtime tracking, scrap data, and production data starting day one, with or without machine connectivity.



Every part, at line speed

Inference in milliseconds keeps pace with the fastest conveyors — capturing every unit, not every tenth one.



Audit-ready by design

Electronic records built to industry standards (CFR, IATF, MIL-STD), with tamper-evident audit logs, validation evidence and retention policy.



Improve models in-house

Your team adds a defect class, trains, evaluates and promotes a model from inside the product. No vendor ticket, no re-engagement.



One plant or fifty

Push a model to one station or the whole fleet, watch every edge's health, and roll back a bad release from the server.



Dashboards per role

Operators get pass/fail cues, engineers drill into root cause, quality sees yield trends and executives see every site.



Build for real productions lines.

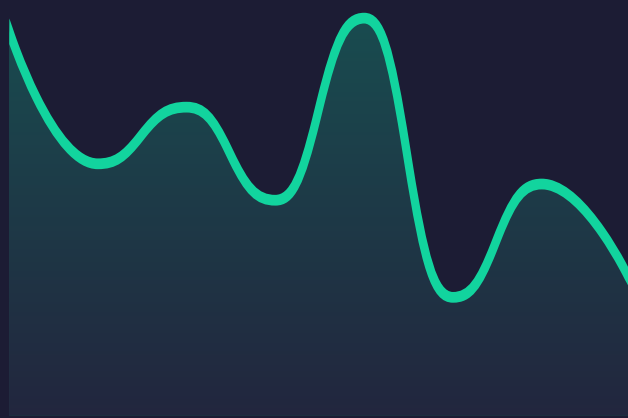
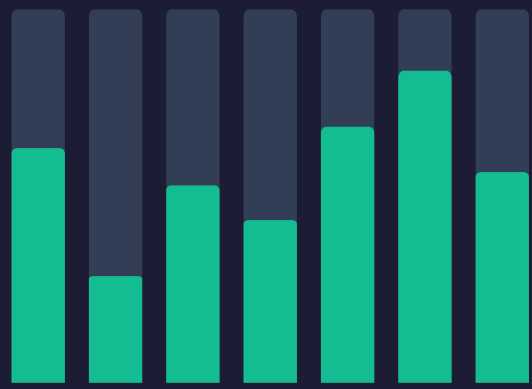
NEXACTO at a glance



Detection
99%+ first-pass
detection
on pilot lines

Timing

14–16 h end to end
process



Support
24h/7d
regional support
US / EU / LATAM

How we outpace traditional vision systems

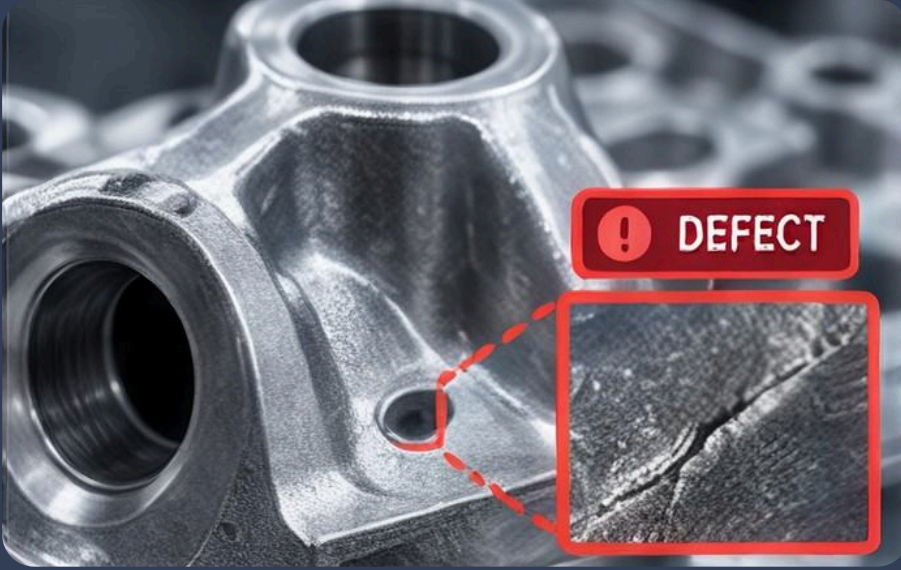
- One contract, one owner
Hardware design, AI training, controls integration and support delivered together. Rival vision vendors sell you software, or cameras, and leave the seams to you.
- The line never waits for the cloud
Models run on the edge appliance, so inspection continues through a network outage and results sync when the link returns. Cloud-only competitors stop.
- Proof you can hand to an auditor
Every result, image, model version and operator action is recorded and retained under policy — built to the standards regulated manufacturing runs on (CFR, IATF, MIL-STD, AS9100).
- Your accelerator, your call
Run on SiMa, NVIDIA Jetson or compatible standard hardware without single-vendor lock-in.
- Talks to what you already run
REST APIs and OPC UA push results straight into MES and ERP — and Nexacto speaks to the PLC natively, so no middleware server sits in the middle.

Leading Industries



ELECTRONICS

Components, assemblies and connectors. Find missing parts, misalignment, solder defects and more.



AUTOMOTIVE

Castings, machined parts and assemblies. Detect surface defects, dimensional issues and missing features.



PHARMA & MEDICAL DEVICES

Vials, syringes, seals and labeling. Detect particles, fill levels, seal integrity and print quality.



CONSUMER & PACKAGING

Bottles, caps, labels and printed codes. Verify presence, print quality, seals and assembly correctness.

Tangible ROI drivers

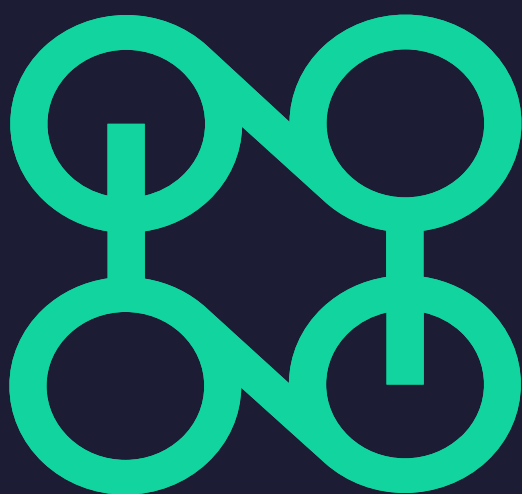
- ✔ Lower defect & rework costs
Early-line rejection cuts scrap by up to 30%, protecting margin and brand.
- ✔ Audits in hours, not weeks
Evidence is already collected and searchable, so quality teams stop rebuilding it by hand.
- ✔ The second line costs less than the first
Clone a proven station to the next cell or site instead of starting another integration project.
- ✔ Labour savings
Automated cameras replace multiple manual inspectors per shift, freeing skilled staff for higher-value tasks.

NEXT STEP

Let's build a higher
standard together.

Contact us today to discuss a tailored solution for your line.
Complimentary consultation with no obligation.

BOOK A 20-MIN CALL



intelycx.com ·
order@intelycx.com
+1 (215) 610-0777