



AVT Solution Pte. Ltd.

Machine vision systems integrator, Singapore · since 2001

"Vision is our business!"

COMPANY OVERVIEW

AVT Solution Pte. Ltd. is a Singapore machine vision systems integrator and Cognex Integrator, founded in November 2001 by three machine vision specialists with more than 30 years of combined experience. We design, build, integrate and support turnkey vision systems for guidance, inspection, gauging and identification (barcodes, 2D codes and OCR), and offer AI vision (deep learning) inspection for defects that rule-based vision can't define.

WHAT WE DO

- **Turnkey systems**
Design, build and integration
- **System integration**
Mechanical and control implementation
- **Training**
Your team learns to run the system
- **Vision consultation**
The right camera, lens and light before you buy
- **AI vision**
Deep learning for variable, hard-to-define defects
- **Applications & support**
Keeping your line running after install

PRODUCTS

- **AI Vision** — Deep learning inspection that learns from good/bad sample images
- **AV1000WL Wafer Loader** — Robotic wafer/tray loader, 8" and below, cycle time under 50 sec
- **AV9000 Amethyst** — Micro-optics inspection for cell phone lenses, 3.5 μ m pixel resolution
- **PI-1000 series** — Mark, in-tape lead, 2D BGA and trim inspection for semiconductor packages

INDUSTRIES SERVED

Electronics & semiconductor · Medical & pharma · Connectors · Rubber · Plastics · Epoxy · OCR & traceability · Smart cards

Cognex Integrator

Certified partner for Cognex vision hardware & software

>95% uptime

Typical uptime on our AV-series machines in production

PDPA-aligned

Data and uploaded files handled under Singapore's PDPA

Have a process that needs a second pair of eyes?

Tell us what you're inspecting: sales@avtsolution.com or (65) 6570-9235.

AVT Solution Pte. Ltd.

7030 Ang Mo Kio Ave 5, #04-41 NorthStar@AMK, Singapore 569880

(65) 6570-9235 · sales@avtsolution.com · avtsolution.netlify.app