Videology®

Industrial-Grade Cameras

an **InTest** Company

SCAiLX™
by Videology®

INDUSTRIAL IMAGING WITH AI ON THE EDGE

Impact Components

Edge AI Vision Cameras for Industrial Computing

Excellence. Every day. Every time.

Edge AI Integrated: Impact Meets SCAiLX

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Videology and Impact Components have joined forces to deliver integrated Edge AI vision solutions embedded directly into industrial computing platformts.

As a system integrator with more than 35 years of experience, Impact Components designs and builds All-In-One PCs, Mini Industrial Computers, and server platforms tailored to application-specific requirements.

By embedding the SCAiLX Edge AI Camera Platform into these systems, this collaboration simplifies system integration, reduces deployment risk, and accelerates time-to-market. It combines Videology's Edge AI camera technology with Impact Components' expertise in system-level design, certification, and global supply chain execution.

Integrated System Benefits

- **Embedded System Integration:** SCAiLX Edge AI cameras are factory-integrated into Impact Components' computer systems reducing integration time and deployment risk.

- **Configurable Hardware Architecture:** Systems are configurable to meet application-specific requirements for compute performance, I/O, memory, storage, and mechanical form factor.

- **Real-Time Edge Inference:** On-device AI processing enables low-latency decision-making and deterministic performance without dependence on cloud connectivity.

- **Certified System-Level Design:** Complete platforms are validated and certified at the system level to support regulatory, safety, and environmental requirements across targeted markets.

- **Multi-Market Deployment:** A single Edge AI vision platform supports deployment across multiple industries with minimal redesign.

- **Supply Chain Integrity:** Trusted global sourcing and system-level validation ensure reliability, authenticity, and long-term availability.

Designed for Edge AI Applications Across:

- Medical Technology Solutions

- Military and Defense Systems

- Kiosk and POS Platforms

- Industrial Automation and Robotics

- Gaming and Interactive Systems

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