Case Study

Automated Machinery

Open Frame Touch Monitor (OM)



Background

Application: Automated Machinery
Industry: Factory Automation

Location: APAC

A system integrator has applied our monitors (OM series) as HMI of the PLC systems. In response to the variety of automated machine equipment, our full display coverage and trusted quality ideally meet the customer's expectation. Deliver a powerful and efficient HMI solution for industrial automation, enhancing performance, ensuring safety, and optimizing cost-efficiency.

Project Requirements

The customer requires easy-integration industrial touch monitors with various screen sizes, from 10.1"-43", and customized touch-sensitive displays to work for its development of automated machines. Meantime, function stability, and product longevity are critical factors for 24/7 operation at the factory to visualize real-time onsite data helping operators make decisions.

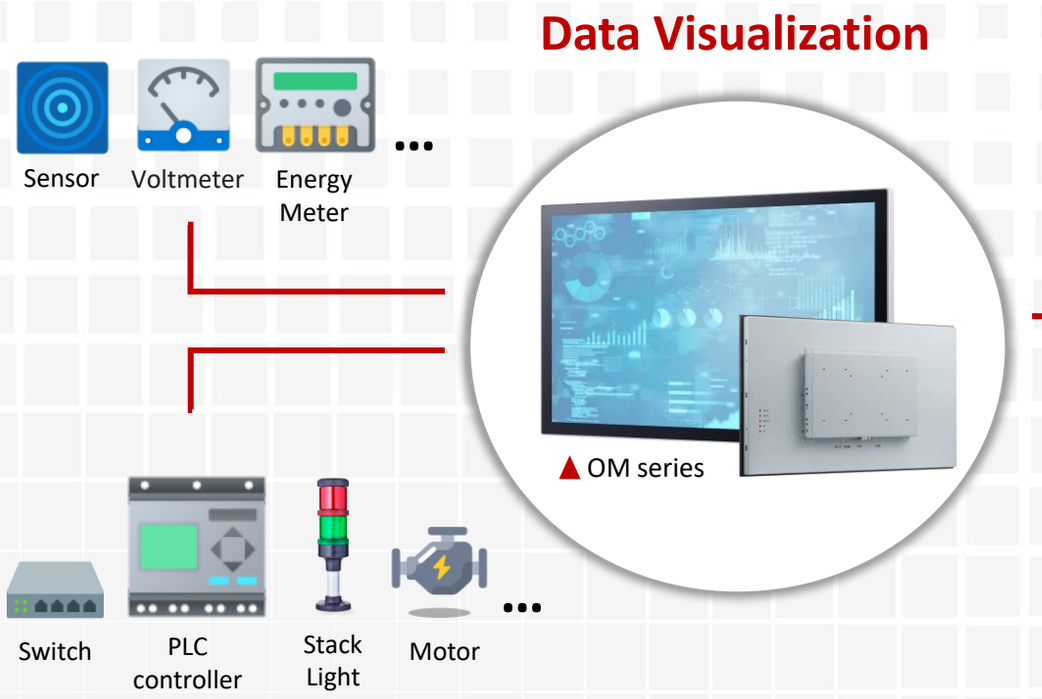
- **Wide Range Of Screen Sizes**
- **Leading Panel Quality** (AUO Display+)
- **Surface Treatment**
- **IP65 Rating**
- **Robust Design**

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Solutions

Project Requirements	Our Solutions
# 1. Various screen sizes	Complete product coverage for selection (7”-43”)
# 2. Easy for system integration	Open frame design with flexible mounting options
# 3. Touch sensitivity adjustment	Capacitive & Resistive touchscreen customization
# 4. Product stability and longevity	Industrial robust panel direct from AUO

Application Diagram





Application: Computer Numerical Control (CNC) Machine

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Benefits

Human-Machine Interfaces (HMI) are integral to the effectiveness of Programmable Logic Controllers (PLC) within industrial automation systems. Acting as the critical link between operators and PLCs, HMIs must evolve to adapt to various workflows and operating environments. High stability, compatibility, and tolerance are essential for HMIs to ensure smooth communication and control, enabling users to efficiently monitor and manage the processes governed by PLCs

- Project on time and within budget through one-stop solution
- Panel price advantage through our elite partner with AUO
- 25+ years of industrial experience and solid product quality

Why ADLINK

“Industrial Display Leading Provider”

- Solid-Built Product Quality
- Save Considerable Total Cost of Ownership
- Being Fast Time-to-Market
- In-house value-added customization
- One-stop solution service with our experts
- Partnership with Leading Panel Provider

Engage an Expert | More Products | Global Service

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