



# PT. INTEGRA TEKNIK ASIA

**Engineers Provider - Control and IT-embedded**

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## COMPANY PROFILE

INTEGRA TEKNIK ASIA is an independent **Automation System Integrator, Automation Software Developer, and Manufacturer of Automation Interface & Add-on Products**, focusing on Control, Security, Industrial IT / IT-embedded.

Currently we have twelve (12) Automation Engineers that have educational background and expertises on Electronics, IT, Telecommunication, Electrical, and Industrial area, as well have yearly experiences with Automation technologies and products, providing our company a complete exposures and resources to serve any of our customers Automation needs.

### AUTOMATION SYSTEM INTEGRATOR

As an automation system integrator, we are specializing our self to serve the following system/area :

- . **Control**
  - SCADA (Supervisory Control and Data Acquisition)
  - DCS (Distributed Control System)
  - Factory Automation
  - Building Automation
- . **Security**
  - Monitoring (CCTV and Motion Detector)
  - VTS (Vehicle Tracking System)
  - Access Control
  - Alarm System (Fire, Gas, and Smoke)
  - Paging and Annunciator
- . **IT-embedded**
  - Embedded Software Programming/Development
  - Telecommunication Infrastructure for the Control and Security

For the above system, PT. INTEGRA TEKNIK ASIA is ready to take a role as a turn-key contractor, sub-contractor, project consultant and QA/QC, as well as provide our outsourcing services.

On our outsourcing services, we carry a commitment in providing a proper engineer(s) and/or services, from individual engineer daily support to whole corporate resources long-term support, to meet our customers' needs and solve their problems so they could focus and concentrate to their main/primary business.



## Automation System Integrator - Detail on Offered Services

### Outsourcing

- . Feasibility/Assesment Studies and Survey
- . Detailed Engineering for Design and/or Bid Specification Document
- . System, Product, and Equipment selection advise based-on the nature needs
- . Bid Proposal Preparation Assistant including Cost Calculation
- . Project Management
- . System Construction or Construction Supervision
- . System Commissioning or Commissioning Supervision
- . Training on General Automation and Specific MMI Software & PLC

### Turn-Key

- . Direct Proposal and/or Bid Proposal
- . Assesment and Field Survey
- . Engineering and Design Specification
- . Project Plan Definition (Schedule, Resource, Budget, Alternates, and Risk)
- . Procurement including import and L/C preparation
- . Factory Implementation and Staging
- . Factory Acceptance Test
- . Field Installation and Construction
- . Site Acceptance Test and Commissioning
- . Factory and Field Training

### Products Supply

- . Controller (PLC and/or RTU) Programming
- . Internal Panel Wiring, including Relays, Tag/Label, and devices mounting
- . HMI Development, Configuration, and Programming
- . Custom Software Development
- . OPC Server for any proprietary serial protocol
- . Protocol Analyzer Interpreter library for any proprietary serial protocol
- . VAR for Recommended Automation Products/Equipment
- . Spare-parts for Recommended Automation Products/Equipment

### Training

Although we did not provide standard regular class training, but we are able to provide a custom Class and/or Direct Field Training based-on our customer needs.

As an independent system integrator, our training subject will be as objective as our knowledge and experience to the associated product/system.

Our Class Training will have the actual MMI Software and Controller, as well as the Field I/O Simulator. This will provide our trainees a real automation system that they could start their learning from the basic (such as software installation, interface connection, etc.) up to advance system (screen development and scripting, controller programming, etc.).



## **AUTOMATION PRODUCTS DEVELOPER/MANUFACTURER**

In all aspect we prefer to use the available Automation Products in the market and just provide our services to integrate and implement those products as a system. However, based-on our engineers' yearly experience, we have identified that some of custom products are needed as an add-on / complimentary to the Products in the market.

Therefore we have develop/manufacture some own products, especially on the converter/interface and protocol driver software.

The availability to develop custom products is one of our strength points as an assurance that all of the system that integrates by us will work properly as designed.

We have developed range of Automation software based-on OPC and SQL technologies, that is :

### **1. InTek Hybrid Multi-OPC Server**

**The first OPC Server product in the world that capable to run multi-protocol over single serial communication port/channel.**

### **2. InTek HistLog**

OPC to mySQL/ODBC

### **3. InTek GraphHist & GraphAnalyst**

Graphical Trend Viewer and Trend Comparison

### **4. InTek Field&PlantView**

Real-time Graphical Presentation with Multi-media Alarm

### **5. InTek XLS Report**

Automatic Periodic Report in Excel Spreadsheet

### **6. InTek IEDsView**

Detail Access and Setup of Intelligent Electronic Devices (IED).

### **7. InTek Excel Add-In**

Turn the excel spreadsheet to become simple MMI, and connect to any OPC Server directly via just select-and browse.

and we have bundled the above software modules for a specific application area, that is:

**InTek PowerView** for Electrical's IEDs Monitoring and Control :

- InTek MetersView (Digital Power Meter)
- InTek RelaysView (Protection Relay and Recloser)
- InTek MotorsView (Motor Controller)

**InTek WellsView** for Oil and Gas' IEDs Monitoring and Control :

- InTek ESPsView
- InTek InjectionsView
- InTek BeamsView
- InTek WellsSurveillance