



COMPANY INTRODUCTION

PLC, HMI, SCADA & INDUSTRY 4.0 TRAINING

AS Automation Services & AS Automation
Systems Training Centre P.L.T

NO 9-01, JALAN PERTAMA 5, PUSAT PERDAGANGAN

DANGA UTAMA, 81300, JOHOR BAHRU, JOHOR,

MALAYSIA.

Phone: 607-5596470

Email: sthanger@asasmy.com

Website: www.asasmy.com





AS AUTOMATION SERVICES (MY) & AS AUTOMATION SYSTEMS TRAINING CENTRE P.L.T

AS Automation Services & Training (JM0652468D) AND AS AUTOMATION SYSTEMS TRAINING CENTRE P.L.T (LLP0016472-LGN) was established collaboration with Automation-Services.de Germany and Automation-Services(s) PTE.LTD. This company was incorporated in AUG 2012 with capabilities in automation, training and services. We offer a well-equipped plc training class with Allen Bradley, Siemens, Omron, Mitsubishi and BECKHOFF PLC's and HMI. We have provided training in PLC & HMI since 2012 for NSSDC (Negeri Sembilan Skill Development Centre), Griffin Solutions, PETRONAS, DYSON Sanai, Celestica and many more that can be checked through this link - <https://www.asasmy.com/asas-customers.html>.

We also conduct training in Bahasa Malaysia. We offer a complete range of electrical and mechanical automation services to all sizes of manufacturing automation, building automation, utilities automation and environmental monitoring system for manufacturing under controlled conditions. We have the resources to develop and manufacture customized automation equipment catered to all types of manufacturing. Our goal is to help our customers to become efficient and competent in producing quality products, and to train a workforce that will eventually deliver these expectations. We deliver the expertise and quality needed in the ever-evolving market of machine building and automation. Our services include complete equipment development, equipment rebuilding, electrical and mechanical engineering, product development and production capabilities and our in-house expertise to manufacture and service our own equipment. Our products consist of custom equipment and third-party equipment integrated in a complete customized automation package. To know more about our experience since 2012, just follow us at our blog – scan the QR code below to get the link.

THIS IS THE STEPPING STONE TO THE DOORS OF INDUSTRIE 4.0





Who we serve?

Businesses, Industries, Government agencies, Training Providers.

Where we train?

On-site at your location, One of ASASMY HQ, third party locations that are convenient to you, Online/Blended.

Consultation?

Thorough needs assessments, Customized training, on-budget and on-schedule, designed to address your business needs, Ongoing coaching for successful implementation and sustainability.

OUR VISION

IS TO CREATE A RESPECTFUL AND SKILLED WORKING ENVIRONMENT WHERE OUR EMPLOYEES AND CUSTOMERS WILL BE SURROUNDED BY PROFESSIONAL WORK ETHICS THAT SUPPORT OUR COMMITMENT TO CUSTOMER SATISFACTION.

WE ARE EXPERTS IN





WHY CHOOSE US?

WE ARE THE LEADING TRAINING PROVIDER IN 5 TYPES OF PROGRAMMABLE LOGIC CONTROLLERS WITH 37 YEARS OF EXPERIENCE

SUPPORT AND TRAINING

We provide help in organizing the information on your project or courses, and choosing appropriate course, time and budget for your required experience. We also provide training in PLC programming in house and on site with full equipped PLC'S and documentation.

CLIENT CARE

We have satisfied clients who give us repeat business. We like to think that's because we have taken a long-term view in a field where many project and training, we have provided wonderful and quality training, service and consultation.

WORK IN STAGES

We work closely with you to achieve your aims. You needn't worry that you will be stuck with a lengthy and expensive project that runs out of control, because we quote for work in agreed stages, with working prototypes at each stage.

Training, Services , Projects & Consultation since 2012





OUR Senior Trainers

SUNDERASEN THANGARAJAN

(CO-Founder / Senior Trainer in PLC, HMI & SCADA / Manager)

(Retired, Advisor to asasmy active trainer (Starting 2023))



Mr.Sunderasen (TSoon) has more than 32 years of industry experience in PLC and HMI programming as a Project Engineer in Singapore. Trained in Australia as an Electrical and Instrument Engineer, he then got his formal PLC and Robotics Training from Ngee Ann Poly Singapore. Mr.TSoon has worked in an OEM company for machine fabrication as a Programmer and has commissioned machines in Germany, Thailand, India, China, Philippines and Malaysia.

Throughout his years of industry experience, he has Undergone specialized training and massive exposure towards different PLC Systems, i.e. Siemens (Siemens Singapore), Allen Bradley (Rockwell Singapore), Omron (Precicon Singapore), Adept Robot (Adept Singapore), and GE Fanuc (TDS Singapore). He has also vast experience in Building Management System, Integrating HVAC, Security, Fire Fighting System, Electrical and Utilities into One centralized monitoring station.

ANDREAS SCHAFFSTEIN

(Founder, Senior Trainer, Industrial Automation Project Manager Singapore)



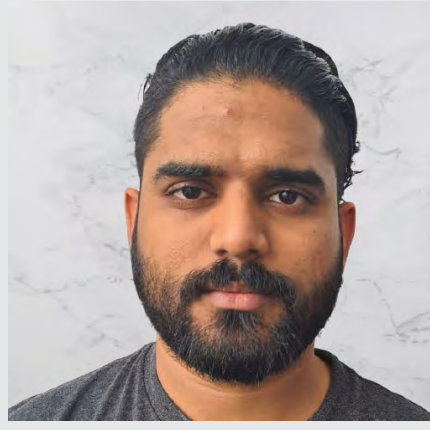
More than 20 years of industry experience in PLC and HMI programming as a Project Engineer /manager in Europe, USA and the Asia Pacific regions. He got his formal Engineering Degree in Germany. He has done projects in the car industry in Chicago, Pharma Plants in Germany, Singapore and China. In Singapore he has done projects with MSD, Wyeth, Alcon, Schering Plough and Pfizer.



OUR 2nd Generation Trainers & Organizers

MR.THIVYAN

(Active Senior Trainer, HRDCorp Certified Training Provider)



Mr.Thivyan has 8 Years working experience in PLC and HMI programming as Project Engineer and PLC Trainer in AS Automation Services, Malaysia. He has vast experience in training Siemens Simatic Manager V5.6; Siemens TIA Portal V15 ; Siemens S7200 Microwin V5.6; Siemens WinCC ; Allen Bradley Logix 5000; Allen Bradley Logix 500; Mitsubishi GX Works2 ; Mitsubishi GT Designer ; Omron CX- Programmer V9.7; Omron CX Designer ; Omron Sysmac Studio; Omron NB Designer; GE Fanuc Proficy Machine Edition. Major in Mechanical Engineering in Ungku Omar Polytechnic and UTM has done PLC and HMI projects for MSD Singapore , Evergreen Batu Pahat, Toyo Power Kulai,Johor, Kerry Ingredients Johor, Watertec Johor..etc...more info can check in our blog, Link below. Besides that, he has done many machine troubleshooting which using PLC like, Omron CJ Series, Mitsubishi Q Series,Mitsubishi FX Series, Allen Bradley Compact/Control Logix, Siemens S7300 ,Siemens S71500 and LG PLC. He is familiar with HMIs and Touch Panels; RSView, CX-Designer, WinCC, Hakko, Mitsubishi, Proface, Delta and etc. He has trained Engineers from many Industries namely, Malaya Glass, Samsung Seremban, Dyson Senai (JB)/Singapore, Toyota Shah Alam, Philip Industries (Batam, Indonesia), Petronas, DongHwa Wood Industries, Dematic, Volvo Manufacturing...etc.



2nd Generation Trainers & Organizers

MR.YOKES

(Active Senior Organizer & Marketer, HRDCorp Certified Training Provider)



Mr.Yokes has 9 Years working Experienced in Digital Marketing & System Analyst with a demonstrated history of working in the automation logistic & industry field. Skilled in Microsoft Office, Video Editing, Facebook, Twitter, Linkedin, Instagram Marketing & Goggle+ Social marketing. Server installation & Commissioning involvement in WCS, WMS & ASRS Projects. Adobe softwares specialist, and PLC Software's research. Strong operations professional with a Diploma in Information Technology & Business Information Systems focused on Digital Marketing from Multimedia University. Website owner and designer for www.asasmy.com. He has growing experience in the industrial automation field by collecting related information for his company marketing in training, services and consultation and growing influence for the company since 2014. He has vast experience in web design, business management, project management and training organizer, digital marketing, Basic Programming in JAVA; HTTP; C# & XML, Graphic Designing using Adobe Software, Intermediate level in Video Editing and Advance level in Personal PC & Industrial Control Panel Rig building. After resign his job with his previous company, he joins back with AS Automation Services and took basic level and gain his experience in training PLCs namely Siemens TIA Portal V15; Siemens S71200, Allen Bradley Logix 5000; Mitsubishi GX Works2. He has assisted in training and trained Engineers from many Industries together with his trainer Mr.Thivyan.



PLC, HMI & SCADA Training Instruction

- Five Brands training for state-of-the-art PLC (Programmable Logic Controller) and HMI (Human Machine Interface) and SCADA System for Basic to Intermediate (3 days) and Basic to Advance level (5 days),
- Basic Training on PLC Electrical Hard Wiring and Basic in using FLUKE Process Meter also included in the package.
- All Classes are 80% Hands On. Make yourself employable.
- All training session will be conducted in Bahasa Malaysia & English.
- Step-By-Step Training manual provided for designated training brands.
- Basic concepts, handling, programming and troubleshooting skills in mastering industrial automation products.
- Fully equipped training center at our location in Johor Bahru (click this link for address) with various PLCs for hands on training.
- In-house and On-site Training (Company Sponsor).
- Nearby suitable hotel called "Leverage Skudai hotel" and its walking distance to our institute plus restaurant nearby (not included in fees).
- Morning & Afternoon Coffee/Tea break is available.
- Applicable for HRDCorp (PSMB) CLAIM* (For Malaysian Company only).
- Upon completion of this course, the students will be able to: -
 - Construct, test and run PLC programs using instructions.
 - Utilize advanced trouble shooting tools Online.
 - Download, Upload, Save and copy programs.
 - Formulate a control strategy for creating PLC programs.
 - Fully document a PLC program.
 - Utilize advanced troubleshooting tools.
- Recommend Audience: Electricians, Technicians, Engineers, Maintenance Personnel, Control Engineers, Individuals who need to be able to understand the advanced capabilities of PLCs.
- Prerequisites:
 - Basic computer skills are required.
 - Basic Software Knowledge is required.
 - Basic Electricity.
- Equipment:
 - Applied PLC Model & HMI Panel (upon request).
 - Training Laptop with chosen programming software & HMI Software Installed, for 2 Person Share.

INDUSTRIAL AUTOMATION TRAINING WE PROVIDE



Course Title :Siemens S7 200 & MicroWin V4.0.
Software :MicroWin V4.0.
PLC-Type : Siemens S7 200 PLC.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title :Siemens S7 1200 & TIA Portal.
Software :Siemens TIA Portal.
PLC-Type : Siemens S7 1200 PLC.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title :Omron C-Series or CJ-Series.
Software : CX Programmer / CX-One.
PLC-Type : C-Series.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title :Allen Bradley Compact/Control Logix.
Software :RSLogix 5000.
PLC-Type :Allen Bradley Compact/Control Logix.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title : Mitsubishi FX Series.
Software :GX Works 2 / GX Works 3.
PLC-Type : FX3S PLC.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title :Schneider TM221 & SoMachine+HMI.
Software :SoMachine Basic & Vijeo Designer (HMI).
PLC-Type : TM221 Model PLC.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title :Siemens S7-300 & SM / TIA Portal.
Software :Simatic Manager/TIA Portal .
PLC-Type : Siemens S7 300 PLC.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title :Omron NX-Series & Sysmac Studio.
Software :Sysmac Studio.
PLC-Type : NX-Series PLC.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title :Allen Bradley SLC-500.
Software :RSLogix 500.
PLC-Type : Allen Bradley SLC500.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title :Allen Bradley MicroLogix PLC & CCW.
Software :Connected Component Workbench.
PLC-Type :Allen Bradley MicroLogix PLC.
Duration: 3 Days (Basic to Intermediate).



Course Title :Keyence KV Series & KV Studio. (NEW)
Software :KV Studio V10.
PLC-Type :KV Series PLC.
Duration: 3 Days (Basic to Intermediate).



Course Title :GE Fanuc Series 90-30 PLC & Proficy ME
Software :Proficy Machine Edition 9.5 .
PLC-Type : Series 90-30 PLC.
Duration: 3 Days (Bsc to Inter) , 5 Days (Basic to Advance).



Course Title : Siemens TIA Portal V15.1 & WinCC Comfort (PLC, HMI & SCADA) IIOT & Cloud Programming(5 days) PLC Programming Training Course.

Hardware : SIEMENS S7-1200 , SIMATIC Touch Panel.

Software: TIA Portal 15.1 Software , IIOT Software, WinCC Comfort , Laptop.

Duration: 5 Days (Basic to Advance).



Registration Request



WE BRINGING IN INDUSTRY 4.0 TO MALAYSIA

A STEPPING STONE TO THE NEW INDUSTRIAL REVOLUTION

Industry 4.0 (I4.0) is a name given to the current trend of automation and data exchange in manufacturing technologies. It includes cyber-physical systems, the Internet of things, cloud computing and cognitive computing. Industry 4.0 is commonly referred to as the fourth industrial revolution. Industry 4.0 is not only the digitization of the factory but across the entire value chain i.e., the vendor's vendor until the customer's customer. Since Data is the next Oil, Industry 4.0 will use the humongous amount of data that is generated in the plants for Data analysis and to make the machines more self-reliant on themselves. This is also because of the explosion of IOT devices and their capacity to extract data even from the minute of minute machines.

Training Course Aims:

Upon completion of this course, the students will be able to:

- To be aware what is Industry 4.0.
- To be able implement project with regards to industry 4.0.
- To Maintain industry 4.0.

Durations:

Duration is 3 Days for basic and 5 Days for Complete Course.

Recommended Audience:

Engineers, Manager.

Prerequisites:

- Diploma Holders.
- Degree Holders.

consulting . engineering . training . service



Setting the Standard for Automation™



Can request for course content by email us at sthanger@asasmy.com



AS AUTOMATION SERVICES

With Many years Of Experience in Industrial Automation Projects and Network of Specialist We Also Provide Expert Supports.

Engineering

Hard and Software Design for PLC, SCADA and HMI.
Designing PLC Panel Industrial/Training kits.
Control Panel Manufacturing, Production Panels,
Custom Control Panel.
FAT Documentation Design.



Services

Repair of PLC components.
Delivery of components, obsolete components.
PLC, HMI Troubleshooting.
PLC, HMI Commissioning support.
PLC Programming Documentation.
GDP, Validation support according to GAMP.



Consulting

Optimization and efficiency.
Upgrading of machines, processes.
FAT Documentation Design.

SERVICE CHARGES OR EMERGENCY CALL AT NIGHT AFTER 7PM TO NEXT DAY 7AM DOUBLE CHARGES. FOR EMERGENCY CALL: 24/7 : CALL +607-5596470

(Traveling cost in Johor Bahru district is FREE, Outside of JB District charges will be made accordingly).

More at our website @ www.asasmy.com

PLC & HMI SPARE PARTS

ASAS Spares Term & Condition.

- All Product spare parts here are to resell to our customer's needs.
- Customers only allowed to buy for usage in Automation Institute, Production Companies and Engineering Projects.
- Customers can check the spare part list and contact us here.
- Payment can be done through cash, Online or Banking in our local bank (Malaysia). For more info contact us here.
- For Description and price about the spares. Customers can contact us here.
- For refund, faulty, damaged, lost and return please contact us instructions.
- We as ASAS (MY) will give you full support and satisfaction for your needs.
- After the customer found the parts they need, please send us a message about the parts you need and we will get back to you as soon as possible. Thank you.

Below is the link to our spare parts site.

Link to our Industrial Automation Spare list page:
www.asasmy.com/plc_hmi_scada_products.html



- We also offer custom custom PLC & HMI Training Kit for Individual, industry, Institute & universiti for practice purpose.
 - We offer a full line of Digital, Analog and HMI trainers with Allen Bradley, Siemens, Mitsubishi, Omron, Beckhoff, Keyence, Automation Direct (KOYO), GE Fanuc and more to come.
 - All of our Training Kits have been tested with Windows XP (PRO) and Windows 7 PRO (32 & 64bit) our Allen Bradley also have been tested with Windows 10 PRO and we are currently testing the others. For more detail info , please dont hasitate to contact us.
- Our training kits are the perfect low cost Kits, great for students, technical schools, colleges or companies that want to bring their employees up to speed on PLC controls, its a complete package rolled into one all you need a PC/Laptop.



SOFTWARE SUPPORT

We can provide software support covering PLCs, HMIs, Networks and SCADA, we also work with other software integration companies who can provide back to front office solutions.

Software support plus expenses will be discuss according to customer needs.

To contact us either email to sthangar@asasmy.com or phone 607-5596470, 6012-3699190, 607-5202694

Siemens

- Siemens S5, series.
- Siemens S7 200.
- Siemens s7 300/400 Profibus, ProfiNet or ASi.
- HMIs, OP panels and WinCC Flexible.
- WinCC SCADA.
- SIEMENS TIA PORTAL V15 and above

Allen Bradley / Rockwell

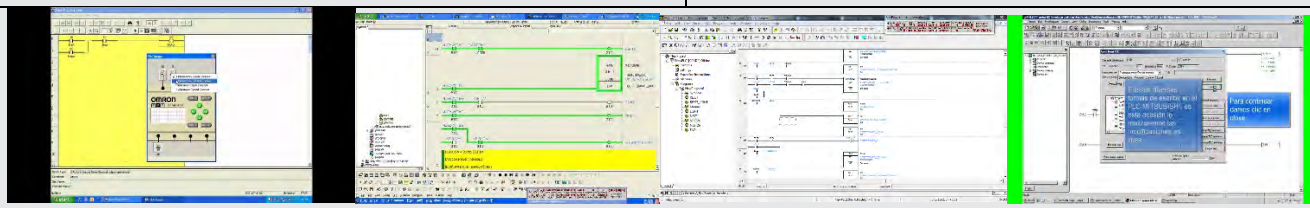
- MicroLogix.
- SLC500 plus Networking, DH485, DH+, Ethernet, DevicNet, ASi.
- ControlLogix, CompactLogix, or Flexlogix with Ethernet, DevicNet, ControlNet and ASi, Profibus.
- HMIs, Panel view or PanelView Plus.
- RSVIEW SCADA.

Mitsubishi Electric

- FX, A or Q series,
- E series and GOT series panel HMIs.
- CC Link and Ethernet networks.
- MX4 SCADA.

Omron

- Omron C series.
- Omron HMIs.
- Omron NX Series.
- Omron Relay



Our Services & Project Pictures (2018)



Link to our services and project websites

www.asasmy.com/industrial-automation-services_malaysia.html

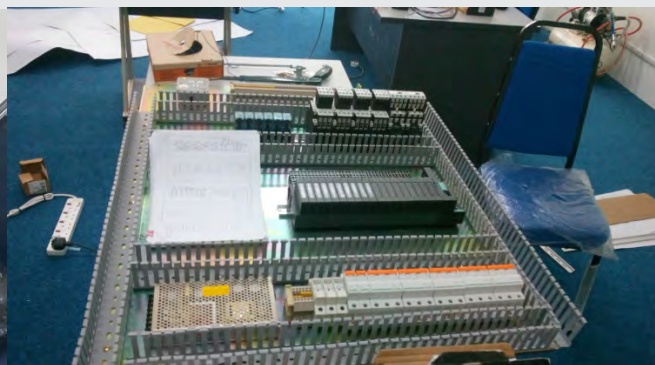
www.asasmy.com/automation_control_panels.html

Our Training Pictures (2018)



Check Out Our Blog @ www.asasmy.com/asasblog

Our Project Pictures (2019)



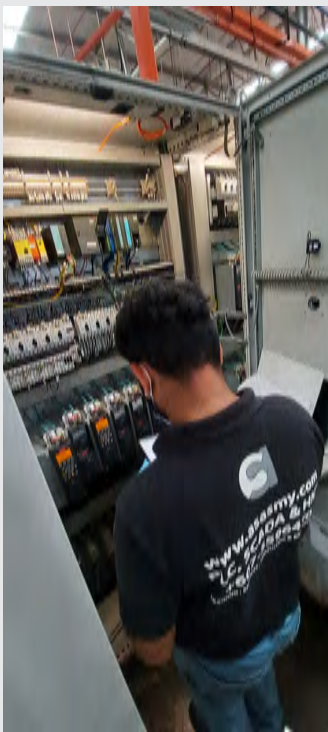
www.asasmy.com/industrial-automation-services_malaysia.html
www.asasmy.com/automation_control_panels.html

Our Training Pictures (2019)



<https://www.asasmy.com/asasblog/category/training>

Our Project Pictures (2020 & 2021)



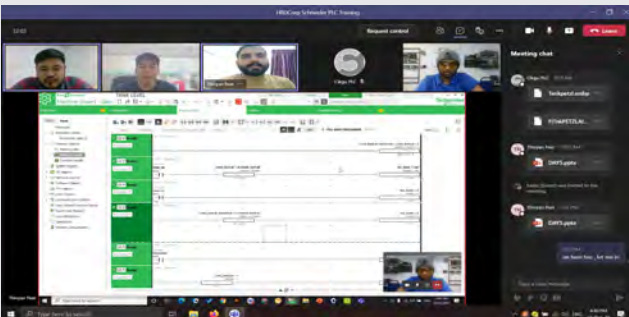
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www.asasmy.com/automation_control_panels.html

Our Training Pictures (2020 & 2021)



<https://www.asasmy.com/asasblog/category/training>

Our Training Pictures (2022)



<https://www.asasmy.com/asasblog/category/training>

Our Training Pictures (2023)



<https://www.asasmy.com/asasblog/category/training>

Our Project Pictures (2023)



www.asasmy.com/industrial-automation-services_malaysia.html
www.asasmy.com/automation_control_panels.html

GET IN TOUCH WITH US

Visit or direct call

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E-MAIL: sthanger@asasmy.com, thivyan@asasmy.com,

Thank You

