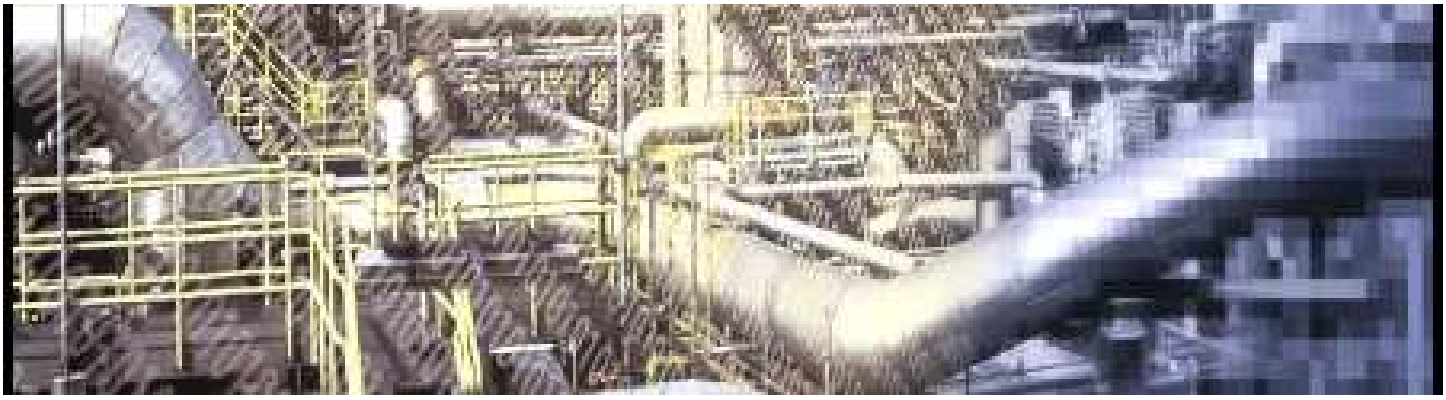
TriSystems Engineering 2011 Training Brochure

For more information or training reservation, please call:

TRISYSTEMS ENGINEERING SDN BHD
No. 6, Jalan Tiang U8/91, Taman Perindustrian Bukit Jelutong, Sec. U8,
40150 Shah Alam, Selangor, Malaysia.
Tel: +603 7847 3278 Fax: +603 7845 3510
Email: lynda@trisys.com.my

Trisystems



Welcome to the Trisystems Engineering 2011 Training Catalogue!

Training continues to have a huge impact on today's Process Control business environment. TriSystems equips your employees with the necessary skills, information and resources to empower them in their work and their specific chosen position. Building staff skills is one of the most effective ways to boost productivity, manage change and build employee confidence, enabling them to make better decisions and boost the return on investment on human capital.

On-site Training

In most cases workshop content can be tailored toward your specific plant, equipment and/or conditions. One of our Senior Instructors will come to your venue anywhere in Malaysia. It's affordable, effective, convenient and much easier than you may have thought.

Experience Counts

Our workshops are all comprehensive hands-on learning experiences with more than 50% practical sessions and demonstrations. We communicate well to ensure that workshop content and timing match the knowledge, skills, and abilities of the participants.

Money Matters

The cost savings over external training can be dramatic. Savings on course fees are just the beginning, save on travel, time and accommodation costs. Eliminate the inconvenience of having your technicians and/or engineers away from the workplace.

For more information or training reservation, please call:

TRISYSTEMS ENGINEERING SDN BHD
No. 6, Jalan Tiang U8/91, Taman Perindustrian Bukit Jelutong, Sec. U8,
40150 Shah Alam, Selangor, Malaysia.
Tel: +603 7847 3278 Fax: +603 7845 3510
Email: lynda@trisys.com.my

Trisystems

TRICON COMPREHENSIVE

Overview

This 5days course covers a complete TRICON system implementation. Upon completion of this course the student will be able to define system capabilities, define nodes, configure continuous and sequential control strategies, operate the system and define users and security.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, Application Engineers, Process Control Engineers, Systems Integrators, and end users that are involved in the design, development, and installation of process automation systems.

Duration: 5 days

Topics

- Overview of PLC
- Principles of TRICON TMR Design
- TRICON Hardware Components and Modules
- Installation and checkout
- TRICON maintenance and minor trouble shooting
- Introduction to TriStation 1131
- Project implementation – Language editors, Edit Configuration
- Download Change and Download All
- Emulator Control Panel Usage, Instancing of Program
- Commonly used Function Blocks, Logic
- TriStation 1131 System Administration, Communication
- TRICON Control Panel
- Navigating actual project program logic
- TRICON Integration Communication
- TRICON SOE Configuration

Price : (MYR)

TRICON MAINTENANCE

Overview

This 3days course covers a complete TRICON system implementation. Upon completion of this course the student will be able to define system capabilities, define nodes, configure continuous and sequential control strategies, operate the system and define users and security.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, Operators.

Duration: 3 days

Topics

- Overview of PLC
- Principles of TRICON TMR Design
- TRICON Hardware Components and Modules
- Installation and checkout
- TRICON maintenance and minor trouble shooting
- Introduction to TriStation 1131
- Project implementation – Language editors, Edit Configuration
- Download Change and Download All
- Emulator Control Panel Usage, Instancing of Program

Price : (MYR)

For more information or training reservation, please call:

TRISYSTEMS ENGINEERING SDN BHD
No. 6, Jalan Tiang U8/91, Taman Perindustrian Bukit Jelutong, Sec. U8,
40150 Shah Alam, Selangor, Malaysia.
Tel: +603 7847 3278 Fax: +603 7845 3510
Email: lynda@trisys.com.my

Trisystems

TRIDENT MAINTENANCE

Overview

This 3days course covers a complete TRIDENT system implementation. Upon completion of this course the student will be able to define system capabilities, define nodes, configure continuous and sequential control strategies, operate the system and define users and security.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, Operators

Duration: 3 days

Topics

- Overview of PLC
- Principles of TRIDENT TMR Design
- TRIDENT Hardware Components and Modules
- Installation and checkout
- TRIDENT maintenance and minor trouble shooting
- Introduction to TriStation 1131
- Project implementation – Language editors, Edit Configuration
- Download Change and Download All
- Emulator Control Panel Usage, Instancing of Program

Price : (MYR)

TRIDENT COMPREHENSIVE

Overview

This 5days course covers a complete TRIDENT system implementation. Upon completion of this course the student will be able to define system capabilities, define nodes, configure continuous and sequential control strategies, operate the system and define users and security.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, application engineers, process control engineers, systems integrators, and end users that are involved in the design, development, and installation of process automation systems.

Duration: 5 days

Topics

- Overview of PLC
- Principles of TRIDENT TMR Design
- TRIDENT Hardware Components and Modules
- Installation and checkout
- TRIDENT maintenance and minor trouble shooting
- Introduction to TriStation 1131
- Project implementation – Language editors, Edit Configuration
- Download Change and Download All
- Emulator Control Panel Usage, Instancing of Program
- Commonly used Function Blocks, Logic
- TriStation 1131 System Administration, Communication
- TRIDENT Control Panel
- Navigating actual project program logic
- TRIDENT Integration Communication
- TRIDENT SOE Configuration

Price : (MYR)

For more information or training reservation, please call:

TRISYSTEMS ENGINEERING SDN BHD
No. 6, Jalan Tiang U8/91, Taman Perindustrian Bukit Jelutong, Sec. U8,
40150 Shah Alam, Selangor, Malaysia.
Tel: +603 7847 3278 Fax: +603 7845 3510
Email: lynda@trisys.com.my

Trisystems

MOST BASIC TRAINING

Overview

The class designed to benefit participants with basic knowledge about MTL MOST and application related to MOST Hybrid and SafetyNet. Participants will be involved with basic programming using MOST Workbench and how to maintain and troubleshoot in all areas of the MOST system.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, Operators

Duration: 12 hours (1½ days)

Topics

- Introduction and brief history of PLC
- Introduction to MTL MOST
- MOST Architecture
- MOST Controller and module
- System Configuration - Installing the Workbench
- Configure your hardware with MTL IO Configurator
- MOST Workbench: Basic programming
- Logic Simulation and Real-time
- System checkout (Simulation)
- Troubleshooting

Price : (MYR)

Location	*Date*
*Call to discuss	

MOST PROCESS TRAINING

Overview

This three-day class is design to give participants the knowledge necessary to engineer, configure, and maintain a MOST system. Participant will create several projects during the class, allowing them to go through the complete project development cycle (project configuration, tag creation, IO module configuration, control strategy development, downloading, and debugging) multiple times during the class.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, application engineers, process control engineers, systems integrators, and end users that are involved in the design, development, and installation of process automation systems.

Duration: 3 days

Topics

- Introduction and brief history of PLC
- Introduction to MTL MOST
- MOST PROCESS Architecture
- MOST PROCESS Controller and module
- System Configuration - Installing the Workbench
- Configure your hardware with MTL IO Configurator
- MOST Workbench: Basic process control programming
- Logic Simulation and Real-time
- System checkout (Simulation)
- Troubleshooting
- Managing Workbench, purging and restore project
- MOST Integration Communication
- Sequence of Event (SOE)

Price : (MYR)

Location	*Date*
*Call to discuss	

For more information or training reservation, please call:

TRISYSTEMS ENGINEERING SDN BHD
No. 6, Jalan Tiang U8/91, Taman Perindustrian Bukit Jelutong, Sec. U8,
40150 Shah Alam, Selangor, Malaysia.
Tel: +603 7847 3278 Fax: +603 7845 3510
Email: lynda@trisys.com.my

Trisystems

MOST LOGIC TRAINING

Overview

This three-day class is design to give participants the knowledge necessary to engineer, configure, and maintain a MOST system. Participant will create several projects during the class, allowing them to go through the complete project development cycle (project configuration, tag creation, IO module configuration, control strategy development, downloading, and debugging) multiple times during the class.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, application engineers, process control engineers, systems integrators, and end users that are involved in the design, development, and installation of process automation systems.

Duration: 3 days

Topics

- Introduction and brief history of PLC
- Introduction to MTL MOST LOGIC
- MOST LOGIC Architecture
- MOST LOGIC Controller and module
- System Configuration - Installing the Workbench
- Configure your hardware with MTL IO Configurator
- MOST Workbench: Basic logic programming
- Logic Simulation and Real-time
- System checkout (Simulation)
- Troubleshooting
- Managing Workbench, purging and restore project
- MOST Integration Communication
- Sequence of Event (SOE)

Price : (MYR)

Location	***Date***
*Call to discuss	

MOST SAFETYNET TRAINING

Overview

This three-day class is design to give participants the knowledge necessary to engineer, configure, and maintain a MOST system. Participant will create several projects during the class, allowing them to go through the complete project development cycle (project configuration, tag creation, IO module configuration, control strategy development, downloading, and debugging) multiple times during the class.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, application engineers, process control engineers, systems integrators, and end users that are involved in the design, development, and installation of process automation systems.

Duration: 3 days

Topics

- Introduction and brief history of PLC
- Introduction to MTL MOST SAFETYNET
- MOST SAFETYNET Architecture
- MOST SAFETYNET Controller and module
- System Configuration - Installing the Workbench
- Configure your hardware with MTL IO Configurator
- MOST Workbench: Basic Logic programming
- Logic Simulation and Real-time
- System checkout (Simulation)
- Troubleshooting
- Managing Workbench, purging and restore project
- MOST Integration Communication
- Sequence of Event (SOE)

Price : (MYR)

Location	***Date***
*Call to discuss	

For more information or training reservation, please call:

TRISYSTEMS ENGINEERING SDN BHD
No. 6, Jalan Tiang U8/91, Taman Perindustrian Bukit Jelutong, Sec. U8,
40150 Shah Alam, Selangor, Malaysia.
Tel: +603 7847 3278 Fax: +603 7845 3510
Email: lynda@trisys.com.my

Trisystems

MTL 8000 BIM TRAINING

Overview

The class is design to give participant the knowledge necessary to engineer, configure and maintain BIM system.

Who should attend?

Electrical Engineers, Design Engineers, Consulting Engineers, Instrumentation Technicians, Process Control Technicians, Engineering Managers, Operators

Duration: 8 hours (1 day)

Topics

- Introduction to MTL MOST LOGIC
- Introduction to MODBUS protocol
- Overview of PROFIBUS protocol
- Bus Interface Module (BIM), IO Module
- Configure BIM using IO Configurator
- BIM Integration Communication
- Monitoring BIM Status remotely
- Troubleshooting
- Troubleshooting
- HART pass-through using 8415

Price : (MYR)

Location	***Date***
*Call to discuss	

CIMPLICITY IMPLEMENTATION TRAINING

Overview

This course is design to introduce participants to the GE CIMPLICITY HMI/iFix product and overview on some of the powerful features of the product and ease of use.

Who should attend?

Instrument Engineer, Process Control Engineer, Instrument Technician, Process Control Technician, Engineering Manager, Design Engineer.

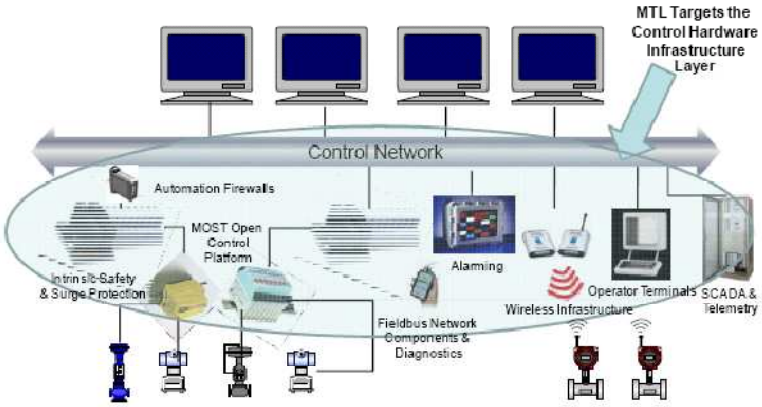
Duration: 2 days

Topics

- Introduction to Cimplicity
- Designing the screen
- Trending and Linking Object
- Connecting to the PLC
- Reporting
- Online modification
- Troubleshooting

Price : (MYR)

Location	***Date***
*Call to discuss	



For more information or training reservation, please call:

TRISYSTEMS ENGINEERING SDN BHD
No. 6, Jalan Tiang U8/91, Taman Perindustrian Bukit Jelutong, Sec. U8,
40150 Shah Alam, Selangor, Malaysia.
Tel: +603 7847 3278 Fax: +603 7845 3510
Email: lynda@trisys.com.my

Trisystems

TRICONEX OPC TRAINING

Overview

This course is design to introduce students to the OPC technology and overview on some of the powerful features of OPC.

Who should attend?

Instrument Engineer, Process Control Engineer, System Engineer, Project Manager, Project Engineer Instrument Technician, Process Control Technician, Engineering Manager, Design Engineer.

Duration: 2 days

Topics

- Introduction to OPC Technology
- OPC Tunneling Technology
- OPC Alarms and Events
- OPC Redundancy
- OPC Client Server Architecture
- OPC Diagnostic and troubleshooting
- Configure OPC for Triconex
- Retrieving data from OPC Server

Price : (MYR)

Location	***Date***
*Call to discuss	

MOST OPC TRAINING

Overview

This course is design to introduce students to the OPC technology and overview on some of the powerful features of OPC.

Who should attend?

Instrument Engineer, Process Control Engineer, System Engineer, Project Manager, Project Engineer Instrument Technician, Process Control Technician, Engineering Manager, Design Engineer.

Duration: 2 days

Topics

- Introduction to OPC Technology
- OPC Tunneling Technology
- OPC Alarms and Events
- OPC Redundancy
- OPC Client Server Architecture
- OPC Diagnostic and troubleshooting
- Configure OPC for MOST
- Retrieving data from OPC Server

Price : (MYR)

Location	***Date***
*Call to discuss	

For more information or training reservation, please call:

TRISYSTEMS ENGINEERING SDN BHD
No. 6, Jalan Tiang U8/91, Taman Perindustrian Bukit Jelutong, Sec. U8,
40150 Shah Alam, Selangor, Malaysia.
Tel: +603 7847 3278 Fax: +603 7845 3510
Email: lynda@trisys.com.my

Trisystems