



#### **FEBRUARY 2017**



# Mitsubishi Electric to Launch Over 200 FA **Devices Compatible with CC-Link IE Field Network Basic**

CC-Link | Production environment of all sizes are being upgraded through utilization of IT and Internet of Things (IoT) to meet increasingly diversified and sophiscated needs in manufacturing. More than 200 factory automation (FA) devices compatible with the company's CC-Link IE Field Network products would be sequentially released. Read more.

# **Product & Solution News**



### **New Built-in Ethernet Communication** Function Added into FR-F800E Inverter

The inverter with a built in Ethernet communication function is now available in the FR-F800 series. The support tool with extensive function allows FR Configurator2 and an inverter to be connected by Ethernet even when they are remotely located from each other and enables construction of a smallscale system of inverters. Read more.



### **New Firmware Updates**

Do you know that the new functions in the latest version of the CPU module can be used without replacing hardware? Users can also write the firmware update prohibited file to prevent unexpected updates. Read more.



# Introducing New Models to the MELSEC iQ-F

Measurement of temperature is especially important control step during the food manufacturing process. Different temperature sensor to match applications can be used for all four channels, to maintain the optimum temperature through quick and accurate measurements, allowing stable quality and productivity to be achieved. Furthermore, data can be retrieved easily and quickly from the office computer without going to the site to retrieve the SD memory card. Read more.

# **Upcoming Activities**

We welcome you to visit us at the upcoming exhibition to find out more on our products.



24th to 27th May, 2017 Putra World Trade Centre, Kuala Lumpur, Malaysia



1th to 13th July, 2017 Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia

### **Past Activities**

Check out the activities we have participated and how we have showcased our products and solutions for your needs.



## Mitsubishi Electric FA Solutions and CLPA seminar 2017

17 Jan 2017 - Kuala Lumpur, Malaysia 19 Jan 2017 - Johor Bahru, Malaysia

# **Useful Tools**



FAe-learning



### **Digital Catalog**



### Save the Hassle, Use Our Force-sense Application

Mtsubishi Electric develops software for the ease of implementation to achieve the automation of force-sense operations such as assembly, insertion and inspection. Users now need not create force-sense programs, reduced start-up time of force-sense operations since the settings and operations can be easily configured with dedicated tools. Read more.



# Take a Step Towards e-F@actory - Improving Productivity and Quality

iQ Monozukuri is a solution that concentrates know-hows for improving the productivity and quality and ideas for achieving easy system construction, in each process, application and device level to lay the foundation for the introduction of e-f@ctory. Read more.



### Production Discontinuation of SSCNET and SSCNET III Compatible Q Series Motion Controllers and MELSEC-Q Series Positioning Modules

The Q series Motion controllers and MELSEC-Q series positioning modules, which are compatible with SSCNET and SSCNET III will be discontinued. <u>Read more.</u>

### **Contact Us**

For enquiries, please click <u>here</u> or email us at <u>id@asia.meap.com</u>

### Mitsubishi Electric News

# Mitsubishi Electric Named to CDP's Supplier Climate and Water A Lists

Mtsubishi Electric had been named to the separate CDP Climate 2016 AList and CDP Water 2016 AList in recognition of the company's outstanding efforts to mitigate climate change and to protect water resources, respectively. Read more.

#### Asian Manufacturing Awards 2016



Mtsubishi Electric is proud to receive the Asian Manufacturing Awards 2016 for the category of Best Programmable Control Systems Provider. The iQ-R PLC has been developed from the ground up to solve common problems in several key areas: productivity, engineering, maintenance, quantity, connectivity security, and compatibility. Taking a three point approach to solving these problems: reducing TCO, increasing Reliability and Reuse of existing assets.

# **Product & Solution Videos**



# MELFA Robot with Force Sensor Showcasing applications that could be achieved by combining our MELFA Robot with Force Sensor, for example using it for "Axis/Bearing fitting", "Fitting", "Profiling control" and "Force control". Setting is easy with our

build in dedicated tool.



## MELSEC IQ-R Process CPU/Redundant System

The MELSEC iQ-R Series enables a process control system through its range of CPU modules (up to 1200K steps) integrating advanced PID and general control into one module providing excellent system scalability (from small to large) for a best-fit solution. When paired with a redundant function module, it realizes a redundant control system ideal for applications that require highly reliable control.



# Tutorial – Know the Basics of MELSEC iQ-R Series Programmable Controllers

New to MELSEC iQ-R Series
Programmable Controllers? Fret
not. There are 13 videos from
system configuration, installation,
wiring ladder logic programming,
writing to PLC and Debug/
Maintenance tutorials. These
videos are very helpful to first time
users of iQ-R Series
programmable controllers as you
can go through these videos and
learn how to setup and configure
the PLC via the engineering

software tool, GX Works3.