

Dear Customer,

Automation Digest Issue #16 - Jan 2007

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Greetings to all as we venture into the New Year! We would like to thank you for all your support for our past 15 issues. From January 2007, we are making changes to our enewsletter distribution frequency; we would be sending you the updates and highlights on a monthly basis instead of bi-weekly as part of our alignment exercise. We are definitely looking forward to serve you better in the New Year! In the first issue of 2007, we have highlights on the FZ series vision sensor & Smartstep servo motor, SENA wireless PLC programming and monitoring via Bluetooth.

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Announcement

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We are pleased to announce that, Precicon D&C Pte Ltd has been appointed the authorized distributor for SENA Technologies, Inc, for its Bluetooth range of products, with effect from Nov 2006.

SENA Technologies is a leading manufacturer of Device Server product line that includes external, embedded, wireless and industrial device servers; and industrial Bluetooth product line that includes Bluetooth serial adapters, Bluetooth serial modules and Bluetooth IP gateways for device networking solution in the areas of IT/Telco, retail/POS, industrial automation, building automation, and medical automation.

For more information on SENA and its products, click here =>

[www.sena.com](http://www.sena.com)

Brief content of this issue:

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- 1) Bluetooth enabling product  
(Enable your PLC with wireless programming capability using Bluetooth)
- 2) Omron FZ series Vision Sensor
- 3) Omron's Servo System - SmartStep Servo Motor and Drive

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\* Wireless PLC programming and monitoring via Bluetooth interface

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Introducing the new SENA Parani-SD100 Bluetooth-Serial Adapter which enables all RS232C based serial devices to communicate wirelessly up to 100m using Class 1 Bluetooth providing a secure and reliable connection.

Basic Features:

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- Support direct RS232C serial cable replacement to Bluetooth for any brand of PLC
- Support Bluetooth stack 1.2 - improved AFH (Adaptive Frequency Hopping)
- Easy pairing and setup for seamless connection
- Working distance: 100m (Class 1 Bluetooth)
- Singapore IDA approved communication product

Applications:

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- Wireless programming of PLC with the freedom to move closer to the application for easy visualization
- Remote monitoring of PLC and other serial devices at locations which are difficult or impossible to lay communication cables
- Wireless communication between PLC and HMI Touch Screen or any other serial devices
- Replace "noisy" communication cable

Click the below links to find out more about SENA Bluetooth-Serial Adapter and its promotion:

Bluetooth Serial Adapter:

[http://www.precicon.com.sg/product/Sena/Bluetooth-Serial\\_Adapter\\_Parani-SD\\_Datasheet.pdf](http://www.precicon.com.sg/product/Sena/Bluetooth-Serial_Adapter_Parani-SD_Datasheet.pdf)

Promotion:

[http://www.precicon.com.sg/product/Sena/Introductory\\_Offer\\_Package.pdf](http://www.precicon.com.sg/product/Sena/Introductory_Offer_Package.pdf)

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\*Omron FZ series Vision Sensor

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Looking for a vision system that has the capability to see what a human can see? Do you want a vision system that is easy to setup and manage without hours and developing and programming?

Omron latest Vision system FZ series

- Able to detect 16.77 million colors (Real color), enable to detect color quality, defects and variation of a products!
- 65,536 times better than processing technology of the common monochrome vision!
- Optical Zoom lens that allow Auto Focus and Zoom to inspect different sizes with a single camera!
- Optional Touchscreen GUI with meaning Icons for easy settings!
- Ready made programs for common applications for various industries such as connector, semiconductor, packaging, electronic.... and many others!

Please contact us to have a better picture of the industrial's latest vision system!

Click here to find out more on the Vision sensors please click here->

[http://www.omron-ap.com/product\\_info/FZ/index.asp](http://www.omron-ap.com/product_info/FZ/index.asp)

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\*Omron's Servo System - SmartStep Servo Motor and Drive

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The Smartstep servo is a Quick, High-Torque, High-Precision Servo control solution. Plus, an operating environment that ensures fast and easy setup as follows.

Basic Features:

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- Easy connection with single cable or control cable, and special decelerators are also available.
- Gain Adjustment setting, which consists of 16 present combinations which able to meet most applications.
- Easy operation as Omron PLCs and PTs combine to make monitoring and debugging
- Easy settings from the front panel switches make settings easy, eliminating the need for time consuming parameter settings when adjustment is required.
- Revolution setting, from 500 pulses per revolution to 10000 revolutions per pulse.
- Easy performance, as Smartstep prevents out of step operation, making high-speed, high torque, high precision positioning easier than ever.
- International Standards - conforms to CE, UL, cUL and other standards for international use.

SmartStep's Additional features if used with Omron PLC and Touchscreen

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- Ready-made Function Blocks available in the Omron's PLC Program, CX Programmer for SmartStep
- Reduce time used on drawing, designing and tagging Human Machine Interface (HMI) when you can have a pre-made faceplate and Graphical interface control in OMRON latest Version 2 NS Touchscreen to control your servo.

Give us a call or drop us an email to find out how we can size up your servo-system and more.

Click here for more information on the smartstep servo motors; ->  
[http://www.omron-ap.com/product\\_info/SMARTSTEP/index.asp](http://www.omron-ap.com/product_info/SMARTSTEP/index.asp)

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\* To subscribe / unsubscribe

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Hope you have enjoyed the newsletter and the information is useful to you. If you think this information would benefit any of your colleagues, please feel free to forward to them.

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To unsubscribe, send a blank email to [unsubscribe@precicon.com.sg](mailto:unsubscribe@precicon.com.sg)

Lastly, thanks for your time once again and we look forward to provide you with more updates in our next issue.

Best regards,  
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