

Editorial contact info
 Don Dingee: ddingee@opensystemsmedia.com
 Jennifer Hesse: jhesse@opensystemsmedia.com

www.industrial-embedded.com
www.opensystemsmedia.com

| Editorial | | Ads | Editorial Features | | | | |
|---|--------------------|--------------------|--|--|---|--|--|
| Volume 6 | Abstracts | Close | HOT TOPIC FEATURE | TECHNOLOGY FOCUS | APPLICATIONS FOCUS | PROMOTIONS | |
| ISSUE | Articles | Materials | Staff-written and contributed material | Contributed material | Contributed material | E-CASTS WHITE PAPERS TRADE SHOWS | |
| January Issue 1 E-letter | 17Dec09 5Jan10 | 5Jan10 18Jan10 | Motion Control | Motion control software and algorithms Motion controller boards DSCs and FPGAs for motion | Robotics, Mechatronics Graphical system design | White paper: Motion Control E-cast: Motion Control | |
| March Issue 2 E-letter | 18Feb 3Mar10 | 3Mar10 16Mar10 | Smart Grid | Sensors for the grid Monitoring computers Wireless and powerline networks | Utility metering Demand management software | White paper: Smart Grid Technology E-cast: Smart Grid Technology | |
| April Issue 3 Print | 3Feb10 | 16Feb10 | Annual Industrial Embedded Systems Resource Guide | | | | Executive Speakout: Digital Signage E-cast: Digital Signage ❖ ESC Silicon Valley |
| | 16Feb10 | 25Feb10 | Digital Signage | Computing • HMI • Networking • Sensors/control • Storage Panel PCs • Handheld computers • DIN rail mount computers and I/O • Windows Embedded, embedded Linux, and RTOS • App dev tools • Rugged LCD displays and touch panels • Motor control • Industrial power supplies • Single board computers • Rugged systems • Fieldbus networking • Device servers • Industrial Ethernet • Power over Ethernet • SCADA • OPC • MEMS sensors • Solid-state drives • Hard disks • Compact Flash, SD card, and other industrial flash formats • and more | | | |
| May Issue 4 E-letter | 19Apr10 30Apr10 | 30Apr10 13May10 | Microcontrollers | 8-, 16-, or 32-bit MCUs Reference designs Development kits | Ultra-low power applications Energy harvesting | White paper: Ultra-low-power MCUs E-cast: Ultra-low-power MCUs | |
| June Issue 5 Digital | 26Apr10 7May10 | 7May10 28May10 | Data Acquisition | A/D boards and modules USB data loggers Signal processing software | Portable data acquisition systems in the field Reconfigurable data acquisition systems | Executive Speakout: Data acquisition Data Acquisition Vendor Directory E-cast: Data Acquisition ❖ ATX East | |
| July Issue 6 E-letter | 18Jun10 1Jul10 | 1Jul10 15Jul10 | Vision Systems | Frame grabbers GigE cameras Image processing software | High-speed inspection Recognition systems | White paper: Frame grabbers E-cast: Vision Systems | |
| September Issue 7 E-letter | 20Aug10 2Sep10 | 25Sep10 16Sep10 | RFID | Active, BAP, passive tags Embedded readers Edge controller systems and software | Asset protection with RFID Secure RFID | White paper: RFID | |
| October Issue 8 Digital | 20Aug10 2Sep10 | 25Sep10 24Sep10 | Industrial Wireless Networks | ZigBee, 802.15.4, Wi-Fi 802.11, 6LoPAN, Bluetooth, Wireless USB, WiMAX, 900 MHz, WirelessHART, ISA100, and more wireless | The most wireless nodes wins Wireless-to-wired gateways | Executive Speakout: Industrial Wireless Wireless Vendor Directory ❖ ISA Expo | |
| November Issue 9 E-letter | 19Oct10 1Nov10 | 1Nov10 12Nov10 | Safety and Security | Certified-safe RTOS IEC 61508 Cyber-risk protection of facilities | Protecting remote equipment Deploying a safe, secure system | White paper: Safety RTOS E-cast: Safety RTOS | |

Columns: Foreword Thinking • Editor's Choice • Embedded Now

New Products: Be sure to enter your new products into our product database at submit.opensystemsmedia.com to be considered for inclusion in any New Products section. These products are also included in our social media networks, including Twitter (@industrial_mag) and our Industrial Embedded Systems LinkedIn group.

Editor's Choice Products: To be considered for Editor's Choice, enter your product news releases at submit.opensystemsmedia.com in addition to sending to an OpenSystems Media editor.

Contributed articles: Accepting contributed articles for each issue. Contact Don Dingee at ddingee@opensystemsmedia.com. Themes are the main focus, but unsolicited material with industrial context can be considered for any issue. Contact to discuss ideas – we will work to shape a story to our audience.

E-casts: Any feature topics will be considered for E-casts throughout the year. See our E-cast calendar at ecast.opensystemsmedia.com for more details on upcoming events.

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Due to ongoing developments in the embedded electronics industry, topics on this calendar are subject to change without notice.

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