Control Engineering 2010 Engineers' Choice Awards: Winning Technologies

Awards and categories explained: Control Engineering 2010 Engineers’ Choice Awards highlight some of the best new control, instrumentation and automation products introduced in 2009 as chosen by Control Engineering’s print and online subscribers. Survey respondents were asked to select products based on technological advancement, service to the industry, and market impact.

The Control Engineering 2010 Engineers’ Choice Awards highlight some of the best new control, instrumentation and automation products introduced in 2009 as chosen by you, Control Engineering’s print and online subscribers. Respondents were asked to choose products they felt were the most exceptional based on the following criteria: technological advancement, service to the industry, and market impact.

For this 23rd year of Control Engineering’s showcase of automation product excellence, we put out a call for product nominations in November 2009. Eligible products were those introduced and available for purchase in North America during 2009. Nominees were assembled into four ballots encompassing 29 subcategories. In all, more than 90 new products were nominated.

Control Engineering subscribers, all of whom are responsible for or influence technology purchases, or have hands-on day-to-day interaction with the technologies in each category, were directed to an online ballot which included a brief description of each product. Voting results have been tallied and the winning solutions are featured here. (Reader response was excellent, generating more than 650 completed ballots from Dec. 28 until Jan. 4.)

We would like to extend our sincere appreciation to all vendors who nominated products and subscribers who voted. Join us in congratulating the winners of the 2010 Engineers' Choice Awards and let them know you learned about their innovations in Control Engineering. Their contributions ensure that manufacturers, machine builders and automation system integrators can achieve the levels of agility, efficiency, and effectiveness necessary to compete—and win—in today’s global economy. Winners will be honored in a ceremony, part of the 2010 Manufacturing/Automation Summit, March 28-30, in Chicago (http://tinyurl.com/yz6czph).

Note: Date sequence of the awards was changed this year so the award year reflects the year in which the awards were announced, rather than the year the products were introduced (as has been the practice in the past). So, there are no “2009” award recipients.

Winners of the Control Engineering Engineers’ Choice Awards for 2010 are in the following categories (click into each to see winners):

- Process Control - Flowmeters; instrumentation and actuators; power monitoring; power protection; process sensors and transmitters; control systems, analysis, and process control; and process safety;
- Discrete Control - Machine safety, machine vision, PACs, and PLCs;
- Motion Control - Drives, motion control, and motors;
- Software - Application software; connectivity software; dashboard software - energy; dashboard software-general; design, simulation, diagnostics; and HMI software;
- Hardware - HMI hardware, industrial PCs, and integrated HMI-controller; and
- Network Integration - Data integration appliance, Ethernet hardware, I/O systems - wireless, network hardware, wireless I/O controllers, and wireless products - general.

Control Engineering 2010 Engineers Choice Awards Honorable Mentions.

For links to prior years’ winners, visit www.controleng.com/awards.