CONTROL ENGINEERING ®

Progressive Innovations

15th Annual
Editors' Choice Awards

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1994 EDITORS' CHOICE A...

CONTROL ENGINEERING

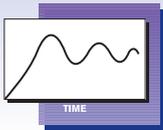CONTROL ENGINEERING

2001
EDITORS' CHOICE
AWARD

CONTROL ENGINEERING
Editors'
Choice
Award

Progressive Innovations

15th Annual

Editors' Choice Awards

Jim Montague
and *CONTROL ENGINEERING* staff

The 35 winners of Control Engineering's 15th annual Editors' Choice Awards showed once again in 2001 that control and automation's creators will likely never run out of useful ideas and solutions.

Everything that can be invented has been invented. Yeah, right. After 15 years, it may briefly seem like this statement—erroneously attributed to a U.S. patent commissioner in 1899—has some validity. However, this misquote is probably only appealing because it gives people a chance to catch their breath—just before they're again swept up by the inspiration of the inventors among them.

Control Engineering's editors know this sensation too, experiencing it often as they selected the 35 best products of 2001 to be awarded the publication's 15th annual Editors' Choice Awards.

"Despite all the events and pressures of the past year, competition for 2001's awards was still as heated as usual because so many innovative products were released," says Mark T. Hoske, editor-in-chief, *Control Engineering* and *Control Engineering Online*. "*Control Engineering*'s editors began by examining thousands of products featured in our print and electronic editions during 2001; nominated 175 candidates; deliberated extensively on the merits of each; and subsequently narrowed the list to the final 35 winners."

All contestants were judged on technological advancement, service to the industry, and impact on the control market. To be eligible for consideration, products had to be featured in *Control Engineering* or at the magazine's *Control Engineering* Online web site at www.controleng.com.

Winners in the magazine's nine editorial coverage areas were selected. These areas include: process and advanced control; instrumentation and process sensors; software and information integration; machine control and discrete sensors; human-machine interface; motors, drives and motion control; embedded control; networks and communications; and control components.
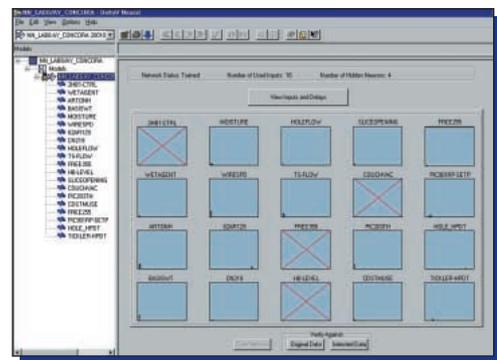
Frank Bartos, Dave Harrold, Mark Hoske, Dick Johnson, Jeanine Katzel, Gary Mintchell and Vance VanDoren also contributed to this article.

Neural network tools aid development, deployment

Austin, Tex.—Emerson Process Management's (Austin, Tex.) DeltaV Neural makes developing and deploying artificial neural network solutions easier. DeltaV Neural data collection is automatic, and begins when a user defines a neural network block; assigns up to 30 related input variables from anywhere in the system; assigns a manual laboratory or online analyzer data collector; and downloads everything into the controller.

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