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## **Opto 22 to Sponsor Machine Vision Show** **Advanced Control Solutions, Cognex/DVT, RCK Controls, and others Showcase** **Machine Vision Technology at Georgia Aquarium**

Temecula, CA – January 31, 2006 – Opto 22, a developer and manufacturer of hardware and software for industrial automation, remote monitoring, data acquisition, and machine-to-machine (M2M) applications, along with business partners, Advanced Control Solutions, RCK Controls and Cognex/DVT, is sponsoring a Machine Vision Show at the newly opened Georgia Aquarium in Atlanta, February 21st, from 5:00 p.m. to 10:00 p.m.

The "Machine Vision Show at the Georgia Aquarium" will present the latest technologies related to machine vision, X-ray systems, lens technologies, and 2D reader technology. Products and solutions will be featured from business partners Cognex/DVT, a leading supplier of machine vision systems, and RCK Controls, experts in the development of process control and management systems and the show's host, Advanced Control Solutions ([www.acs-ga.com](http://www.acs-ga.com)), will be on hand to discuss integration and other service needs.

Machine vision combines computer science, optics, mechanical engineering, and industrial automation to enable computers to "see". One of the most common applications of machine vision is in the manufacturing and inspection of semiconductor chips, automobiles, food, pharmaceuticals, and other consumer products. Similar to the way human workers on an assembly line visually inspect parts to judge quality and identify defects, machine vision systems use specialized digital cameras and image processing software for the same purpose. The information gathered from machine vision systems is typically presented to a human operator for assessment or fed into an automation or process control system.

The "Machine Vision Show at the Georgia Aquarium" will also feature products and solutions from Opto 22. The company will showcase its SNAP PAC family of programmable automation controllers—high-performance, multi-domain, Ethernet-based controllers suitable for a variety of industrial automation and process control applications, including interfacing with machine vision systems.

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"This show will undoubtedly be a very educational and fun event that will give attendees an in-depth look at current and future machine vision technology and insight into where that industry is headed," states Benson Houglund, Opto 22 Vice President of Marketing.

As part of this event, there will be complimentary passes to the aquarium and catered cuisine by world-renowned chef Wolfgang Puck. For more information or to register, go to [www.acs-ga.com/main/acs\\_promotions.htm](http://www.acs-ga.com/main/acs_promotions.htm).

## **About Opto 22**

Opto 22 develops and manufactures hardware and software products for applications in industrial automation, remote monitoring, and data acquisition. Using standard, commercially available Internet, networking, and computer technologies, Opto 22's input/output and control systems allow customers to monitor, control, and acquire data from all of the mechanical, electrical, and electronic assets that are key to their business operations. Opto 22's products and services support automation end users, OEMs, and information technology and operations personnel. Founded in 1974 and with over 85 million Opto 22-connected devices deployed worldwide, the company has an established reputation for innovation, quality, and reliability.

Opto 22 products are sold through a worldwide network of distributors, partners, and system integrators. For more information, contact Opto 22 headquarters at 800-321-OPTO or visit the website at [www.opto22.com](http://www.opto22.com).

## **About Advanced Control Solutions**

Advanced Control Solutions ([www.acs-ga.com](http://www.acs-ga.com)), one of the southeast's leading automation services companies. ACS designs and implements its solutions using hardware products like Cognex/DVT vision systems, Opto 22 I/O, Cutler-Hammer motor controls and Hoffman enclosures. ACS also offers value-added services, including product training, free hands-on workshops, and engineering support. ACS is a long-time Opto 22 authorized distributor and integrator.

## **About Cognex/DVT**

Cognex ([www.cognex.com](http://www.cognex.com)) is a top supplier of machine vision systems used to gauge, guide, inspect, count, and identify products on manufacturing production lines. Since the company's founding in 1981, Cognex has shipped more than 275,000 vision products, representing over \$1.7 billion in revenue. Cognex also offers application consulting and support services. In May of 2005, the company acquired Duluth, Georgia-based DVT (a maker of low-cost vision sensors), thereby greatly enhancing its offerings and further cementing Cognex's position as one of the world's premier machine vision system providers.

## **About RCK Controls**

RCK Controls, Inc. ([www.rckcontrols.com](http://www.rckcontrols.com)) specializes in the development of process control and management systems. This includes the design, development, construction, operation, and management of cogeneration projects and energy and environmental resource management solutions for zoos, fish hatcheries, aquariums and specialty parks. RCK Controls also develops major life support systems for marine animals. The company integrates Opto 22 hardware with process control and data management software for applications related to water flow and water quality control. RCK/Opto 22 projects have been completed at Sea World of California's Journey to Atlantis, Sea World of Florida's Discovery Cove, NASA's Neutral Buoyancy Laboratory and the Mirage Hotel's Dolphin Habitat.

## **About The Georgia Aquarium**

The Georgia Aquarium ([www.georgiaaquarium.org](http://www.georgiaaquarium.org)) is the world's largest aquarium. It is located in downtown Atlanta and features more than 100,000 fish (representing approximately 500 species) and other sea creatures. The aquarium opened in November of 2005 and was primarily funded by Home Depot founder Bernie Marcus.