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**CIELO HOME MANAGEMENT SYSTEM OFFERS A ‘NO PROGRAMMING’  
SOLUTION FOR HOME AUTOMATION**

**(CasaWorks, Albuquerque, New Mexico)**— CasaWorks, Inc., will be showcasing the Cielo™ Home Management System at the September 2004 CEDIA EXPO at the Indianapolis Convention Center, Second Level, in booth #2093.

Cielo is a new hardware and software-based solution that facilitates seamless integration and the ability to easily customize the home’s systems to suit the lifestyle of the homeowner, without the complicated programming or installation issues and expense associated with products currently available in the home automation market.

“After several years installing and working with custom proprietary home automation systems, we were convinced that there was a need for a next-generation technology that would provide the same rich feature set but at a lower cost, bringing total home management to more homeowners,” said Michael Arendall, President and CEO of CasaWorks. “From the integrator/installer’s point of view there is an opportunity for us to make huge improvements in cost vs. capabilities of a home management system, allowing integrators to break into the emerging market of mid-tier priced homes. I believe we have achieved that with the Cielo Home Management System.”

Cielo, pronounced “cee-ell-o,” is the Spanish word for “sky,” and with the Cielo Home Management System, the sky is the limit. It allows homeowners to control their household electronics, including lighting, climate, security, and entertainment systems.

A significant portion of the cost and complexity in offering a total home management solution is the programming. Custom software is usually written for each project even though there may be similarities between jobs but a lot of code is just not reusable. We were convinced that we could provide absolute reuse of software modules and take away the time consuming task of having to learn new command protocols for components and then implementing the hardware specific programming to implement the automation solution for the customer. By developing innovative software technology along with a simple configuration tool that provides real-time editing of a live system we have made installing Cielo truly interactive and ‘plug and play’. We do this by creating what in Cielo is called a component controller for each piece of manufacturer’s hardware. The capability of each controller exposes the actions that each component can perform in the system. The integrator simply configures these actions in scenes and by specifying the

preferences of the homeowner and can create a truly custom experience all without programming.

Cielo seamlessly integrates with other products on any IP network using TCP/IP, HTTP, UPnP, and WiFi. It also supports Z-Wave™, Bluetooth® wireless, S-Link™, X10, RS-232, RS-422, and RS-485 networks. Cielo functions with several computer and remote control interfaces, including RF-programmable remotes, Pocket PC PDA's, Tablets, and soon to be available Cielo touch panels.

Cielo comes with out-of-the-box user interfaces that can be easily customized by installers, requiring little or no programming. All user interfaces are implemented using standard Macromedia Flash, and then linked to the home's components, scenes, and schedules. The Cielo Home Management System includes selections for most typical home automation tasks. Standard configurations include pre-installed modules for home control including; integrated security, climate control, and lighting. Other configurations include modules for home theater and whole house distributed audio/video. Custom modules can be provided at additional cost to meet the requirements of the customer. The software facilitates network transparency and provides auto-discovery of system components, allowing seamless updates from a laptop computer or over the Internet. Built for reliability using an embedded computer, Cielo is designed for extended hours of operation without service.

### **About CasaWorks**

CasaWorks is an embedded hardware and software innovator and is developing technologies necessary to implement automation in mainstream homes. Using state-of-the-art software technology and tools, the company is creating innovative products that are easy to install and economical to own. With more than 15 years of experience working with software and hardware automation systems in commercial applications, CasaWorks is now focused on the growing residential market. For more information, see the CasaWorks Web site at <http://www.casaworks.com>.

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