

## **GeckoSystems to Discuss How Their Mobile Robot Solutions Lower Healthcare Costs at Conference**

CONYERS, GA, Feb. 23, 2010 -- GeckoSystems Intl. Corp. (Pink Sheets: GCKO | <http://www.geckosystems.com/>) -- announced today that the seven days a week, twenty-four hours a day usage dramatically reduces the time for financial payback for its mobile robot solutions such as the CareBot(tm). GeckoSystems is a dynamic leader in the emerging mobile robotics industry revolutionizing their development and usage with "Mobile Robot Solutions for Safety, Security and Service(tm)."

"Since we began our world's first in home evaluation trials for eldercare capable personal robots late last fall, we have received many inquiries as to 'how are they going?' Very well and better than expected in some significant ways, so all of us here at GeckoSystems are excited about this upcoming "Mobile Robots in Motion" stakeholder conference to publicly demonstrate our state of the art mobile robots, their technologies and our first product, a personal companion robot, the CareBot," commented Martin Spencer, President/CEO, GeckoSystems.

This "Mobile Robots in Motion" conference will be held at GeckoSystems' new 4,000 square feet R&D and manufacturing facility in the Honey Creek area of Rockdale County, just south of Conyers, Ga. Attendees will witness not only their flagship product, but also the proprietary automatic self-navigation software, GeckoNav(tm), and the reality that they have a complete multitasking personal companion robot, the CareBot(tm), with verbal interaction and 'command and control' capabilities arising from GeckoChat(tm), and the ability to routinely follow a designated family member with GeckoTrak(tm). This personal companion robot, the CareBot, has been in limited evaluation trials for over two months now.

Home environments' cost benefit analysis is complex and hence difficult to quantify, so perhaps doing the breakeven analysis for a nursing home or assisted care facility would be insightful. Let's assume, for the sake of this illustration, that the CareBot only checks blood pressure and heart rate for the designated care receivers for 7 days a week, 16 hours per day, or 448 hours per month, automatically with only intermittent direct human management.

A fully burdened cost of ten dollars (\$10.00) an hour would be slightly over thirty-eight percent (38%) minimum wage pay. This infers a total minimum cost for a cost benefit of \$4,480.00 per month for 448 hours of utility. So if the CareBotPro(tm), a larger and more robust version of the CareBot, sold for as much as \$42,500, the "payback" could be as quick as ten months. Electricity for recharging would be a few dollars a month and maintenance needs would be only three to four hours per month for the first two to three years depending on how much physical distance the mobile robot has traveled.

"The foregoing cost/benefit analysis is why we believe that the incorporation of an onboard blood pressure/pulse rate monitoring system and other home medical devices for our CareBots will further enhance their cost effective, utilitarian capabilities," stated Spencer.

"Our CareBot's ability to verbally remind a designated care receiver at predetermined dates and times that their blood pressure/pulse rate needs to be checked by this onboard, integrated robotic sensor system will enable a higher level of safety, security and cost savings for those at home, nursing homes, assisted care facilities, hospitals, etc. Since our CareBots can also run unattended errands and/or automatically follow a designated care receiver, the cost savings to the care giver person or organization should be much greater for enhanced value to our customers and increased ROI for our investors," opined Spencer.

The CareBot is a multitasking personal robot incorporating advanced, proprietary AI software engines such as GeckoNav(tm), GeckoChat(tm), GeckoTrak(tm), and GeckoScheduler(tm). These disparate AI engines work in parallel and/or serially continuously. Given the CareBot's WiFi network connectivity and easy Internet and LAN accessibility, reporting of various healthcare criteria outside of normal, can be quickly sent by telephone, instant or text messaging, and/or email.

"One of the many reasons we had our conference last fall, and perhaps several for this year, is that 'the proof of the pudding is in the eating.' In other words, very few people have ever seen a personal companion robot in action and consequently do not understand how difficult our many inventions are to achieve. However, live demonstrations give our suite of enabling, proprietary technologies credence and value. We have several large markets before us due to our 'first mover' advantage in them. We are hopeful that some of the firms with which we are having licensing discussions regarding usage of some our technologies will also be in attendance," concluded Spencer.

Journalists are encouraged to contact Mr. Spencer regarding the progress of GeckoSystems' in home evaluation trials and potential attendance at their upcoming invitation only "Mobile Robots in Motion" conference. Journalists and other interested parties may submit their request for an invitation at their website or call 678-413-9236.

#### **About GeckoSystems International Corporation:**

Since 1997, GeckoSystems has developed a comprehensive, coherent, and sufficient suite of hardware and software inventions to enable a new type of home appliance (a personal robot) the CareBot, to be created for the mass consumer marketplace. The suite of primary inventions includes: GeckoNav, GeckoChat and GeckoTrak.

The primary market for this product is the family for use in eldercare, care for the chronically ill, and childcare. The primary distribution channel for this new home appliance is the thousands of independent personal computer retailers in the U.S. The manufacturing infrastructure for this new product category of mobile service robots is essentially the same as the personal computer industry. Several outside contract manufacturers have been identified and qualified their ability to produce up to 1,000 CareBots per month within four to six months.

The Company is market driven. At the time of founding, nearly 12 years ago, the Company did extensive primary market research to determine the demographic profile of the early adopters of the then proposed product line. Subsequent to, and based on that original market research, they have assembled numerous focus groups to evaluate the fit of the CareBot personal robot into the participant's lives and their expected usage. The Company has also frequently employed the Delphi market research methodology by contacting senior executives, practitioners, and researchers knowledgeable in the area of elder care. Using this factual basis of internally performed primary and secondary market research, and third party research is the factual basis for the Company's sales forecasts.

"We project the available market size in dollars for cost effective, utilitarian, multitasking eldercare personal robots in 2011 to be \$74.0B, in 2012 to be \$77B, in 2013 to be \$80B, in 2014 to be \$83.3B, and in 2015 to be \$86.6B. With market penetrations of 0.03% in 2011, 0.06% in 2012, 0.22% in 2013, 0.53% in 2014, and 0.81% in 2015, we will anticipate CareBot sales, from this consumer market segment, only, of \$22.0M, \$44.0M, \$176M, \$440.2M, and \$704.3M, respectively. We expect these sales despite --and perhaps because of-- the present recession due to pent up demand for significant cost reduction in eldercare expenses," opined Spencer.

The Company's "mobile robot solutions for safety, security and service(tm)" are appropriate not only for

the consumer, but also professional healthcare, commercial security and defense markets. Professional healthcare require cost effective, timely errand running, portable telemedicine, etc. Homeland Security requires cost effective mobile robots to patrol and monitor public venues for weapons and WMD detection. Military users desire the elimination of the "man in the loop" to enable unmanned ground and air vehicles to not require constant human control and/or intervention.

The Company's business model is very much like that of an automobile manufacturer. Due to the final assembly, test, and shipping being done based on geographic and logistic realities; strategic business-to-business relationships can range from private labeling to joint manufacturing and distribution to licensing only.

Several dozen patent opportunities exist for the Company due to the many innovative and cost effective breakthroughs embodied not only in GeckoNav, GeckoChat, and GeckoTrak, but also in additional, secondary systems that include: GeckoOrient(tm), GeckoMotorController(tm), the GeckoTactileShroud(tm), the CompoundedSensorArray(tm), and the GeckoSPIO(tm).

The present senior management at GeckoSystems has over thirty-five years experience in consumer electronics sales and marketing and product development. Senior managers have been identified for the areas of manufacturing, marketing, sales, and finance.

While GeckoSystems has been in the Development Stage, the Company has accumulated R&D expenses to date in excess of six million dollars (\$6,000,000). In contrast, the Japanese government has spent one hundred million dollars (\$100,000,000) in grants (to Sanyo, Toshiba, Hitachi, Fujitsu, NEC, etc.) over the same time period to develop personal robots for their own eldercare crisis, yet no viable solutions have been developed by them.

By the end of this year, the Company plans to complete productization of its CareBot offering with the introduction of its fourth generation personal robot, the CareBot 4.0 MSR. The Company expects to be the first personal robot developer and manufacturer in the world to begin in home eldercare evaluation trials.

### **What Does a CareBot Do for the Care Giver?**

The short answer is that it decreases the difficulty and stress for the caregiver that needs to watch over Grandma, Mom, or other family members most, if not much, of the time day in and day out due to concerns about their well being, safety, and security.

But, first let's look at some other labor saving, *automatic* home appliances most of us use routinely. For example, needing to do two or more necessary chores and/or activities at the same time, like laundering clothes and preparing supper.

The *automatic* washing machine needs no human intervention after the dirty clothes are placed in the washer, the laundry powder poured in, and the desired wash cycle set. Then, this labor saving appliance runs *automatically* until the washed clothes are ready to be placed in another labor saving home appliance, the *automatic* clothes dryer. While the clothes are being washed and/or dried, the caregiver prepares supper using several time saving home appliances like the microwave oven, "crock" pot, blender, and conventional stove, with possible convection oven capabilities.

After supper, the dirty pots, pans, and dishes are placed in the *automatic* dishwasher to be washed and dried while the family retires to the den to watch TV, and/or the kids to do homework. Later, perhaps after the kids have gone to bed, the caregiver may then have the time to fold, sort, and put up the now freshly laundered clothes.

So what does a CareBot do for the caregiver? It is a new type of labor saving, time management *automatic* home appliance.

For example, the caregiver frequently feels time stress when they need to go shopping for 2 or 3 hours, and are uncomfortable when they have to be away for more than an hour or so. Time stress is much worse for the caregiver with a frail elderly parent that must be reminded to take medications at certain times of the day. How can the caregiver be away for 3-4 hours when Grandma must take her prescribed medication every 2 or 3 hours? If the caregiver is trapped in traffic for an hour or two beyond the 2 or 3 they expected to be gone, this “time stress” can be very difficult for the caregiver to moderate. Not infrequently, the primary caregiver has a 24 hour, 7 days a week responsibility. After weeks and weeks of this sometimes tedious, if not onerous routine, how does the caregiver get a “day off?” To bring in an outsider is expensive (easily \$75-125 per day for just 8 hours) and there is the concern that medication will be missed or the care receiver have an accident requiring immediate assistance by the caregiver, or someone they must designate. And the care receiver may be very resistant to a “stranger” coming in to her home and “running things.”

So what is it worth for a care receiver to have an *automatic* system to help take care of Grandma? Just 3 or 4 days a month “off” on a daylong shopping trip, a visit with friends, or just take in a movie would cost \$225-500 per month. And that scenario assumes that Grandma is willing to be taken care of by a “stranger” during those needed and appropriate days off.

So perhaps, an *automatic* caregiver, a CareBot, might be pretty handy, and potentially very cost effective from the primary caregiver’s perspective.

### **What Does a CareBot Do for the Care Receiver?**

It’s a new kind of companion that always stays close to them enabling family and friends to care for them from afar. It tells them jokes, retells family anecdotes, reminds them to take medication, reminds them that family is coming over soon (or not at all), recites Bible verses, plays favorite songs and/or other music. It alerts them when unexpected visitors, or intruders are present. It notifies designated caregivers when a potentially harmful event has occurred, such as a fall, fire in the home, or simply been not found by the CareBot for too long. It responds to calls for help and notifies those that the caregiver determined should be immediately notified when any predetermined adverse event occurs.

The family can customize the personality of the CareBot. The voice’s cadence can be fast or slow. The intonation can be breathy, or abrupt. The voice’s volume can range from very loud to very soft. The response phrases from the CareBot for recognized words and phrases can be colloquial and/or unique to the family’s own heritage. The personality can range from brassy to timid depending on how the caregiver, and others appropriate, chooses it to be.

Generally, the care receiver is pleased at the prospect of family being able to drop in for a “virtual visit” using the onboard webcam and video monitor for at home “video conferencing.” The care receiver may feel much more needed and appreciated when their far flung family and friends can “look in” on them any where in the world where they can get broadband internet access and simply chat for a bit.

Why is Grandma really interested in a CareBot? She wants to stay in her home, or her family’s home, as long as she possibly can. What’s that worth? Priceless. Or, an average nursing home is \$5,000 per month for an environment that is too often the beginning of a spiral downward in the care receiver’s health. That’s probably \$2-3K more per month for them to be placed where they really don’t want to be.

Financial payback on a CareBot? *Less than a year-* Emotional payback for the family to have this new *automatic care giver? Nearly instantaneous-*

**Safe Harbor:**

Statements regarding financial matters in this press release other than historical facts are "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, Section 21E of the Securities Exchange Act of 1934, and as that term is defined in the Private Securities Litigation Reform Act of 1995. The Company intends that such statements about the Company's future expectations, including future revenues and earnings, technology efficacy and all other forward-looking statements be subject to the Safe Harbors created thereby. The Company is a development stage firm that continues to be dependent upon outside capital to sustain its existence. Since these statements (future operational results and sales) involve risks and uncertainties and are subject to change at any time, the Company's actual results may differ materially from expected results.

*Contact:*

[www.GeckoSystems.com](http://www.GeckoSystems.com)

or

Main number: 1-866-227-3268

International: +1 678-413-9236

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