

News Release

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RangeStar Wireless Develops Innovative *Bluetooth*® Clock Synchronizer to Showcase Software and Hardware Capabilities

*Application demonstrates RangeStar's ability to provide wireless industry
players with a Total Bluetooth Solution*

Las Vegas – March 20, 2001 – Imagine a world where all the clocks in your house automatically adjust themselves for daylight savings time – just as your computer clock does today. Well, thanks to RangeStar's *Bluetooth* development team, this technology can now become a reality. RangeStar Wireless has developed a new prototype *Bluetooth* application that eliminates the need to set and reset clocks – not to mention finally taking care of the flashing 12:00 that remains a fixture on many VCRs today.

RangeStar's Clock Synchronizer is an application of the company's *Bluetooth* module, which uses Cambridge Silicon Radio's BlueCore™ chip and one of RangeStar's own world-renowned embedded antennas. RangeStar also developed the software that powers the system.

"Our Clock Synchronizer solution merges RangeStar's leading patented embedded antenna design and integration with other key aspects of *Bluetooth* adoption, thus providing an excellent example of the company's ability to offer Total *Bluetooth* Solutions," said John Harris, president and CEO of RangeStar Wireless. "RangeStar is one of the only companies in the wireless industry that merges all aspects of *Bluetooth* adoption - antenna design, integration, software development, radio module design, testing and production - to offer a complete, integrated solution for wireless industry players."

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RangeStar's Clock Synchronizer prototype ensures that every clock in the house has the right time, all the time. The Clock Synchronizer base station derives its time from the global positioning system (GPS) satellite network just seconds after it is powered up and then uses *Bluetooth* technology to communicate with a VCR's clock and any other clock in the household.

In the case of a power failure, clocks all over the house reset themselves, automatically, without the need for human interaction, moments after the power returns. Devices can also communicate with the Clock Synchronizer on a regular basis to correct any discrepancies or drift in their own internal clocks as well as obtain additional information, such as 12 or 24 hour formatting.

If a consumer buys a VCR or DVD player that contains a Clock Synchronizer client, the client automatically inquires for other *Bluetooth* devices in the area as soon as the device is plugged in. When the client finds the device that contains the Clock Synchronizer service, it establishes a link and requests the time. Upon receiving a response, the VCR or DVD will automatically set its own internal clock.

About Bluetooth

Bluetooth wireless technology is set to revolutionize the personal connectivity market by providing freedom from wired connections. It is a specification for a small-form factor, low-cost radio solution providing links between mobile computers, mobile phones and other portable handheld devices, and connectivity to the Internet. The *Bluetooth* Special Interest Group (SIG), comprised of leaders in the telecommunications, computing and network industries, is driving the development of this technology and bringing it to market. The *Bluetooth* SIG consists of its promoter companies 3Com, Ericsson, IBM, Intel, Lucent, Microsoft, Motorola, Nokia and Toshiba and 1882 adopter companies.

About Rangestar Wireless

Rangestar Wireless is a global leader in the development and integration of embedded antennas for the wireless communications markets. Founded in 1995, the company is recognized for its innovative, high-performance embedded antenna solutions, conceived by a world-renowned staff of antenna design engineers. Rangestar is headquartered at 9565 Soquel Dr., Aptos, CA 95003, USA.

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