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**Looking at the future: Radical miniaturization, integrated display/loudspeakers, mobile phone-beamers and applications that learn your taste - Siemens' prototypes and innovations provide an exciting glimpse of what's to come**



*Hannover (ots) -*

- Cross-reference: photos are available  
at: <http://www.presseportal.de/galerie.htx?type=obs>

Siemens' innovative range of prototypes and new product designs provide an insight into the future of mobile communications at CeBIT. Miniaturization is a common theme, with the incorporation of a loudspeaker into a Siemens S45's display - opening up endless possibilities for mobile phone designers, who currently have to design around the loudspeaker. Another highlight is the feather-light quad-band 'Pendant phone', which allows the user to take photos and instantly send them to a friend via GPRS. All of the innovations on display are concepts under consideration for further development.

Worn round the neck, the highly stylized GPRS quad-band (for 850/900/1800/1900-MHz-Networks) 'Pendant Phone' allows users to move around freely because either the headset or the hands-free mode can be used. An integrated camera and MP3 player are the main features of this phone which also provides speech control for easy use. Photos can directly be sent via GPRS or via the invisible infrared interface. The pendant phone weighs under 60 grams and the quality of the photos is: 352x280 pixel.

As one of the biggest components of a mobile phone, the loudspeaker currently limits the potential for miniaturization and

drastic new design. However, Siemens has teamed up with NXT (a British loudspeaker company) to develop the 'Display Speaker Phone', which integrates a loudspeaker into the phone's glass display. This integration will open-up endless possibilities for designers who will have more scope for new creative ideas. The sound quality of the glass display is incredible: especially its bass performance and maximum volume afforded by the large area of the display lens. As the speaker will be completely sealed, the new phone will be waterproof.

Business users may soon be able to carry the smallest projector in the world within their mobile phone, via the 'Mobile Beamer'. Intended for integration to business-orientated mobile phones, users will be able to project A4-size presentations directly from files (such as Microsoft PowerPoint) saved onto their handset's flash/MMC card. All power supply will come from the handset's battery, which will prove ideal for impromptu meetings with small groups of people.

'Web Mate' is a concept PDA-sized web-browser for full HTML viewing and easy landscape format web-surfing. The small device has got a high resolution display and is very easy to navigate.

The 'Pen Phone' developed together with OTM Technologies (an Israeli high tech start up), using an optical sensor to allow text input via handwriting recognition on any surface. In the future, it is anticipated that this could be particularly useful for graphical input - e.g. sketching a map for a friend.

For busy people who like to try-out the latest applications, 'Jukebots' is sure to prove a hit, as it uses GPRS and Java technology to teach applications to learn your preferences - such as your musical taste. Ultimately this could mean your mobile phone could compile a music compilation for you in advance of a long journey.

Personalize your phone with pictures, sound and data via a wireless connection (by GPRS and Java) to any computer, via 'Wireless Data Access'. Using the Siemens M50 as a prototype, customers can download from a remote computer different data such as screensavers, ringer tones or e-mails. Even huge data-files can be downloaded such as powerpoint presentations.

Peter Zapf, President of Mobile Phones within the Information and Communication Mobile Group said: "These prototypes demonstrate our commitment to the future of mobile communication and will provide visitors and customers with an insight into what's to come soon. We are also sure that those creative ideas will bring a lot of fun to our stand at CeBIT."

The Siemens Information and Communication Mobile Group (IC Mobile) offers the complete range of mobile solutions including mobile devices, infrastructure and applications. Devices include mobile phones, wireless modules, mobile organizers and cordless phones as well as products for wireless home networks. The infrastructure portfolio includes GSM, GPRS and 3G mobile network technologies from base stations and switching systems to intelligent networks, e.g. for prepaid services. Mobile Applications cover end-to-end solutions for Messaging, Location Based Services or Mobile Payment. For the fiscal year 2001 (September 30), IC Mobile recorded sales of EUR 11.3 billion and employed 30,730 people worldwide.

You can access further information about Siemens IC Mobile on the Internet at  
<http://www.siemens-mobile.com>

You can access press releases, photographs and further information on the Internet at:  
<http://www.siemens-mobile.com/press>

Two photographs accompany this press release. You can access the photos on the Internet at URL:  
<http://www.siemens.com/icm-picture/pendantphone>

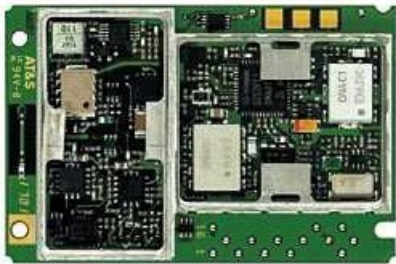
<http://www.siemens.com/icm-picture/speakerphone>

More product information is also available from our PR agency Weber  
Shandwick at:  
Tel: +44 (0)20 7950 2104, email: [siemensmobile@webershandwick.com](mailto:siemensmobile@webershandwick.com)

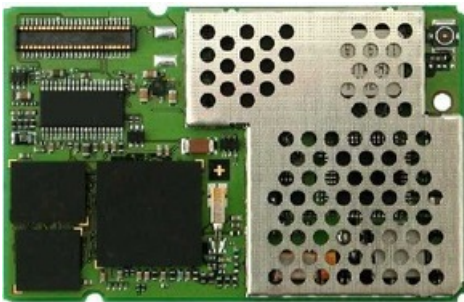
#### Medieninhalte



*"Display Speaker Phone" the loudspeaker is integrated into the display of the phone. The integration will open-up more space for creative designs and technology.*



*Wireless Module AC35 - The world's first GPRS module geared to the automotive industry.*



*Wireless Module MC45 - The super-slim, tri-band GPRS (Class 10) module from Siemens IC Mobile - ideal for mobile computing solutions.*



*The «mobile life @ home» concept combines both: voice and data communication products which enable people to really communicate and move free and mobile in their homes.*



*Take a look into the future! The "Pendant Phone" is worn round the neck. Tomorrow's user can phone with the pendant phone, it can be used as a camera - the photos can then instantly be sent within seconds*

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