

# **An Overview about User Interface Innovations for Communication Devices**

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## **Abstract**

It is a fact, during a journey or on leisure activities mobile communication systems become more and more importance because of the need of always being online, receive information my personal profile intend or feeling secure throughout the possibility of calling help anytime and anyplace.

The usage scenarios for mobile devices usage are nearly infinity. With the help of high-speed development cycles user demands from all kind of areas will be considered. Consequences are that in every new device generation lots of new features and applications will be implemented. These new solutions empower users to interact in a complex way like deposit transactions, location based services or entertainment applications.

But implementing new features are only one part of the success. Usability tests shows that many people are not able to understand the mind-set behind the function that is necessary to use these. To keep increasing frustration and miss usage out of the box, new and innovative interaction solutions like text input methods or input devices with a time range of about two to three years in the future are absolutely mandatory.

As a result, there is a team within the competence centre user interfaces with Siemens mobile, which is responsible for developing future innovative principles to raise ease and fun of use of mobile communication solutions from Siemens.

The presentation gives an overview of the embedded process and its background, which is necessary to develop an idea from scratch up to an innovation for mobile communication solutions.

For a better understanding some real life examples will be shown and explained to demonstrate the way innovations user interfaces within Siemens mobile for future devices works.

*The paper was not available in time for printing. It will be distributed during the Symposium.*