

Pocket News



Real-time News

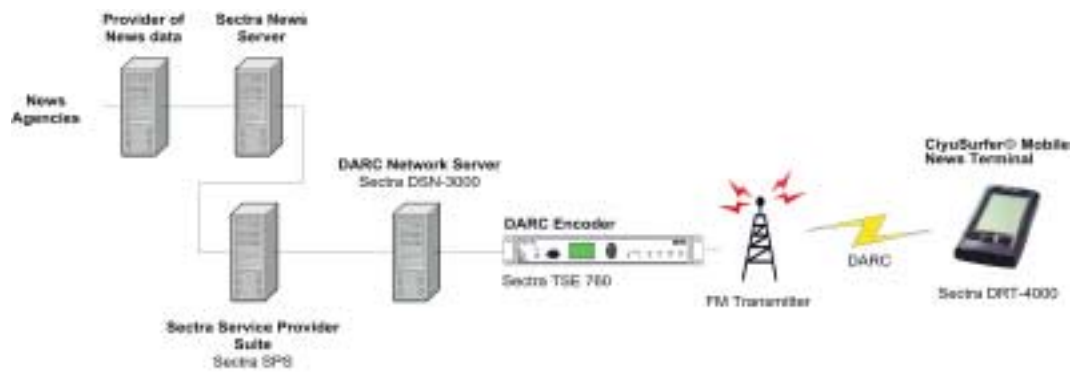
People with need for real-time news information find themselves disconnected from the media flow when they leave their offices for meetings, lunch or simply going home. This is because current technologies require the customer to have a stationary computer connected to the information provider. Existing mobile solutions are either expensive or provides low update rates.

Personalized notifications

The Sectra Pocket News System and the Sectra CitySurfer® mobile terminal provide constant real-time updates of world news information at a low fixed price using the FM-based DARC data channel. Also, the system provides automatic notifications to the user when receiving news with personalized keywords.

The Data Radio Channel (DARC) is a world standard for wireless digital data transmission over the FM network and is well suited for this purpose.

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Sectra Pocket News System

The Pocket News System receives real-time news from several different news sources and uses DARC to transmit these updates to the mobile CitySurfer receivers.

- The news information is collected from different news agencies and digested by an information provider. They provide an interface that Sectra News Server can use to get news updates and other news related information.
- In addition to real-time news updates the Pocket News System can also broadcast web pages to the CitySurfer.
- The Sectra News Server gets news updates, and handles the transmission so that optimal bandwidth utilization is achieved with filtering, coding and prioritization. For the daily management of the contents, with regard to transmitted news and their grouping into categories, the News Administrator application is used.
- The Sectra Service Provider Suite is used by the Sectra News Server, both as a standard interface to the DARC network and also for subscriber management, making it possible for only paying customers to receive data. The subscriber management system, or Sectra SMS, allows for marketing of the Pocket News package as a base package and a number of additional add-ons so that the customer only pays for what he or she is interested in.
- Finally the data is sent to the DARC Network Server, the Sectra DSN-3000, for low-level DARC coding and distribution to the DARC encoders, the Sectra TSE-760, at the FM stations all over the transmission area, e.g. a complete country or a single town.
- The CitySurfer mobile news terminal is a hand-held DARC receiver with a high-resolution display and application processor that is constantly updated with news updates and web pages in accordance

SECTRA

Sectra Wireless Technologies AB

Teknikringen 20

S-583 30 Linköping

Sweden

Ph: +46 13 23 52 00

Fax: +46 13 23 52 58

info.swt@sectra.se

www.sectra.se/wireless