CloudView

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CloudView is a web-based service that offers new ways to configure and display information on handheld devices.

Users can view real-time information, such as flight status, stock quotes, weather or sports scores, on their mobile device without having to open a mobile browser. In the enterprise, CloudView could be used by employees to track inventory or sales data.

The CloudView server provides a number of standard "channels," which users configure and subscribe to through the CloudView website. After installing a client program on a handheld device, the user can monitor the subscribed information on a handheld device without further configuration.

The handheld device retrieves the display data from a feed URL hosted by the CloudView server, via GPRS, Wi-Fi or other communication technologies. Alternatively, the user can dial a public phone number, which will electronically read the data to the user.

There are at least four ways to specify new channels:

- Subscriptions to standard channels can be added directly from the CloudView website.

- Subscriptions to third-party channels (provided by other websites) can be added from the CloudView website by specifying an external feed URL.

- Computer programs are provided for the users to track database changes on their personal computers. These changes can be automatically detected and reported to the CloudView server and can be tracked later on the handheld devices.

- Users can input data manually through the CloudView website.

CloudView is in use at HP and is available externally at www-idl.hpl.hp.com/cloudview.

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3/2008