Docket #: S06-296

Dynamic Local Authentication and Data Provisioning

Stanford researchers have developed an innovative method for providing improved network services to mobile users. This predictive network service provisioning method uses personal schedule information of the user to predict the geographic/network location of the user, the operational context of a user, and/or the computation and communication needs of a user. These predicted user attributes may be used to reduce network latency by pre-positioning user data at a location closer to the user, allocating services and/or resources for the user at the predicted location, and/or providing the user with access to the pre-positioned personal data files and services when requested by the user.

Applications

- Mobile communications, particularly real time applications such as voice and video

Advantages

- Predictive
- Fast and Efficient
- Reduces network latency and network congestion

Publications

- U.S. Application No. 12/075,098

Patents

- Published Application: 20090029692
- Issued: 9,614,958 (USA)

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