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Cohesive Data

Information in your hand – Mobile caching technology

Today’s customers demand continuous access to dynamic information wherever they are. Delivering current information to an on-device cache; Cohesive Data lets the mobile users access their critical information even when there is no mobile network available. Patenet-pending technology developed at NICTA, makes the Cohesive solution mobile operator friendly by delivering only the changed information in a compressed format.



The Features

- Compression expands the storage capacity of the mobile device by a factor of five
- Tuned for mobile devices - requires 1/10th the processor power of alternative storage methods
- Removes need for devices to be constantly connected to the Internet as data is cached locally.

Who is helped?

- The technology will allow mobile phone carriers and their customers access to time-sensitive content even outside the network range
- The team is interested in speaking with companies looking to partner in this rapidly evolving area.

The NICTA Approach

The NICTA research team behind Cohesive Inc. has delivered a significant technological breakthrough by developing a method to update and query XML while it remains in compressed form. This significantly reduces the processing power required while allowing more data to be stored in a given space. The team is working closely with device manufacturers to enable the technology in their products.

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