

Key Features

- Automated software rollout
- Implemented over any type of data network
- Strong and secure encryption of data

Key Benefits

- Reduced downtime
- Remote devices always up to date
- Simplified version control

Imagine, you have deployed 10's if not 100's of mobile devices across multiple sites/countries and a major software application update is required. This means all your handheld devices need to be recalled and issued with new software. This procedure causes lengthy, expensive and impractical periods of downtime while the handhelds are shipped back to base and re-issued, not to mention the logistical nightmare involved.

Using our Drizzle Technology for remote device synchronisation Anglia has developed the Auto Update application which can be used to rollout automatic application software updates to remote devices.

How does it work?

Each time data is synchronised with the main database using Anglia's Drizzle Technology, a check is performed to ensure software versions match that on the main server.

If an update is required it is automatically sent to the handheld along with any new synchronised data.



Fig 1: Showing automatic software update roll-out in progress.

What is Drizzle Technology?

Developed by Anglia, Drizzle Technology (DT) is the enabler for communication between mobile devices and a base repository of data.

DT lets you replicate data over slow or partially existent connection. DT provides periodic or on demand synchronisation of data. The synchronisation is bidirectional and is optimised to maximise bandwidth. The synchronisation of data can be implemented over any type of data network including private corporate (LAN/WAN), wireless (RF/802.11x/Spread Spectrum), public phone network, mobile phone network (GSM/GPRS/CDMA).

The entire synchronisation process uses strong encryption to ensure that data to and from the mobile device are kept totally secure, even when operating over the public Internet.

DT is built using Microsoft Products. The technology employed is built around Microsoft SQL Server and robust .NET components which have been optimised for this application. DT can be used to deliver data from any SQL Server database, connect effortlessly to ERP systems such as Microsoft Dynamics™ NAV & AX, or connect to 3rd party databases and applications, such as J D Edwards & SAP.

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