

TWedgeCE

Data Acquisition Software For Mobile Devices

Mobile Data Acquisition Software for RS232, Bluetooth®, TCP, UDP

> For Microsoft® Windows® CE, Microsoft PocketPC® Microsoft Embedded and Microsoft Mobile®

Data Acquisition made Easy

TWedgeCE is a smart data acquisition application for handheld or mobile devices.

It captures data from an arbitrary device interface and simulates keystrokes based on the captured data. These keystrokes are sent subsequently to an arbitrary application.

Broad Device Support

Any device connected via Bluetooth®, serial (RS-232) port, TCP (client and server) or UDP is supported.

Barcode scanners, gauges, controllers, analyzers, RFID-readers, WLAN-devices, measurement tools and many more are connected to a PDA or MDE within minutes. In addition, a special version for Symbol® PPT8800 is available which directly supports the built-in barcode scanner.

For Mobile Devices

TWedgeCE operates under all mobile operating systems based on Windows CE 5.0 (or higher).

Without changing Applications

Captured data is translated into keystrokes, thus no software modification is required for integrating dataacquisition features into existing applications.

Flexibility

Flexible automation functions are available - e.g. data read by TWedgeCE may be modified before translating it into keystrokes, the required input field can be selected automatically, applications may be started or activated on demand and control keys can be simulated based on input data.

Simple Setup, Simple Deployment

TWedgeCE is installed by executing a setup application and deploys itself over a Microsoft® ActiveSync® connection. The configuration is maintained by a single text-based configuration file, this simplifies deployment to multiple mobile devices dramatically.

Highlights

General

- No Programming TWedgeCE uses keystroke simulation to communicate with arbitrary applications.
- Simple Configuration Configuration is done by a single text-based configuration file.
- Easy Deployment Simply distribute the configuration file to your mobile devices.

Supported Interfaces

- Serial (RS 232) Interface TWedgeCE reads data from arbitrary serial connections.
- Bluetooth® Interface Bluetooth® devices like bar code scanners are supported natively. TWedgeCE automatically reconnects lost connections.
- TCP Client, TCP Server, UDP Client TWedgeCE can be configured as client (UDP/TCP) or server (TCP). On demand "I-Am-Alive" packets are sent.

Special Versions

Symbol® PPT8800

The special version of TWedgeCE for Symbol's PPT8800 offers integrated barcode-scanner support.

Operating Systems

Windows CE, Windows Mobile, Pocket PC TWedgeCE supports most mobile operating systems. Builds for special architectures are available on request.

More Infos on http://www.tec-it.com: Data Acquisition Software for Pocket PC's - TWedgeCE