

Project Note

Mobile Solution for Service Engineers

The new application replaces the existing programming devices for service engineers with PocketPCs running customised software. Zühlke develops the concept and framework for the PocketPC application software from Enermet.

Task

The development of in-house programming devices is elaborate and expensive. Mobile PCs offer the same functionality at a more economic price. Enermet therefore replaces the existing programming devices for service engineers with PocketPCs running customised software. The new application is developed within a tight timetable whilst in parallel Zühlke will build up the technical knowledge at the customer base. The development is based on PocketPCs, which can be queried by a transceiver requesting both status and the data collected. The devices communicate through Bluetooth technology.

Implementation

Zühlke develops the concept and framework for the PocketPC application software from Enermet. For the development, the customer will use Windows CE as well as the Microsoft embedded tools. Zühlke works with Enermet in a consultative capacity for the creation and testing of the software, as well as the connection of Bluetooth technology to the transceiver. The development team of Enermet will be trained continuously in the latest Windows CE technologies. In addition, Zühlke and Enermet will jointly determine the concept for the installation software and license management.



Technical Data

Hardware: PocketPC

Target Platform:
Windows CE

Development Platform:
Windows XP

Programming Languages:
C++ und MFC

Development Environment:
Microsoft Visual Studio
and Microsoft Embedded Visual Studio

Customer benefits

- Know-how-transfer:
Enermet can call on the experience of Zühlke in the area of embedded systems and Windows CE. This allows Enermet teams to build up know-how in order to further develop the software independently.
- Flexible solution during peak periods:
Peak development periods can be bridged through the use of Windows CE experts. This will allow Enermet to achieve their goal quicker. The service engineer will be able to configure his measuring equipment quickly and easily with a PocketPC.

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