

WireLess Studio

Access from the mobile terminals to the central information system using the SofToGo basic software.



WireLess Studio



Challenge

Used You have implemented or are in the process of implementing a central information system type WMS, ERP, etc., which is based on a Microsoft Windows graphical user interface (GUI) and you need to integrate to the system the mobile terminals and a specific application for the use of the workers.

Solution

WireLess Studio offers you the best solution with its functioning structure suitable to be adapted to any central information system.

WireLess Studio functions in three steps:

① Install WireLess Studio Server

It works on a Microsoft Windows server and hosts the applications which charge the mobile terminals in a remote way.

② Install WireLess Studio Client

It is installed on the PDA and remotely charges the applications hosted by the WireLess Studio server through the Wi-Fi net.

③ Develop an application to suit your needs

The OLE development libraries for WireLess Studio make possible to integrate the application running on the terminals to the central information system of the organization.

Develop the application with your favorite programming language and don't worry about learning how to develop applications for mobile terminals. Keep in mind that the applications work on a server with Microsoft Windows operative system.

You can choose the WireLess Designer "graphical development" tool.

Easy and immediate development of applications for WireLess Studio. You can program them without writing a single line of source code, using only the mouse and the application will run in the mobile terminals.

Benefits

The mobile users are going to be more productive

Avoid the distraction of the user

- Closing the WireLess Studio Client is password protected.
- Optimized barcode reading at high speed.
- Total control of the user's interface.

Main features / Components

WireLess Studio Server

- Centralizes the connections of the users who access the system through the Wi-Fi net.
- Stores the WireLess Studio applications which the users remotely charge from the mobile terminals.
- Supports several WireLess Studio Server installations on the same network
It supports redundancy for error tolerance and charge balancing.
- Flexible scalability– Install new WireLess Studio clients and connect them instantly with any available server.

Mobile users administration

- Connection Tutorial personalized for the user– From the mobile terminal, the client selects which server it will be connected to and launches the assigned application.
- User access to the applications is password protected.
- Assignment of specific applications for each user.
- Logging and live tracking of each user's activity.
- Scheduled user disconnection– It programs in advance the exact moment in which the users will end the connection with the server.

WireLess Studio Server Administration Console

- Local or remote WireLess Studio Server connection.
- User's connection control in Real Time.
- Users and applications administration.
- Server control–Start, stop, or change the configuration.

WireLess Studio Client

- Thin client that connects itself to the available WireLess Studio Server and remotely gains access to the application assigned for each specific user.
- Print through Wi-Fi, Bluetooth or serial port connections.
- Peripheral support for Bluetooth and serial devices.
- WireLess Studio Server connections through Wi-Fi or GPRS.
- Full backwards compatibility with DOS – Applications written for DOS clients, work in Windows CE without modifications.
- Reading and edition of barcodes– Selection of symbols, suffixes, prefixes, length, etc.
- Remote installation and upgrade of WireLess Studio Client in the mobile terminals using WireLess Deployer.

OLE/COM WireLess Studio Library

Function	Properties
Component	OLE/COM component with standard interface that guides clients through the net.
Modules	Objects according to the functionalities. Methods, error codes.
Examples	Demonstration examples in MS-VB, MS-C++ and MS-C#.
Documentation	Development guide with details of objects, methods and programming examples.
Barcode readings	Selection of symbols and lengths.
WS Client emulator	Virtual client to test applications directly on the workstation.

General features

Available in many languages: **Spanish, English, French.**

WireLess Studio Client, WireLess Studio Server Administration Console and documentation.

System requirements

WireLess Studio Server

- Microsoft Windows NT, Microsoft Windows 2000 Server/Professional, Microsoft Windows XP, Microsoft Windows 2003.

WireLess Studio Cliente

- Symbol, Intermec, Datalogic, HHP, generic hardware, Win XP.
- Pocket PC 2002, Pocket PC 2003, Windows Mobile 2005, WinCE 4.20, WinCE 5.0, wind XP

