Version 3.2

Program Developer & Communication Software for Mobile Data Collection Devices

IT*Script* Net®

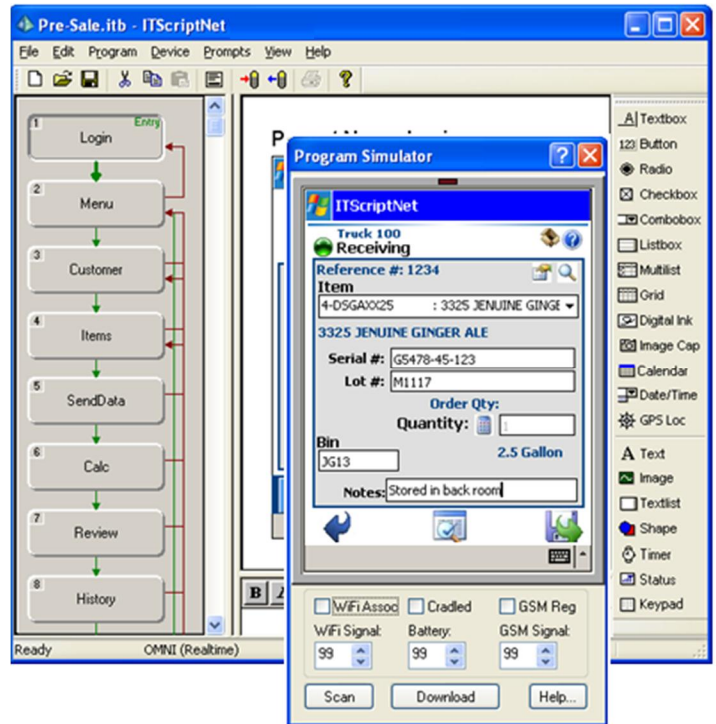## Development Environment

Program Design

- Input controls - textbox, radio button, checkbox, combobox, data grid, digital ink, image capture, calendar & time/date picker, GPS coordinates
- Design enhancement features . use images, shapes, colors, fonts, buttons, status indicators for:
  - ➢ Battery Life
  - ➢ GSM Signal Strength
  - ➢ Progress bar
  - ➢ Wi-Fi association status
  - ➢ Free Space
  - ➢ Numlock state
  - ➢ Shift state
  - ➢ Wi-Fi Signal Strength
- Customize program behavior with scripts using a rich set of over 200 functions that simplify development
- Generate defined validation files from an ODBC data source to validate input
- Print to a Bluetooth®, 802.11b, IrDA or serial printer.

Data Output to:

- ➢ Text files
- ➢ Excel® spreadsheet
- ➢ Access database
- ➢ Any ODBC data source

Data Processing Scripts

Write VBScripts to perform additional processes on the data as it is being transferred to the server. Kick off other processes, like displaying a report, printing a document, send an email, send data to a shared site (FTP), and calling COM and .Net components. These scripts provide near limitless capabilities within ITScriptNet.

Communication

Connection Methods

Batch
Connect to local PC with a cradle or cable using ActiveSync

Wireless
Local Area Network - WLAN . Wi-Fi - 802.11b/g
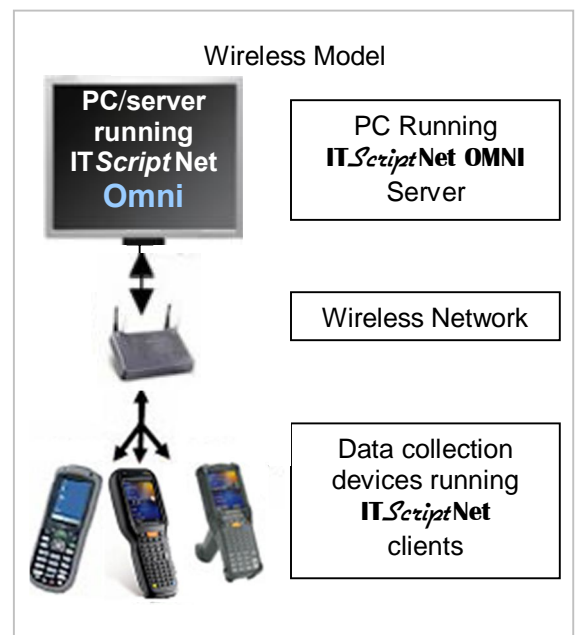Wide Area Network . WWAN - GPRS/GSM (cell phone)

Data Transfer Methods

Batch

- Through the menus on the device and PC
- AutoDownload . place the device in the cradle, data is sent automatically. Program and validation files can be automatically reloaded.
- DL Server . manually control transfer with buttons in the data collection program

Wireless

- Manual . control when collected data is sent to the server with controls and functions, both batch and wireless.
- RF . Make a wireless connection to send the data. If the connection fails, either retry the connection or exit the program.
- Hybrid . If a wireless connection is not made, saves the data to the device for later transmission.

Wireless Model

PC/server running IT*Script* Net **Omni**

PC Running IT*Script* Net **OMNI** Server

Wireless Network

Data collection devices running IT*Script* Net clients

Features

ITScriptNet Design Features

- **VOICE!** Integration with Vangard Voice's AccuSPEECH Studio for Voice Enabling data collection
- **SQL CE!** Use the benefit of a database
- **Rotate!** Rotation of images, signature capture, and text
- **GPS!** Capture GPS coordinates and GPS breadcrumb trail*
- **RFID!** Scan RFID tags#
- **CSV File!** Lookup data from a csv file
- Write VBScripts for additional processing; send data to multiple output formats, send email, print reports, run other logic
- Password protect the program
- Lock user into data collection only*
- Capture signatures (sign on glass)
- Take pictures*
- Play .wav files, Beep and Buzz*
- AutoTransfer data when device is cradle
- Unlimited number of screens and fields

- **New Features!** New elements for: calendar, date/time picker, keypad & keypad image buttons, battery status, media clip, and more.
- **Color Gradient!** Visual enchancement for buttons & shapes
- **Filters & Formatting!** Multiple filters and automatic formatting for grids, listboxes, drop-down boxes.
- **Over 30 New Functions!**
- Simulate program operation on the PC
- Output to Excel, Access, text files or ODBC source
- Display collected data in a grid
- Edit and delete collected data
- Checkboxes and radio buttons
- Scan & parse 2D codes*
- Design programs to run on the PC Fully test the design, operation and data transfer from device while still in demo mode
- Completely control the validation and flow of the program

Real-time features - available with Omni communication licensing:

- Send a file from the device to the server
- Store data on device until wireless connection is made (Store & Forward)
- Retrieve a file from the server
- Execute a VBScript remotely on the server
- Execute a SQL statement remotely on the server
- Load ITScriptNet programs from the server

- Connect via 802.11b/g*
- Connect via GSM/GPRS (cell phone)*
- Connect via modem
- Connect to server over the internet via local ActiveSync PC connection
- Control timing of sending data to server
- And more!

Below is a small sampling of common applications where ITScriptNet has been used:

- Asset Tracking
- Check In/Out
- Disaster site personnel mgmt
- Food Safety Audit
- Inspections
- Inventory Control
- Package Delivery

- Pallet Tracking
- Physical Inventory
- Quality Control
- Route Accounting
- Shipping/Receiving
- Showroom Order Entry
- Time & Attendance

* With properly equipped device
\# Supported devices only

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