

ITScriptNet™ Batch & Batch Plus

Data Collection Software



Features

- **Multi-level Programming:** Simple yet sophisticated application development tools allow programmers and non-programmers to write effective data collection programs.
- **Multi-Platform Support:** Applications can be written for Dolphin® 7200, 7300, 7400/7450, and 9500/9550 batch terminals and the IT3875 cordless imager.
- **Program Simulator:** Saves development time by testing data collection applications before deployment.
- **Data Processing Using Scripts:** Collects and processes data with functions using VBScripts to integrate data with other applications or back-end systems.
- **In-Prompt Scripts:** Provides great flexibility and power for creating intelligent, interactive programs with conditional branching, user-defined variables, variable text display, and much more.
- **Data Formatting Support:** Data can be formatted for a text file, Microsoft® Excel, Microsoft® Access, or through an ODBC connection.
- **Ready-To-Go™ Applications:** Select from 21 pre-designed programs to quickly begin collecting data or to jump-start a custom program.
- **Additional Batch Plus Features:** IrDA printing, In-Prompt script debugging, shelling out to custom applications, auto-generating validation files, Active X controls, and receiving input from external devices.

Overview

ITScriptNet Batch and Batch Plus software allows users to quickly and easily create batch data collection applications for Dolphin 7200, 7300, 7400 and 9500 Series batch portable data terminals and the IMAGETEAM™ 3875 cordless bar code reader. The software's simple yet sophisticated architecture makes it a powerful tool for programmers and non-programmers alike.

The ITScriptNet program designer features an intuitive visual interface that provides users with a graphical view of how the program will function as it is being constructed, greatly simplifying the development process. The software's integrated simulator further reduces development and implementation time by simulating the data collection program within the design environment, allowing the application to be fully tested prior to being deployed in the field.

ITScriptNet enables developers to harness the multi-functional data collection capabilities of Dolphin data terminals, including keypad and touch panel input, scanning of 1 and 2D bar code symbologies, and image capture. The imaging feature can be used to record signatures and image data to document proof of receipt, damage claims, condition of equipment, and more.

In addition to its ease of use, ITScriptNet delivers powerful programming tools such as VB Scripting, conditional branching, indexed validation files and pick lists, and data formatting support for text files, Excel, Access databases, and ODBC data sources. ITScriptNet Batch Plus expands out-of-box functionality with value-added features such as IrDA printing support, debugging of In-Prompt scripts, the ability to shell out to a custom application, auto-generation of validation files, Active X controls, and support for external device input.

With its power, flexibility, and ease-of-use, ITScriptNet Batch and Batch Plus may be used to create a wide range of data collection solutions for inventory control, asset management, warehousing, retail, meter reading, document tracking, and production tracking.

ITScriptNet Batch & Batch Plus Specifications

System Requirements

- Microsoft® Windows® 95, 98, Me, NT, 2000 or higher, XP
- Minimum RAM: 16 MB (32 MB for Windows® NT or 2000)
- Minimum hard drive space: 30 MB
- Screen resolution 800 x 600 or higher
- Available serial port for communication with the portable data collection unit

The online help system and New Program Wizard use HTML help, which requires Internet Explorer 4.0 or higher. If you do not have Internet Explorer 4.0 or higher, the online help system and New Program Wizard may not function, but the rest of the program will.

Communication Requirements

- Dolphin 7200 Series batch terminal - Serial cable or HomeBase™
- Dolphin 7300 Series, 7400 Series batch terminals - Serial cable, HomeBase™, USB HomeBase™, IntelliBase™, IntelliBase+™, or Mobile IntelliBase™
- Dolphin 9500 Series - Serial or USB cable, HomeBase™, MobileBase, Net Base, or Charging/Communication cable
- IT3875 Cordless Imager - Serial cable
- Microsoft® ActiveSync needed to initially load the client software onto the Dolphin 7300, 7400, or 9500 Series.

Compatible Mobile Computers and Imagers

All batch configurations of:

- Dolphin 7200 Series
- Dolphin 7300 Series
- Dolphin 7400 Series - Windows CE 3.0 and Pocket PC
- Dolphin 9500 Series - Pocket PC 2002 and Windows Mobile™ 2003 Software for Pocket PCs
- IT3875 Cordless Linear Imager

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The screenshot shows the ITScriptNet Batch software interface. On the left, a vertical flowchart displays a sequence of steps: 'Prompt', 'Function', 'Location', and 'Op'. The main window is titled 'Prompt Name: EmpNum' and contains a text area with the script: 'ITScriptNet Batch Year=End: Physical'. To the right of the text area, several properties are listed: 'Maximum Response Length: 30', 'Minimum Response Length: 1', 'Barcode Symbolize: Any', 'Keyboard or Screen: Keyboard or Screen', 'Input Device: None', 'Allow Blank Responses: No', 'Hard Prompt: Full', and 'Escape Prompt: Full'. Below the main window, an 'Advanced Settings - Prompts' dialog box is open, showing various configuration options such as 'Input Mail', 'Show Mail Characters with Prompt', 'Response Range Checking', 'Enable Range Checking', 'Highest Response Value', 'Lowest Response Value', 'Response Details', 'Default in the Last Response', 'Default Response', and 'Do not prompt user (BIP)'. The dialog also includes sections for 'Port Character', 'Response File Character', 'Appearance', and 'Validation File'. At the bottom of the dialog are buttons for 'Done Prompting', 'Done Processing', and 'Done Validation'. Callouts point to these features: 'Flowchart of the prompt sequence provides a visual guide to the program', 'Basic properties are neatly displayed', 'Select the function button and use scripts to define prompts for conditional branching, defining variables and much more', 'Validate input using a file', 'Advanced in-prompt scripting capability for near limitless flexibility', and 'Several validation functions ensure that only valid, accurate data is collected'.

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