

ITScriptNet™ Batch & Batch Plus

Data Collection Software

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.



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.

Technical Specifications

Workstation 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.

Software Installation Requirements

To load the client software on Dolphin terminals, you need the following communication equipment:

Dolphin 7600	Serial or USB Communication cable, HomeBase, Mobile Base, or NetBase with appropriate cables and Microsoft
Dolphin 7850	ActiveSync
Dolphin 7900	
Dolphin 9500 Series	

Compatible Mobile Computers and Imagers

All configurations of:

Dolphin 7600

Dolphin 7850

Dolphin 7900

Dolphin 9500 Series

IT3875 Cordless Linear Imager

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The screenshot shows the ITScriptNet Batch software interface. On the left, a flowchart displays a sequence of prompts: EmpNum, PartNum, Location, and Qty. Annotations point to this flowchart, stating: "Flowchart of the prompt sequence provides a visual guide to the program" and "Several validation functions ensure that only valid, accurate data is collected". The main window shows a "Prompt Name: EmpNum" configuration. It includes fields for "Maximum Response Length: 20", "Minimum Response Length: 1", "Barcode Symbology: Any", "Input Source: Keyboard or Scanner", "Allow Blank Response: No", "Next Prompt: PartNum", and "Escape Prompt:". Below this is the "Advanced Settings - EmpNum" dialog box. It contains sections for "Input Mask" (with a mask field set to "#=Number @=Alpha \$=Any"), "Response Range Checking" (with checkboxes for "Enable Range Checking", "Highest Response Value", and "Lowest Response Value"), "Response Defaults" (with checkboxes for "Default to the Last Response" and "Do not prompt user (Skip)"), "First Character" (with checkboxes for "Require First Character" and "Store First Character with Response"), "Appearance" (with checkboxes for "Reverse Video for Response" and "Keyboard Mode"), and "Validation File" (with fields for "Validation File", "Validation Type", "Validation Field", and "Lookup Field"). Annotations point to these settings, stating: "Basic properties are neatly displayed", "Select the function button and use scripts to define prompts for conditional branching, defining variables and much more", and "Validate input using a file". At the bottom of the dialog box are buttons for "Before Prompting...", "After Prompting...", "After Validation...", "OK", "Cancel", and "Help...". An annotation points to these buttons, stating: "Advanced in-prompt scripting capability for near limitless flexibility".

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