

## Highlighted Enhancements for ProvideX Feature Releases

### **ProvideX Version 5.00**

- 2 GB String Size
- Oracle Call Interface (OCI) (for Oracle v8.1.7)
- JavX Support
- Object Oriented Programming
- CHM Help File Support
- Enhanced Internet Tools - FTP Send/Receive
- Graphical Utilities
- Charting Control (Package # 20006)
- Drag and Drop
- Pop-up Menus
- Panel Resizing
- Internal Help Assignment
- Auto Generate Controls from Data Dictionary
- Dependency Tables

### **ProvideX Version 6.00**

- EFF - Enhanced File Format
  - Single file up to 504GB each
  - 64-Bit File structure
  - Increased number of keys and segments
  - Uses new Shadow Page technique
- Output directly to PDF
  - Built-in support for Postscript Document Format
- Program Libraries
  - Single library file that contains entire sets of ProvideX programs
- User-customizable message box
- Major enhancements to Grid and Tree View controls
- Load-On-Demand for List Boxes and List Views
- 255-Colour support for the Text Plane
- Gradient Fills
- Remote object support through WindX
- 2 billion character data lengths to WindX
- Enhanced picture and icon support
- Printer margin support
- DSN-less ODBC connections
- Dynamic loading Oracle OCI interface
- Dynamic loading SSL for UNIX/Linux
- Bi-direction pipe support for UNIX/Linux
- Enhanced debugging
- 10 million element arrays

### **ProvideX Version 7.00**

- Mathematical precision increased to 18 digits of accuracy
- New image DLL with GIF support
- Additional file type support for SAVE CONTROL
- Support for ZLIB compression
- DB2 Interface
- Data Dictionary Compare & Merge
- WindX AutoUpdater
- Views Import/Export Utilities
- Report Writer enhancements
- NOMADS enhancements (folder object, tabless folders, embedded panels, etc.)

### **ProvideX Version 7.50**

- Alternate keys for \*MEMORY\* files
- Improved performance for Standard/Formatted list boxes
- [ODB] support on selected UNIX/Linux platforms
- Single stepping through directives
- WindX compression
- Grid column sorting
- Directory selection using GET\_FILE\_BOX
- ProvideX OCX/COM interface improvements
- Increased TCP/IP performance using SSL
- NOMADS File Maintenance objects
- Query/Smart List access to external databases
- Preserve Controls option to speed up NOMADS folder access
- Report Writer enhancements
- Package activation information utility
- Keyword help in the Graphical Editor (\*it)

### **ProvideX Version 7.60**

- Windows Vista compatibility
- File and Path name length increased to 511 characters
- Command line lengths increased to 32K for compatible OS
- New search rules for INI files and the library and activation key directories (affects Windows 2000, XP, 2003 and Vista).
- FacetWin terminal emulation recognition for ProvideX user count licensing.
- New WindX Standalone license handling.

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#### **ProvideX Version 8.00**

- Vista Look & Feel for GUI components on Vista platforms.
- Automated testing, QA tool hooks
- Multi-line Auto Resize On Focus
- Redesigned interfaces for NOMADS Designer, Utilities, etc.
- Report Writer enhancements
- Windows System Tray support
- Various Debugging enhancements
- Enhanced 'TT' (Timed Trace) System Parameter
- Debugging ProvideX from Eclipse
- Scroll Wheel support
- Enhanced GET\_FILE\_BOX option LIST (multiple selections)
- New Add-on Package 20013 - WindX/JavX Plug-in

#### **ProvideX Version 8.10.**

- New AutoComplete property. Users are now able to create a MULTI\_LINE control with AutoComplete turned on
- New Chart properties to provide better control over chart appearance
- Oracle access for HP-UX 11.11 and HP-UX on Itanium included by default
- NOMADS enhancements, including the ability to PROCESS popup menus, the ability to expand/collapse groups in the Properties Table, and a new easy-to-use pointer tool for selecting/modifying existing objects in the Panel Designer
- Report Writer enhancements, including group counts and new output destinations

#### **ProvideX Version 8.20**

- Extensive visual enhancements to the CHART add-on.
- Calendar feature for MULTI\_LINE
- NOMADS enhancements, including full integration of the new Calendar control and Chart functionality.
- Report Writer enhancements, including new report generation wizard and libraries for storing / embedding frequently- used report objects.
- Extended \*WINPRT\* functionality including the ability to change source trays and paper orientation when printing
- Ability to access ciphers in OpenSSL libraries
- Native support for accessing, parsing and serializing documents in XML data exchange format (add-on or eCommerce license).
- Native support for the MySQL open-source database format (currently available as an add-on for Windows and RedHat versions).
- Complete updates to the ProvideX documentation suite, including a new comprehensive NOMADS Reference manual.

#### **ProvideX Version 8.30**

- Improved PDF file output through integration of the open source project Libharu. \*PDF\* now supports the use of TrueType and Type 1 fonts and PDF font embedding. Supported platforms are: Windows, RedHat ESL 32/64, Suse SLES 10 32/64, Ubuntu.
- Extended GRID functionality, including the ability to sort grid columns based on date values.
- Auto-Complete has been expanded to work through WindX with server-side files.
- NOMADS Query enhancements, including variable line height and font size.
- Updated and expanded Demo Application included with the installation. The new application also provides a multi- platform graphical interface that supports MS Windows, WindX.
- New documentation is available with this release.