

# NOMADS Panel Designer Enhancements

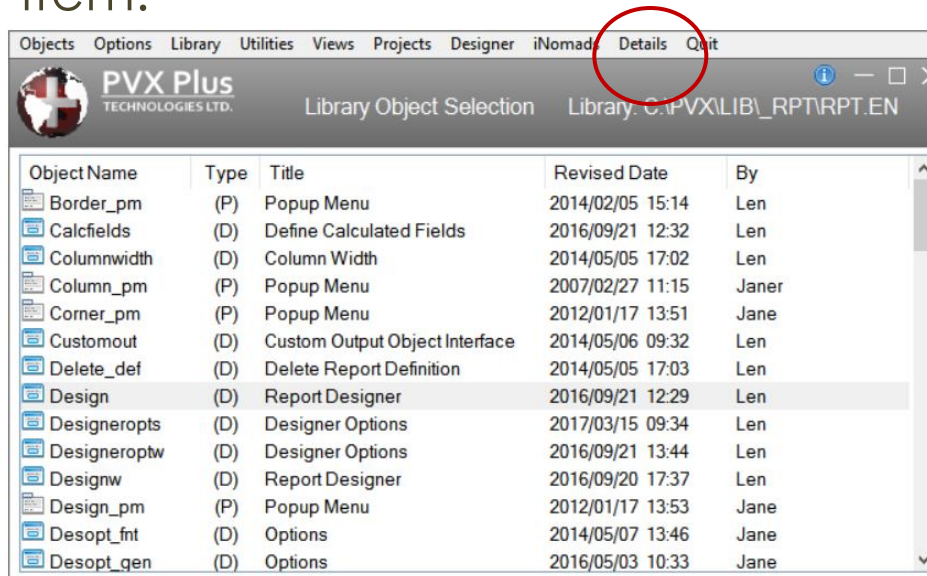
PxPlus 2017 (v14) & PxPlus 2018 (v15)

# NOMADS Panel Designer

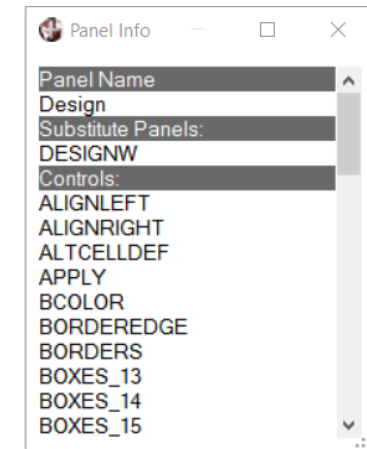
## Library Object Selection Interface

2017

- New menu item: *Details*
  - Display a concurrent window showing pertinent information concerning the currently selected item.



Object Name	Type	Title	Revised Date	By
Border_pm	(P)	Popup Menu	2014/02/05 15:14	Len
Calfields	(D)	Define Calculated Fields	2016/09/21 12:32	Len
Columnwidth	(D)	Column Width	2014/05/05 17:02	Len
Column_pm	(P)	Popup Menu	2007/02/27 11:15	Janer
Corner_pm	(P)	Popup Menu	2012/01/17 13:51	Jane
Customout	(D)	Custom Output Object Interface	2014/05/06 09:32	Len
Delete_def	(D)	Delete Report Definition	2014/05/05 17:03	Len
Design	(D)	Report Designer	2016/09/21 12:29	Len
Designeropts	(D)	Designer Options	2017/03/15 09:34	Len
Designeroptw	(D)	Designer Options	2016/09/21 13:44	Len
Designw	(D)	Report Designer	2016/09/20 17:37	Len
Design_pm	(P)	Popup Menu	2012/01/17 13:53	Jane
Desopt_fnt	(D)	Options	2014/05/07 13:46	Jane
Desopt_gen	(D)	Options	2016/05/03 10:33	Jane



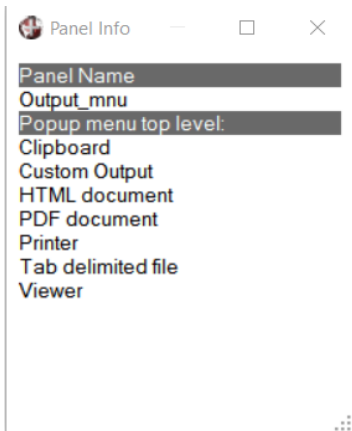
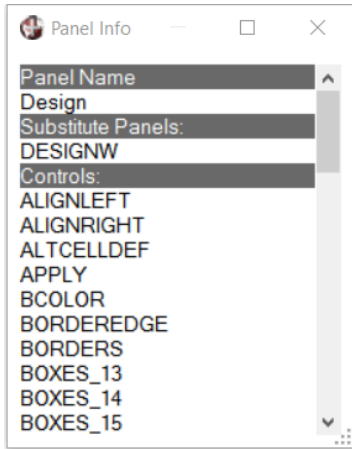
Panel Name
Design
Substitute Panels:
DESIGNW
Controls:
ALIGNLEFT
ALIGNRIGHT
ALTCELLDEF
APPLY
BCOLOR
BORDEREDGE
BORDERS
BOXES_13
BOXES_14
BOXES_15

- Once invoked, the information window will continue to display for the session, until it is closed.

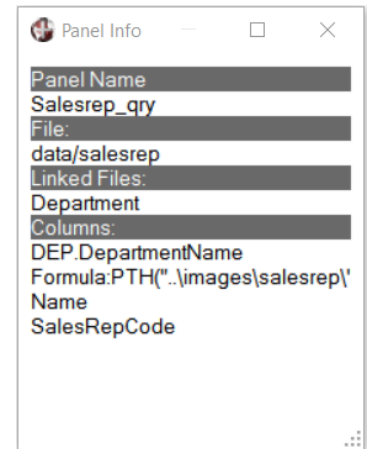
# NOMADS Panel Designer

## Library Object Selection Interface

- New menu item: *Details*



- Panels (Dialogues & Windows)
  - Display control names, alternate and substitute panels, and customization
- Queries (Queries & QueryLists)
  - Display the main file, file links and columns (fields and formulas)
- Popup menus
  - Display the top level menu items.

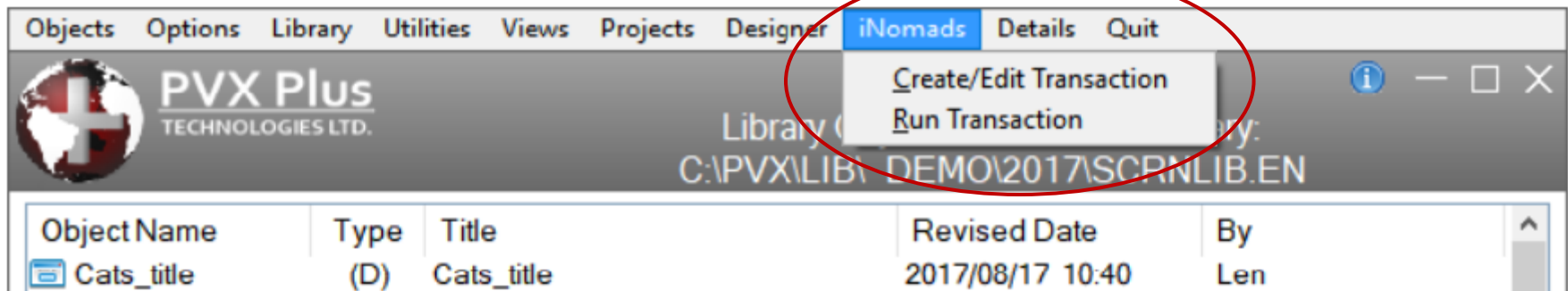


# NOMADS Panel Designer

## Library Object Selection Interface

2017

- New menu item: *iNomads*
  - Test a panel in *iNomads* while still in the NOMADS development environment



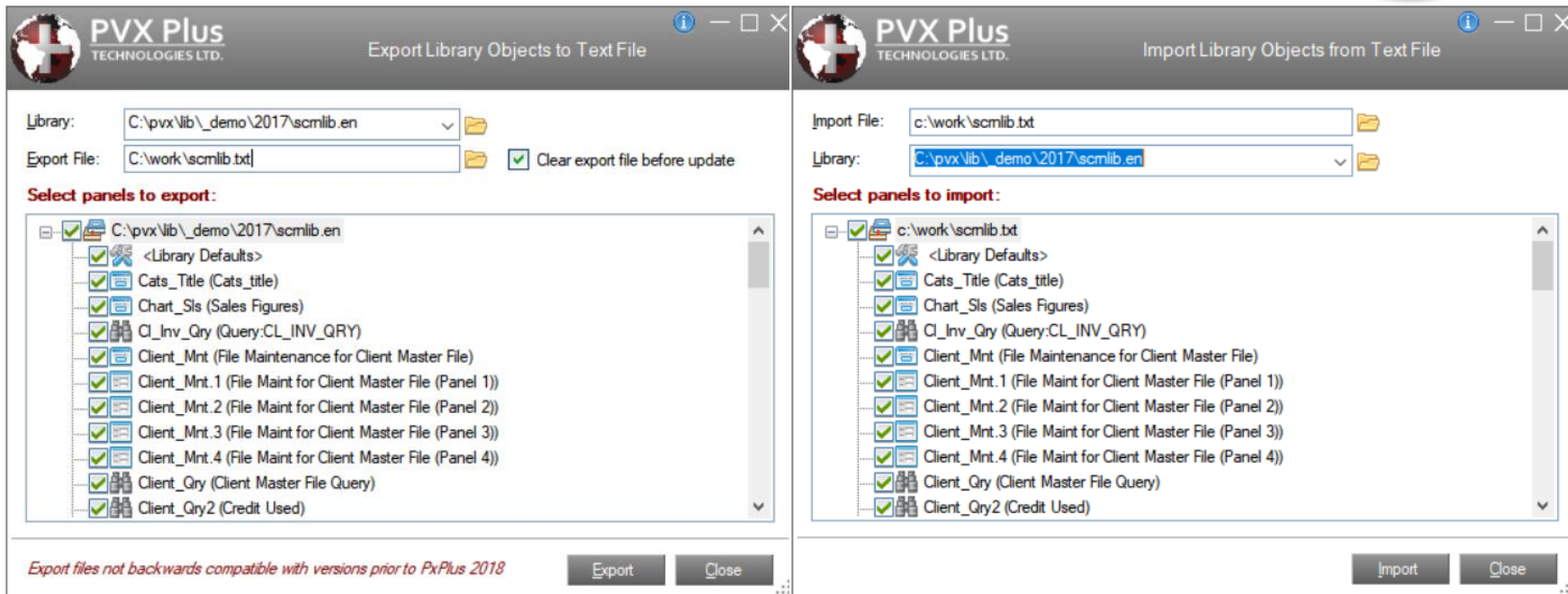
- Starts up Ezweb Server and runs your panel

# NOMADS Panel Designer

## Library Object Selection Interface

- Updated Utilities:
  - *Import / Export* - **All** library types

2018



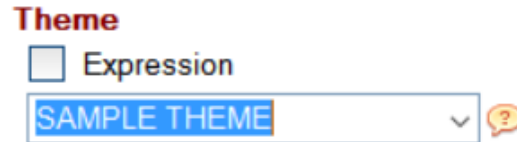
- New format

# NOMADS Panel Designer

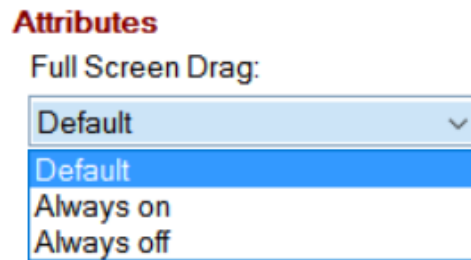
## Library Object Selection Screen

2017

- Library Defaults
  - Re-organized with new *Display* and *TitleBar* tabs
  - *Theme* added to **Font/Clr** tab



- *Full Screen Drag* added to **Display** tab
  - Default / Always On / Always Off
    - Default uses setting in **%NOMADS'Full\_Screen\_Drag**

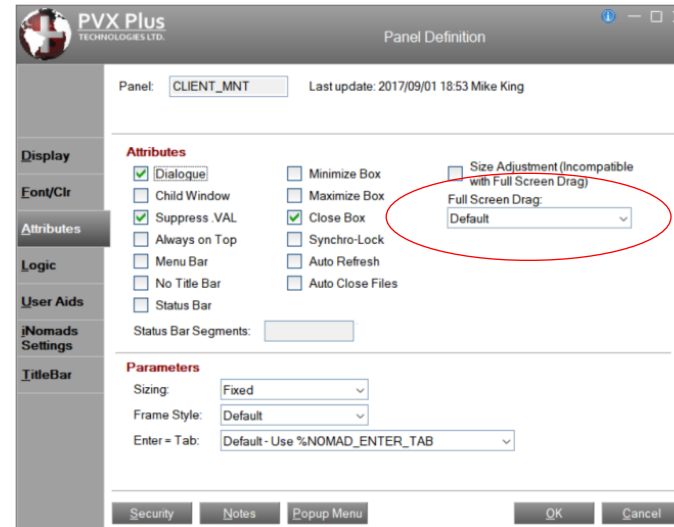
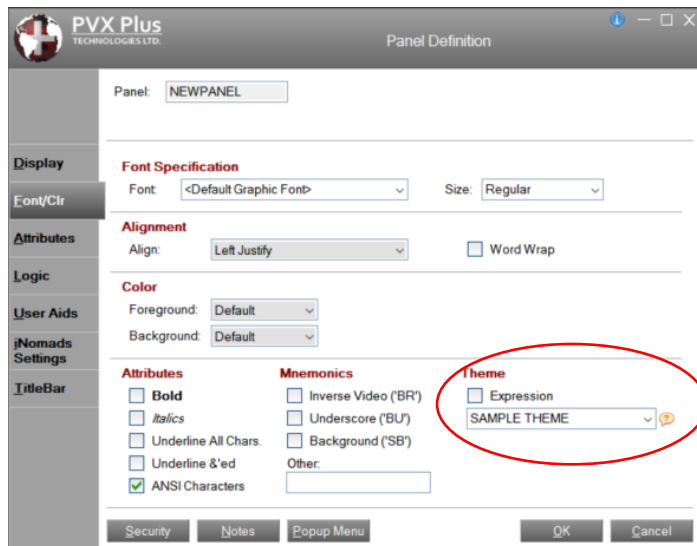


# NOMADS Panel Designer

## Panel Designer

2017

- Panel Header
  - *Theme* added to **Font/Clr** tab
  - *Full Screen Drag* added to **Attributes** tab
    - Default / Always On / Always Off
    - Default uses the existing default

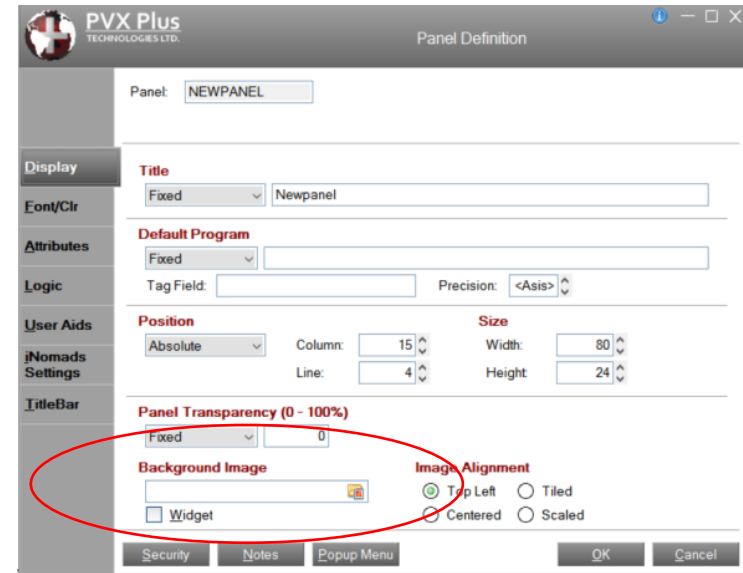
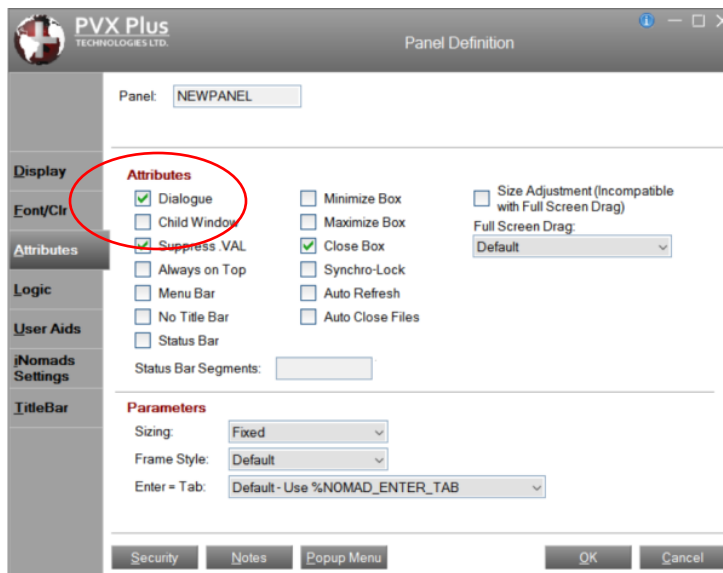


# NOMADS Panel Designer

## Panel Designer

2017

- Panel Header
  - *Dialogue* **Attribute** now defaults to ON
  - *Background Image* and *Image Alignment* moved to the **Display** tab (previously on **Font/Clr**)



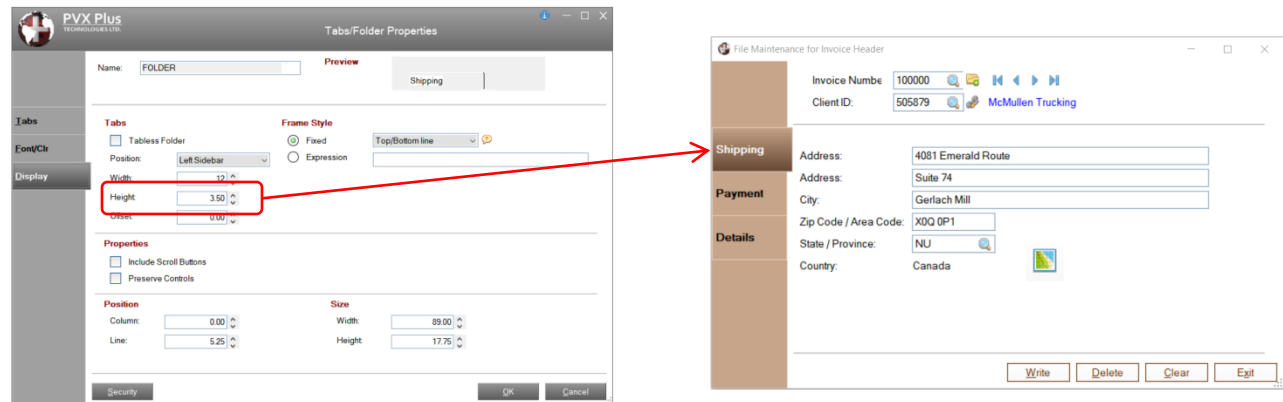


# NOMADS Panel Designer

## Panel Designer

2017

- Folders
  - Adjustable Height for Sidebar Folder Tabs



- Global setting
  - **%NOMADS'SidebarFolderTabHeight=N**
- Individual Folder setting
  - Specify *Height* on **Display** tab for *all* tabs on folder
- Will calculate to fit if too big
- If not specified, default is 2.5 lines

# NOMADS Panel Designer

## Panel Designer

2018

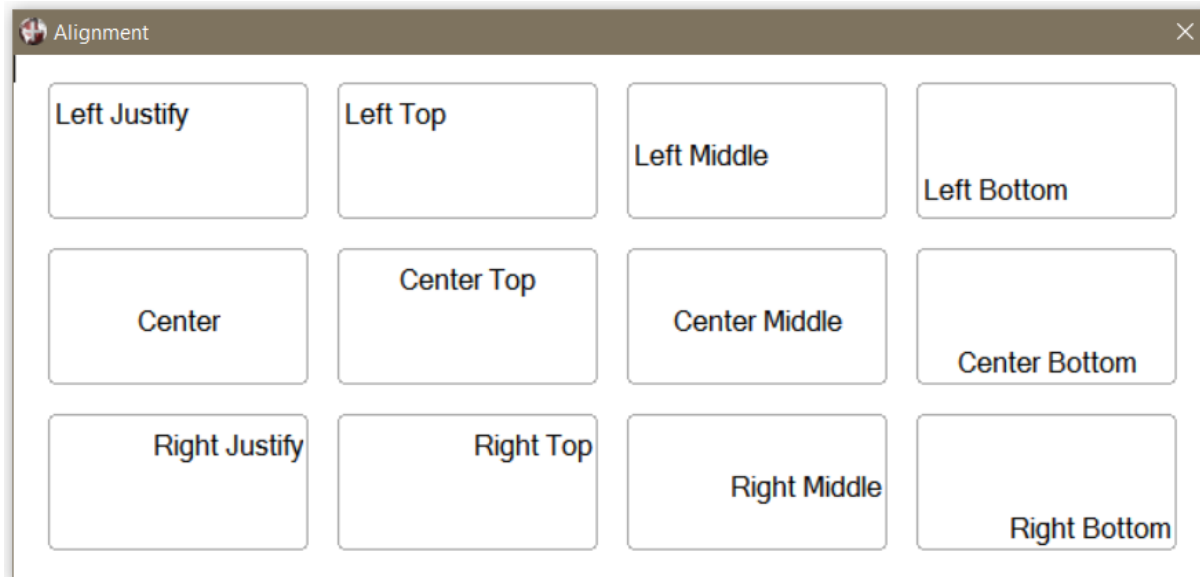
- Folders
  - Auto Advance
    - Determines if focus will automatically advance to the next folder when tabbing *forward* from the last control on a folder
    - Set globally using **%NOMADS'FolderAdvance**
      - 0 = Advance to main panel
      - 1 = Advance to next folder tab
      - 2 = Advance to first control on the next folder
    - Settings in **Tabs Definition** for specific folder:
      - Default – Based on the **%NOMADS'FolderAdvance** setting
      - Off – Advance to main panel
      - Advance to next folder tab
      - Advance to the first control on the next folder

# NOMADS Panel Designer

## Panel Designer

2017

- Fonted Text Control
  - Extended alignment
    - Horizontal and vertical alignment



# NOMADS Panel Designer

## Panel Designer

2018

- ReportView ListBox
  - Hotlink Columns
    - Displayed using colored text which is underlined when hovering

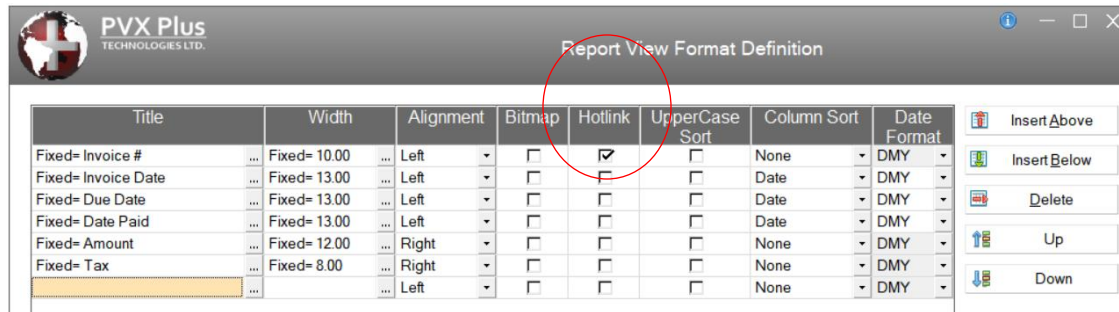
Invoice #	Invoice Date	Due Date	Date Paid	Amount	Tax
109629	23 May 2016	20 Jun 2016		\$1,386.25	180.21
<u>106970</u>	21 May 2016	18 Jun 2016		\$843.75	109.69
108458	05 May 2016	02 Jun 2016		\$238.75	31.04

- Can be used to invoke drill-down logic based on the column clicked.

# NOMADS Panel Designer

## Panel Designer

- ReportView ListBox
  - Hotlink Columns
    - Text color determined by setting **'OPTION'('StdLvueHotlinkClr',color\$)**
    - Column defined as *Hotlink* in **Format Definition**



- Add logic to *When Entry is Selected from List Box*
  - Use 'ColumnClicked' property to determine column
  - E.g. **IF invoices.ct1'ColumnClicked=1 THEN...**

# NOMADS Panel Designer

## Panel Designer

2018

- Grid Presets
  - New Properties:
    - HdrBackColor\$
    - HdrTextColor\$
    - HdrFont\$

The screenshot shows the CATS software interface for 'File Maintenance for Invoice Header'. It displays an invoice number of 100002 and a client ID of 890036 for 'Rusk Office Supplies'. Below this, there are sections for 'Shipping', 'Payment', and 'Details'. The 'Details' section contains a table with columns for Product, Item Description, Price, Qty, and Amount. A red arrow points to the right side of the table, specifically to the list box area.

	Product	Item Description	Price	Qty	Amount
1	VAN-1125-VIO	Camper Van - Violet	8.50	25	\$212.50
2	CAR-3310-RED	Compact Sedan - Red	8.75	5	\$43.75
3	SUV-2410-YLW	City Car SUV - Yellow	9.50	5	\$47.50
4	CAR-4214-RED	2Dr Sedan - Red	10.25	5	\$51.25
5	VAN-4111-ROS	Panel Van - Pale Rose	9.25	10	\$92.50
6	CAR-4413-SEA	4Dr Coupe - Seagreen	8.50	5	\$42.50
7	VAN-2121-BUR	Transport Van - Burgundy	9.00	10	\$90.00
8	SPR-1214-PNK	Sports Car - Fuschia	12.50	25	\$312.50
9	TRK-1113-LME	Pickup Truck - Lime	8.25	1	\$8.25

Lines: 11 Net Invoice: \$913.75

Buttons: Write, Delete, Clear, Exit

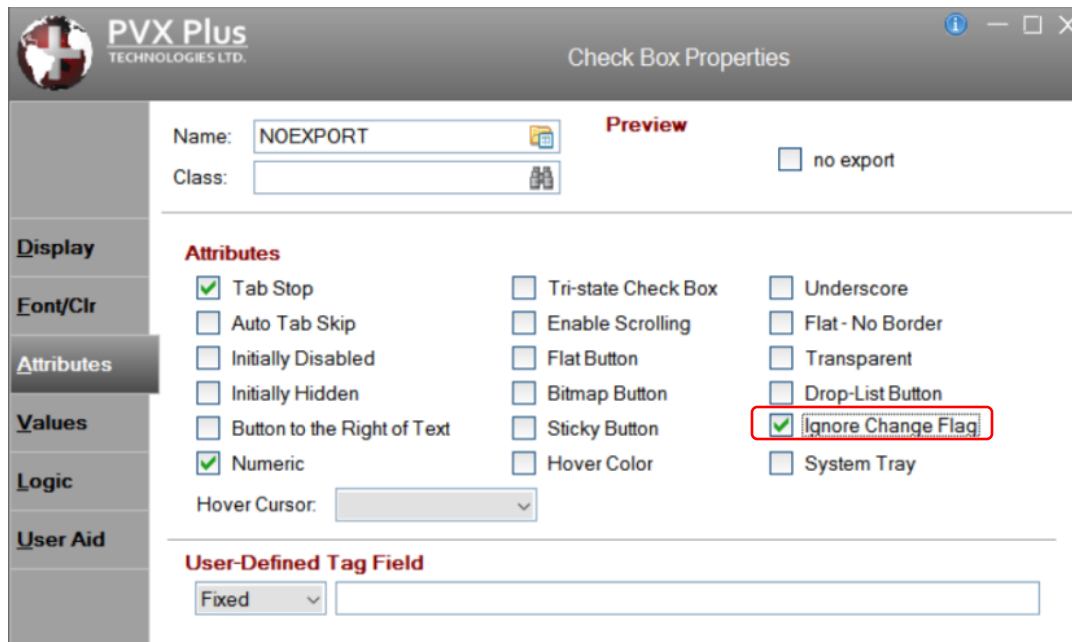
- Consistent with list boxes

# NOMADS Panel Designer

## Input Controls

2017

- Ignore Change Flag Attribute
  - Added to CheckBox, Radio Button, Multi-Line, Listbox, DropBox, Grid and Chart controls



- Prevents the NOMADS **CHANGE\_FLG** from being incremented when a control undergoes *ON\_CHANGE* logic
  - Turns on the **CtlName.NOCHANGE** variable (i.e. =1)

# NOMADS Panel Designer

## Panel Designer

2017

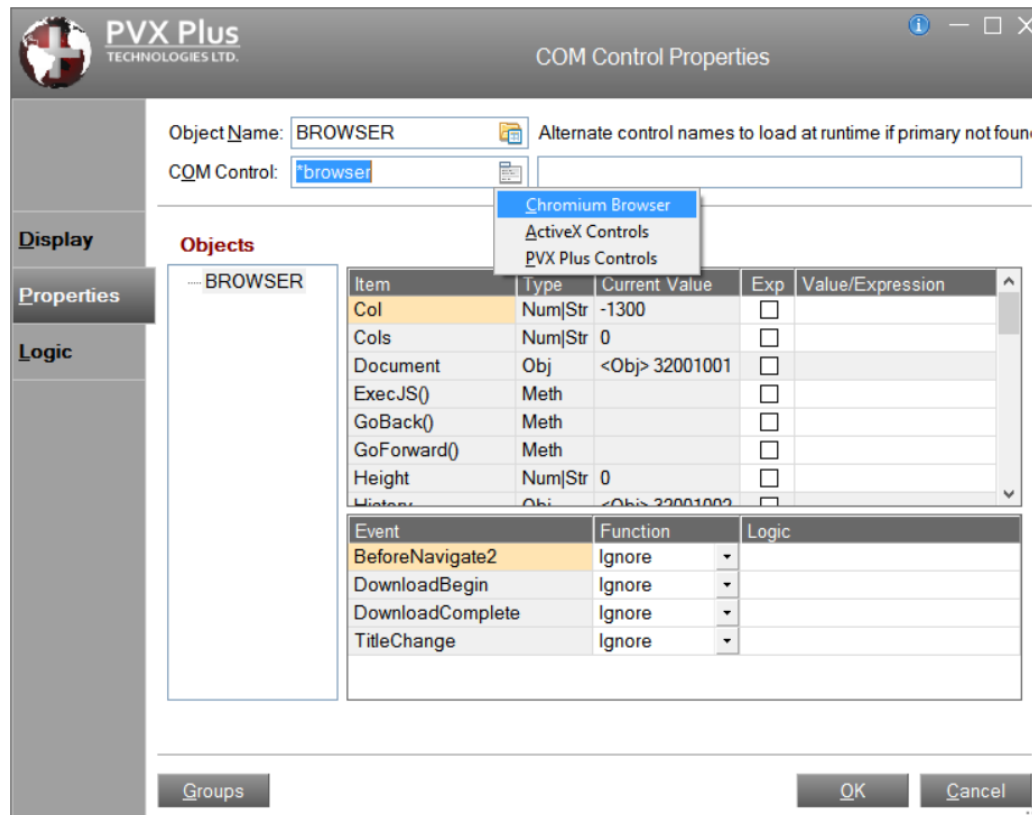
- COM Control
  - New type of COM Control - \*BROWSER
    - *Chromium Browser*
      - Built into PxPlus (nothing extra to install)
      - Easy to use for loading and interacting with web sites
      - Usage is similar to Internet Explorer (Shell.Explorer)
        - Shares the most common properties, methods and events
        - Drop-in replacement for IE
      - Not prone to version changes
      - Web standards compliant



# NOMADS Panel Designer

## Panel Designer

- COM Control - \*BROWSER



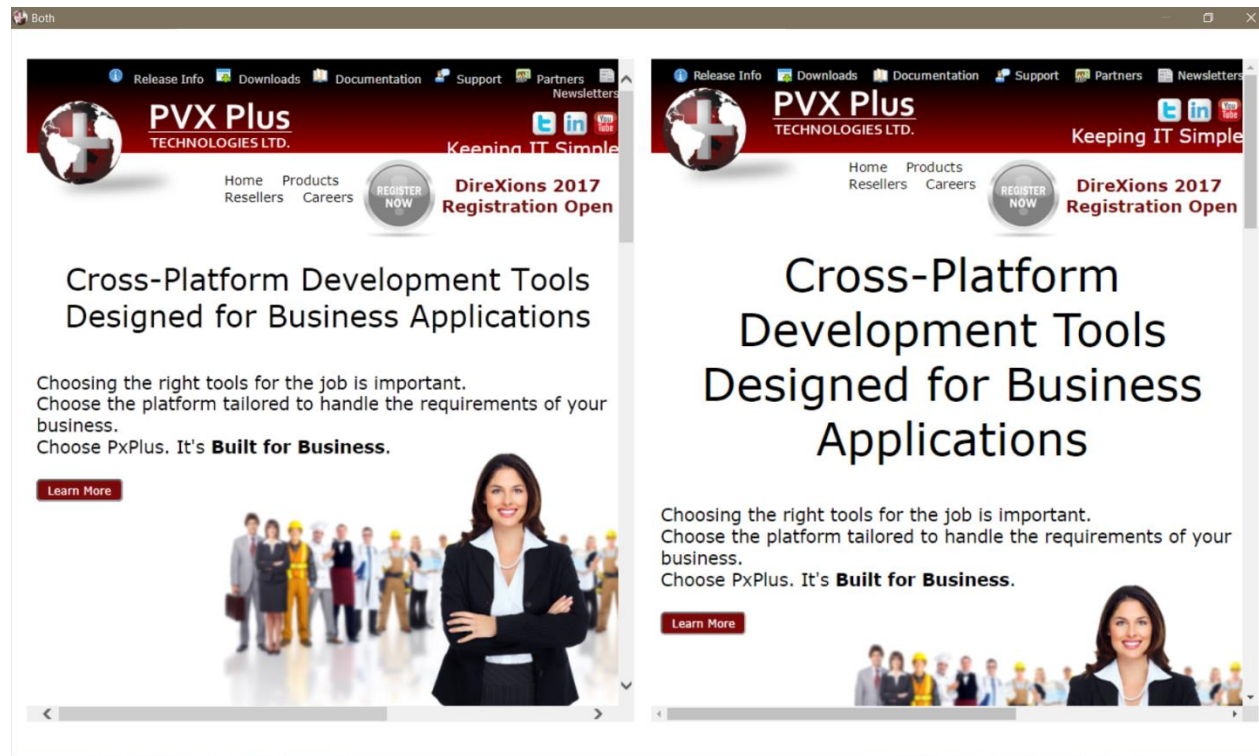
# NOMADS Panel Designer

## Panel Designer

- COM Control - \*BROWSER

*Shell.Explorer*

*Chromium*



# What's New in NOMADS

## Panel Designer

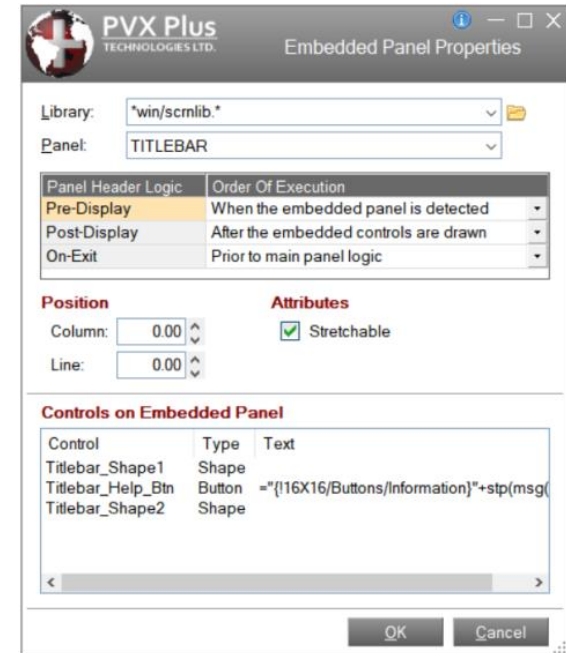
- COM Control - \*BROWSER
  - Used by NOMADS browser interfaces
    - Google Maps, TinyMCE HTML Editor, Non-native Charts, IDE Help, Ed+
- **For more details on \*BROWSER see the *Web Browser Control PDF*.**

# NOMADS Panel Designer

## Panel Designer

2018

- Embedded Panels
  - Embedded Panel Properties
    - Controls on the embedded panel are displayed when panel selected
    - Duplicate controls detected when embedded panel assigned
  - User-Defined CTLs now supported
  - Embedded panel controls included in Dependency Definition of main panel



# NOMADS Panel Designer

## Panel Designer



2018

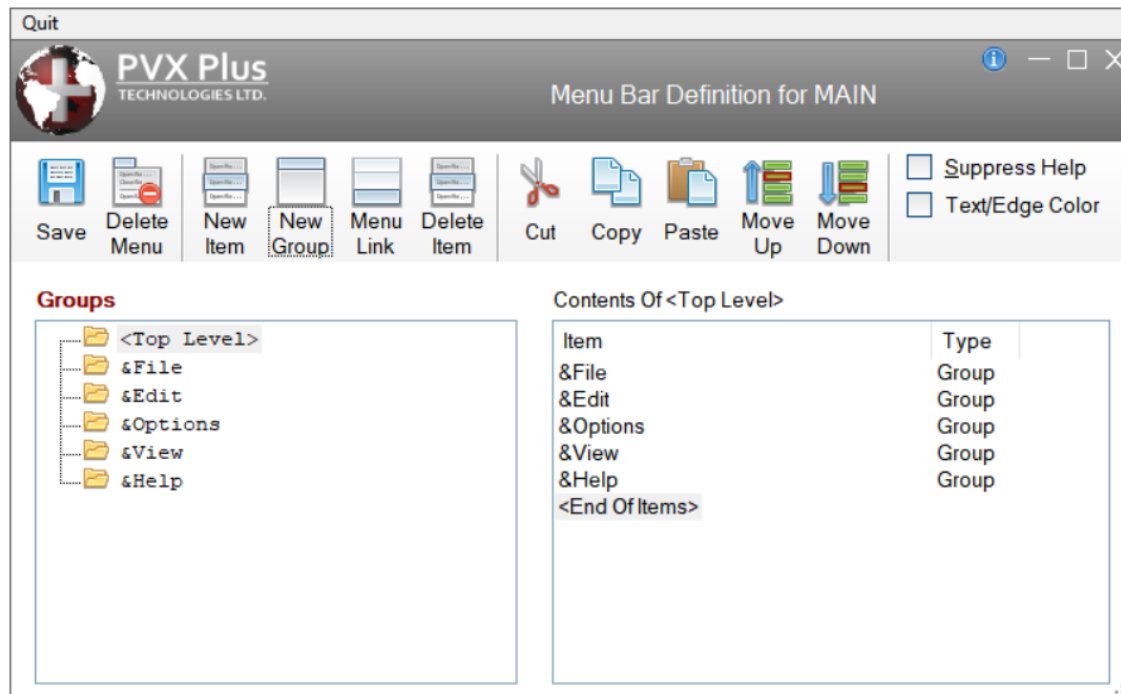
- Embedded Panels
  - Embedded panels included in tabbing sequence
    - Controls on embedded panels are grouped together in tabbing sequence
    - Tab Stop Assigned
      - Embedded panel controls inserted into sequence of main panel at the assigned tab stop
    - Tab Stop Not Assigned
      - Legacy behavior
        - Embedded panel controls placed in tab sequence based on location of embedded panel on main panel

# NOMADS Panel Designer

## Panel Designer

2018

- Menu Bar Definition
  - Check for *Menu Bar* attribute on panel when saving a menu bar definition



Set Header Menu Bar Attribute?



The Menu Bar Definition has been updated but the panel header record does not have the 'Menu Bar' attribute set.

Would you like to set the 'Menu Bar' attribute?

Yes

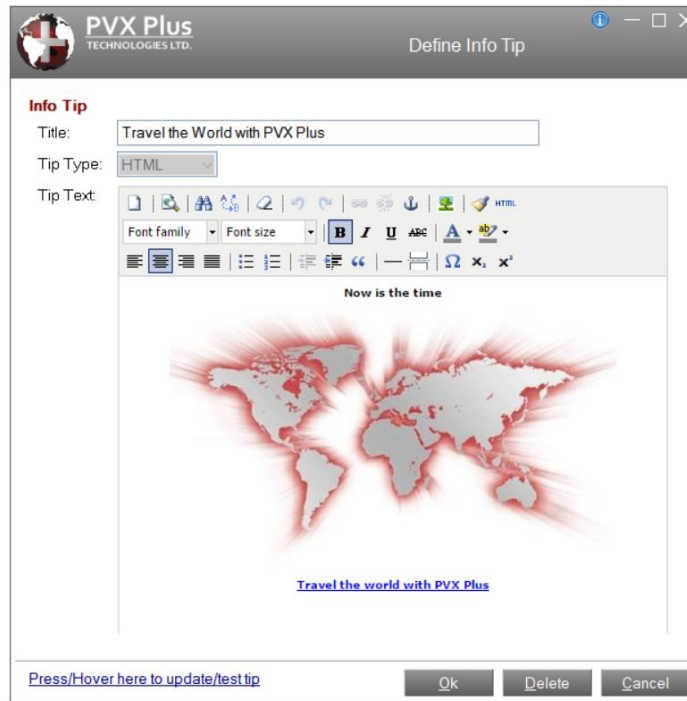
No

# NOMADS Panel Designer

## Panel Designer

- Info Tips
  - Easier to create HTML Info Tips
  - Create HTML Info Tips using the TinyMCE HTML editor

2017



# NOMADS Panel Designer

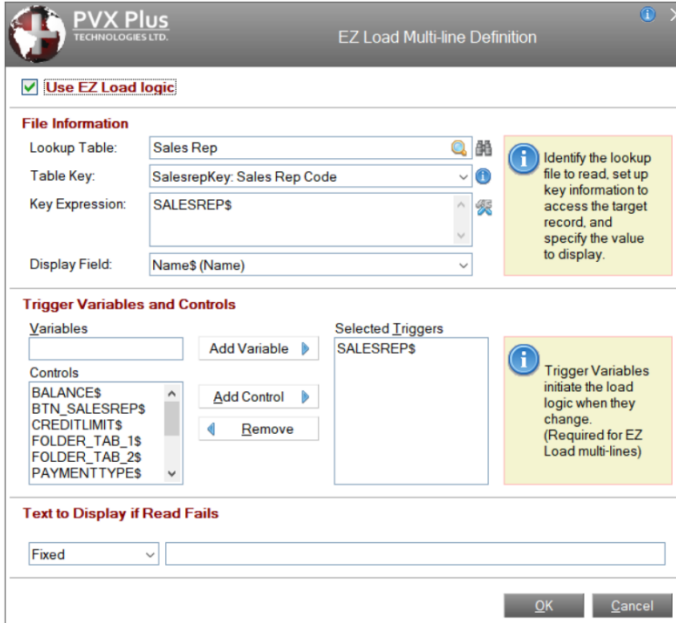
## Panel Designer

2018

- EZ Load Multi-Lines
  - Multi-line auto-loads based on the value of another control or variable

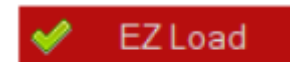
Sales Rep Id:    Robert (Bob) LeChat

- Similar to Smart Multi-lines in function
  - Easier to define – One stop definition



The screenshot shows the 'EZ Load Multi-line Definition' dialog box in PVX Plus. It includes a 'Use EZ Load logic' checkbox, 'File Information' section with fields for Lookup Table, Table Key, Key Expression, and Display Field, a 'Trigger Variables and Controls' section with lists for Variables, Controls, and Selected Triggers, and a 'Text to Display if Read Fails' section. The 'Key Expression' field contains 'SALESREP\$' and the 'Selected Triggers' list also contains 'SALESREP\$'. The 'Controls' list includes 'BALANCE\$', 'BTN\_SALESREP\$', 'CREDITLIMIT\$', 'FOLDER\_TAB\_1\$', 'FOLDER\_TAB\_2\$', and 'PAYMENTTYPE\$'. The 'Text to Display if Read Fails' section has a dropdown set to 'Fixed' and an empty text input field. 'OK' and 'Cancel' buttons are at the bottom.

### Load Options



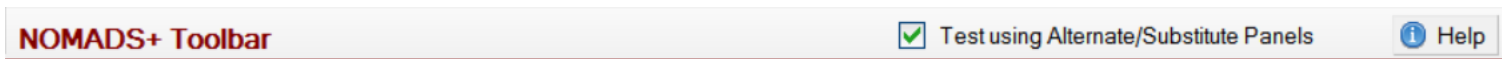
Available in base product



# NOMADS Panel Designer

## Panel Designer

- Testing Substitute and Alternate Panels
  - Originally:
    - When editing a panel, testing involved the panel being edited only
    - To test Alternate or Substitute panel logic, you had to back out to the **Library Object Selection** screen
  - Now:



- If Alternate or Substitute panels are associated with the panel being edited, a *Test using Alternate / Substitute Panels* check box is displayed
  - Indicator that Alternate or Substitute panels are defined for the panel
  - Allows you to enable/disable Alternate/Substitute panel logic when testing

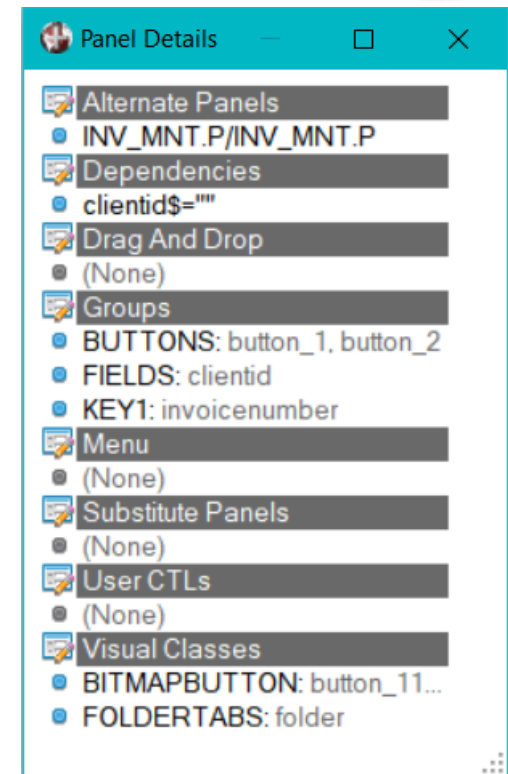
2017

# NOMADS Panel Designer

## Panel Designer

- Designer Summary Screen
  - *Panel Details* menu item
    - Alternate Panels
    - Dependencies
    - Drag and Drop
    - Groups
    - Menu
    - Substitute Panels
    - User CTLS
    - Visual Classes
  - Titles are clickable
  - Direct access to utilities

2018

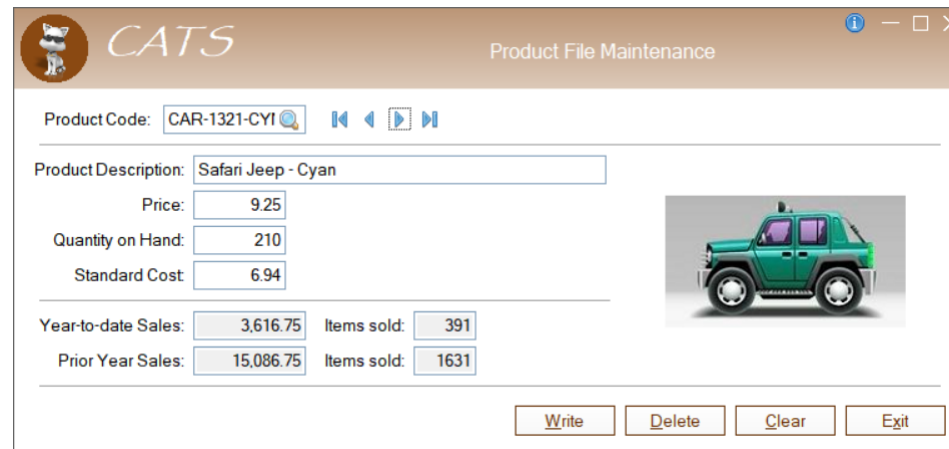


# NOMADS Panel Designer

## Custom Title Bars

2017

- Custom Title Bar
  - Customize the look and feel of your application by designing your own title bar



- Can contain logos, text, shapes, controls, logic
- Can suppress the Windows title bar
- Create your own *System Menu*, *Minimize*, *Maximize/Restore* and *Close* buttons and put them wherever you want

# NOMADS Panel Designer

## Custom Title Bar

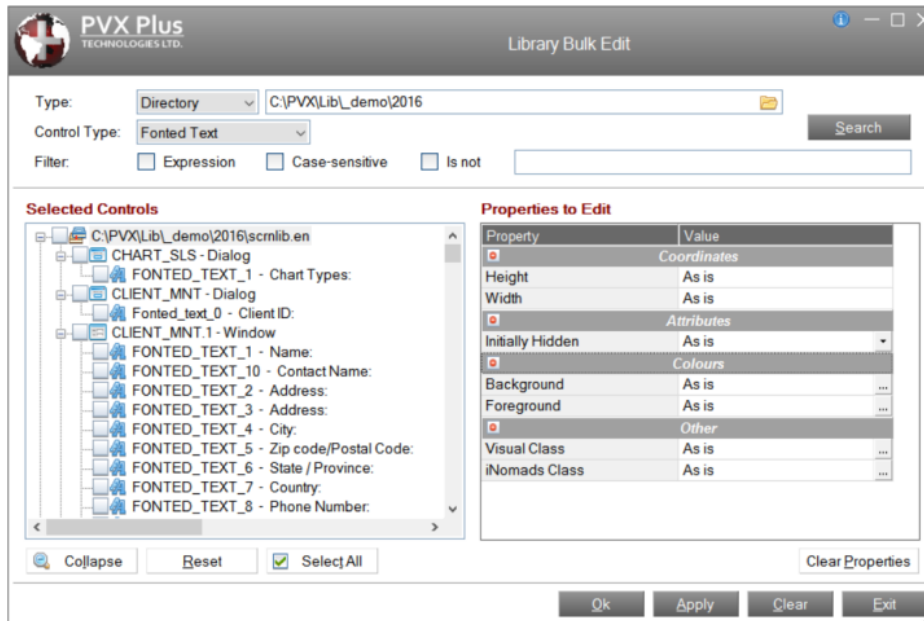
- NOMADS only feature
  - *iNomads* uses a Template to do this (and more)
- **For more details on designing, creating, assigning and displaying custom title bars see the *Visual Classes and Themes PDF***

# NOMADS Panel Designer

## The Designer

- Library Bulk Edit Utility

2017



- Apply changes simultaneously to multiple panels in multiple libraries
- Select control types
- Set up filters
- **For more details see the [What's New in the Toolset PDF](#)**

# Additional Resources

The help link(s) below refer to the current on-line help pages. The functionality may have been further updated since the PxPlus 2018 (version 15) release.

- [Library Object Selection – Details](#)
- [Library Object Selection - iNomads](#)
- [Library Import/Export](#)
- [Library Defaults](#)
- [Panel Header](#)
- [Folder Controls](#)
- [Fonted Text Control](#)
- [Report View List Box](#)
- [Grid Presets](#)
- [COM Control](#)
- [Embedded Panels](#)
- [Menu Bar](#)
- [Info Tips](#)
- [EZ Load Multi-Line](#)
- [Alternate Panels](#)
- [Custom Title Bars](#)
- [Library Bulk Edit](#)