

PeopleSoft nVision

SOAIS

Putting Customer First

Highlights

- ❖ Introduction
- ❖ Common Terminology
- ❖ Tree Manager

Introduction

- PS/nVision retrieves information from the PeopleSoft database and places it into a Microsoft Excel spreadsheet
 - PS/nVision selects data from your PeopleSoft database using ledgers, trees, and queries.
 - As tree data can be used to limit the query results, some knowledge on nodes and detail values is required.
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Common Terminology

The following are a few terminologies used in nVision:

- ❖ Account
 - ❖ Ledger
 - ❖ Timespan
 - ❖ Tree Manager
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Common Terminology

❖ **Account:**

- Account is a representation of money under a specific category
- All transactions are recorded against different accounts

❖ **Ledger:**

- A record of all accounting transactions that are monetary in nature
 - Gives a summary picture of the transactions
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Common Terminology

❖ TimeSpan

Navigation:

Setup Financials/Supply Chain → Calendars/Schedules → TimeSpans

TimeSpans

SetID: SHARE TimeSpan: BAL Description:

Start Year: *Start Year Type:

Start Period: *Start Period Type:

End Year: *End Year Type:

End Period: *End Period Type:

Calendar ID: Hewitt Monthly Calendar

Include Balance Forward

Tree Manager

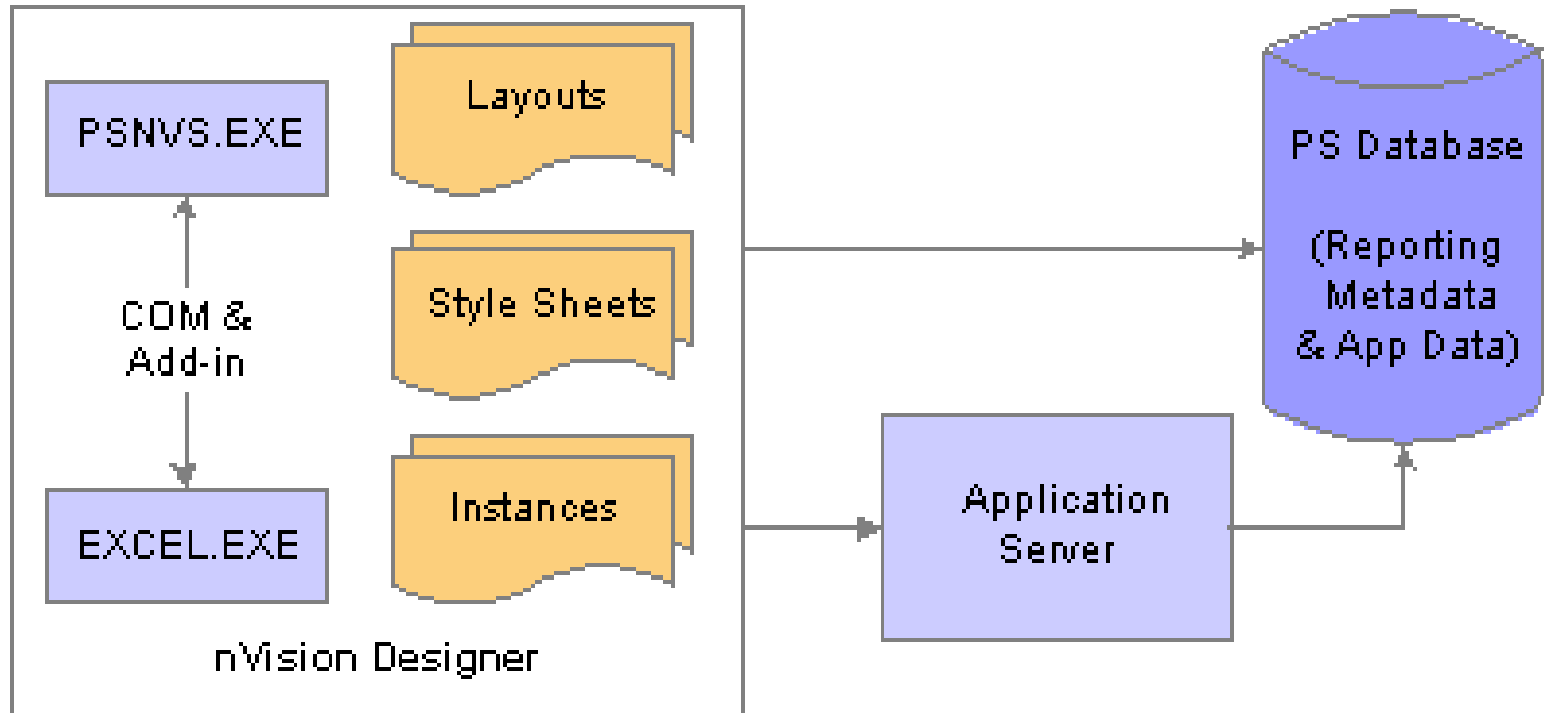
Tree Manager:

A tool used to graphically represent data to depict hierarchy

Why Trees are used in Reporting:

Trees are useful in generating reports that summarize results for a particular division or region

nVision Architecture



PS/nVision offers two kinds of report layouts:

- ❖ **Tabular layouts** are simpler than matrix layouts. They use a query defined in PeopleSoft Query to retrieve data. The columns in the report correspond to the fields returned by the query; the rows in the report correspond to the rows in the query result set. You can specify a heading row, a first result row, and a totals row (if you need one).
- ❖ **Matrix layouts** have data selection criteria based on the intersection of columns and rows in the spreadsheet, creating a criteria matrix. The data retrieved for an individual cell is determined by a combination of the criteria for its column and its row. Unless you are specifying a query in the matrix layout, all matrix layouts must have at least one TimeSpan, at least one ledger, and at least one ChartField as criteria.

nVision features:

- Works with Ledger
 - Works with Timespan
 - Works with Queries
 - Works with Effective Dates
 - Works with Trees
 - Supports Related Language Records
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PS/nVision-Specific Terms :

- ❖ nVision menu - NVSUSER
 - ❖ Layout
 - ❖ Scope
 - ❖ Report Request
 - ❖ Report Book
 - ❖ Drilldown
 - ❖ Options
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nVision Components:

- ❖ **Layout:** Is the Excel sheet where all nVision related definitions are specified.
 - ❖ **Scope:** A report scope allows you to create multiple instances of a report using a single report layout .
 - ❖ **Report Instance :** Is the output that is received after running the nVision Report Request using the Layout.
 - ❖ **Report Book:** A record of all accounting transactions which are monetary in nature
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More on nVision Components

WHICH? WHEN? WHERE?

WHAT?

Layout

Income Statement

FOR WHOM?

Scope

US001

US003

Report Request

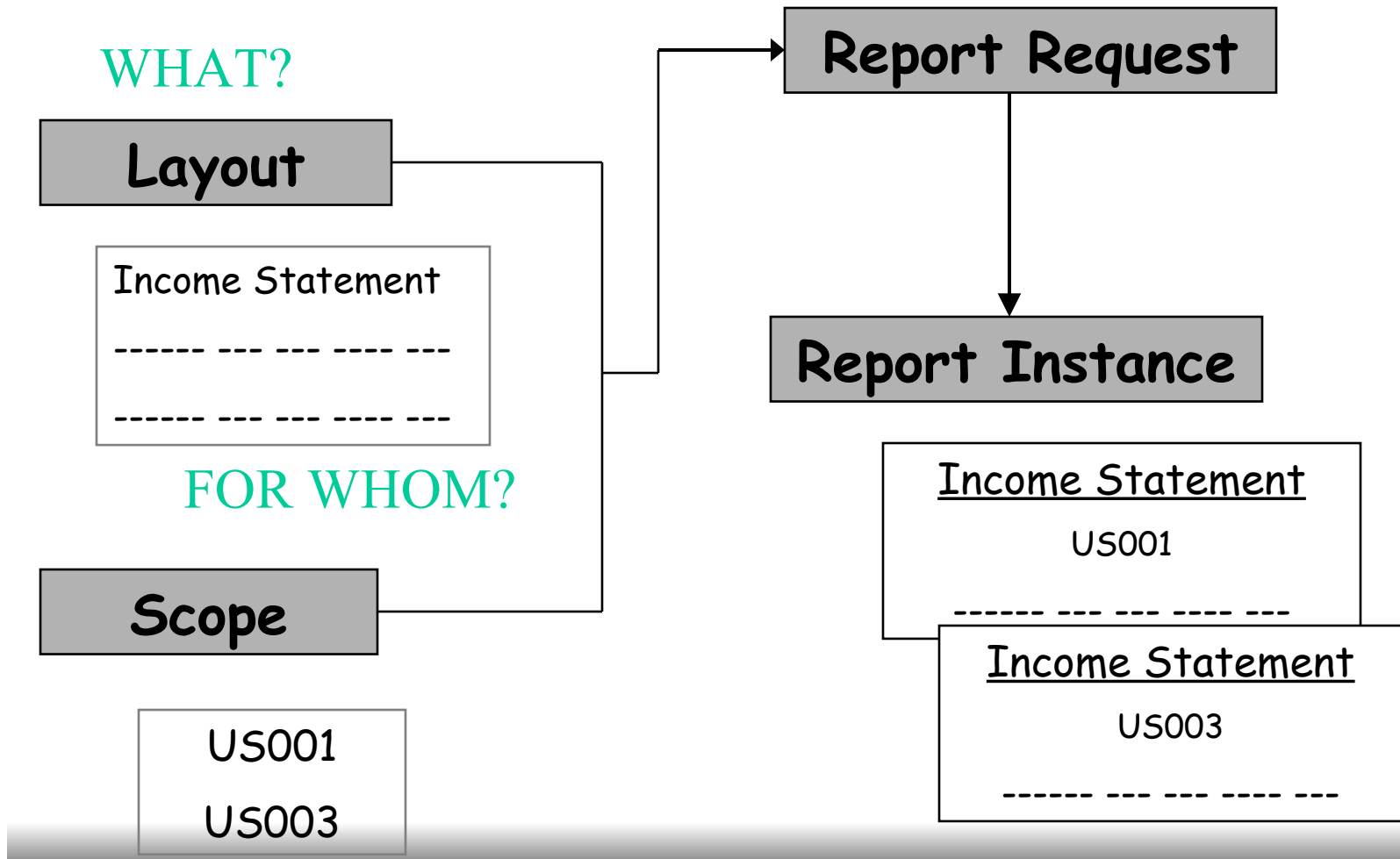
Report Instance

Income Statement

US001

Income Statement

US003



More on nVision Components - NVUSER

The screenshot displays the nVision interface within a Microsoft Excel window. The main window title is "VP1's Personal PS/nVision HomePage". On the left, there is a vertical navigation menu with the following items: Actions, Open Report, Open Scope, Open Layout, Personalize nVision, Report Preferences, Menu, Toolbar, and Add Buttons. The main content area shows two overlapping dialog boxes: "Run Report(s)" and "View Report(s)".

The "Run Report(s)" dialog box has a "Category" dropdown set to "MONTHLY" and a list of reports:

Report Name	Business Unit
ADHOC	US001
BALANCE	US001

The "View Report(s)" dialog box shows a list of report files:

- C:\User\NVision\Instance\xls
- C:\User\NVision\Instance\10000.xls
- C:\User\NVision\Instance\10500.xls
- C:\User\NVision\Instance\105000.xls
- C:\User\NVision\Instance\13000.xls
- C:\User\NVision\Instance\14000.xls
- C:\User\NVision\Instance\31000.xls
- C:\User\NVision\Instance\41000.xls

Overlaid on these is the "Personal Report Settings" dialog box, which includes fields for "Business Unit" (US001), "Category" (MONTHLY), and a "From List" of report categories. The "To List" contains: BYGRADE, PDFV, BENEFITS, ADHOC, and BALANCE.

In the foreground, the "PS/nVision Button Wizard - Step 1 of 3" dialog box is open. It contains the following text and options:

This Wizard will help you personalize your button settings, by creating a button to run, or view any nVision report.

Button Action
Please choose the action you wish to perform:

- Run a Report
- View a Report

Buttons at the bottom: Cancel, < Back, Next >, Finished.

At the bottom of the Excel window, the taskbar shows the Start button and several open applications, including "Nurfin...", "Vanti...", "Micro...", "Explo...", "Defin...", "Temp...", "Peopl...", "E802...", "Micr...", "PS/n...", and "Sign...". The system clock shows 12:43 PM.

More on nVision Component – Report Request

On the Client

This is the Which, When and Where.

- Which Business Unit you want to use
- To which directory you want to send your report instance
- For which date or period you want the report to run

Request ID

Request Name: NPLOSION
Report Title: nplosion

Requesting Business Unit US001 ? **Layout** test_nplosion ?

Instance Controls

Scope: ?
Directory Template:
File Template: %RID%.xls
Language Template:
Email Template:
Description Template:
Security Template:

Output Option

Type: File
Format: Microsoft Excel Files (*.xls)

Main As Of Date

Today's Date
 Specify: 11/30/2000
 From Business Unit Table

Options

Enable nPlosion If Specified In Layout
 Data From Requesting Business Unit Only
 Translate Summary Ledgers to Detail

As Of Date for Trees

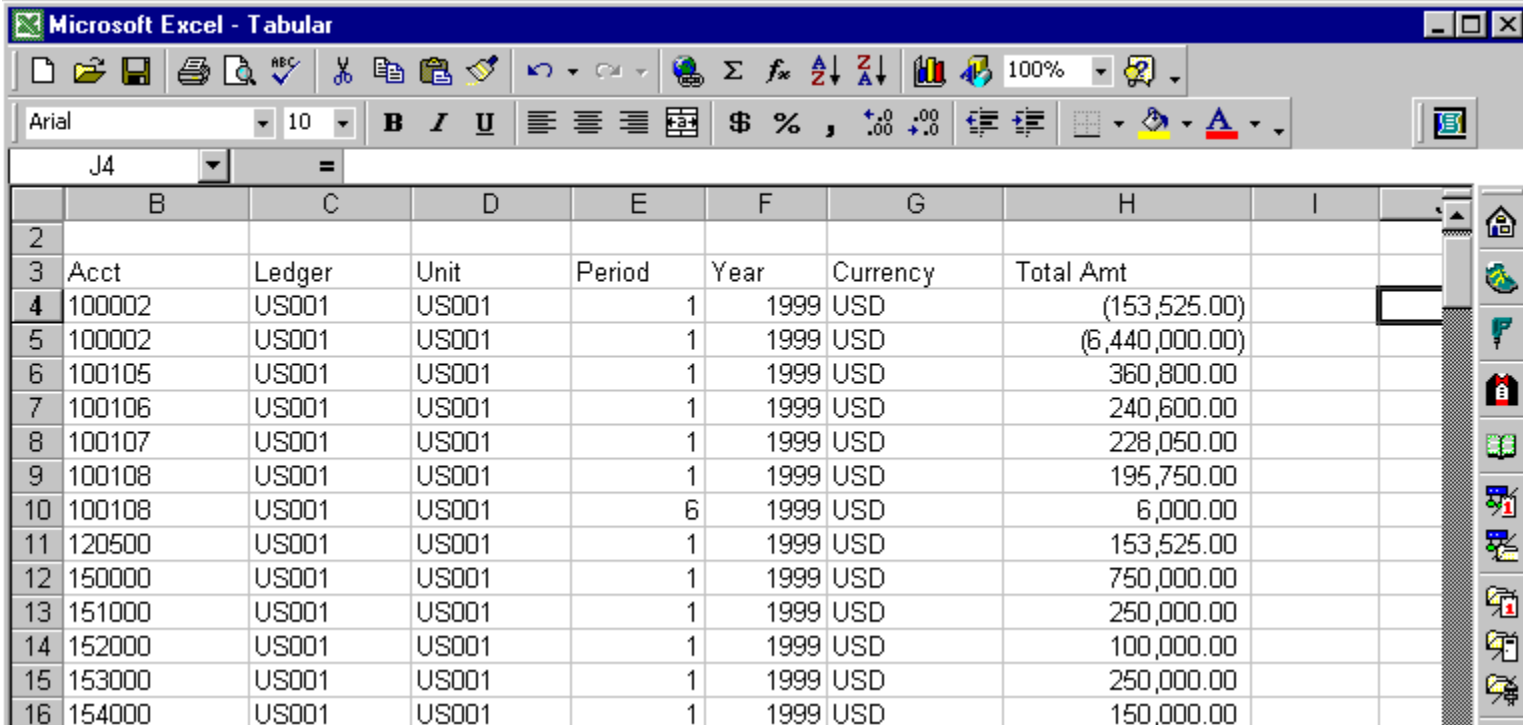
Use Main As Of Date
 Specify:

Buttons: OK, Cancel, Run, New, Open, Save, Delete

Example of Matrix Layout

E	C	D	E	F	G
<i>Bus. Unit:</i> US001		US001 NEW YORK OPERATIONS			
<i>Report ID:</i> BALANCE		Balance Sheet			
<i>Layout:</i> BALANCE		1999-12-31			
Assets			Liabilities & Stockholders' Equity		
<i>Current Assets</i>			<i>Current Liabilities</i>		
Cash		-6,593,525	Accounts Payable		2,350,000
Receivable		0	Notes Payable		0
Inventories		0	Accrued Liabilities		2,858,500
Prepaid Expenses		0	Income Tax Payable		0
Other Current Assets		1,259,725	Other Current Liabilities		190,000
Total Current Assets		-5,333,800	Total Current Liabilities		5,398,500
<i>Long Term Assets</i>			<i>Long-Term Liabilities</i>		
Land, Buildings and Improvements		750,000	Deferred Income Taxes		0
Furniture, Fixtures and Other		950,000	Other Liabilities and Deferred Credits		0
Leasehold Improvements		100,000			
Less Accumulated Depreciation		0			
Other Long Term Assets		500,000			
Total Assets		2,300,000	Total Long-Term Liabilities		0
			<i>Shareholders' Equity</i>		
			Shareholders' Equity		0
			Additional Paid-in Capital		0
			Retained Earnings		-8,032,300
			Total Stockholders' Equity		-8,032,300
Total Assets		-3,033,800	Total Liability & Stockholders' Equity		-2,633,800

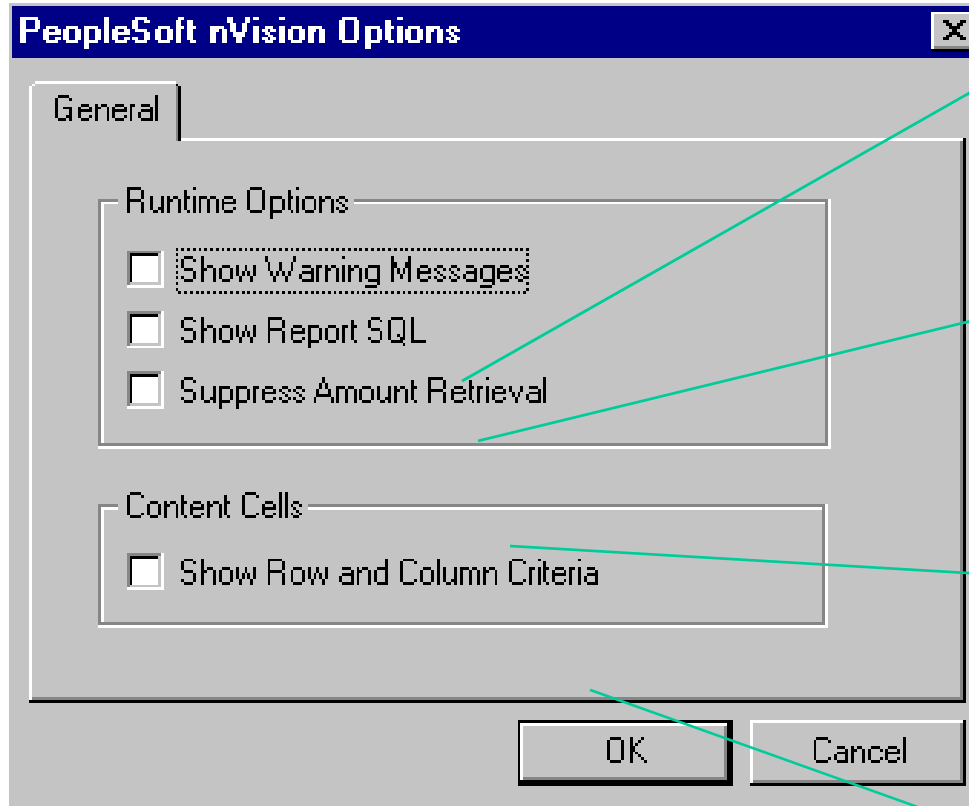
Example of Tabular Layout



The screenshot shows a Microsoft Excel window titled "Microsoft Excel - Tabular". The spreadsheet contains a table with the following data:

	B	C	D	E	F	G	H	I
2								
3	Acct	Ledger	Unit	Period	Year	Currency	Total Amt	
4	100002	US001	US001	1	1999	USD	(153,525.00)	
5	100002	US001	US001	1	1999	USD	(6,440,000.00)	
6	100105	US001	US001	1	1999	USD	360,800.00	
7	100106	US001	US001	1	1999	USD	240,600.00	
8	100107	US001	US001	1	1999	USD	228,050.00	
9	100108	US001	US001	1	1999	USD	195,750.00	
10	100108	US001	US001	6	1999	USD	6,000.00	
11	120500	US001	US001	1	1999	USD	153,525.00	
12	150000	US001	US001	1	1999	USD	750,000.00	
13	151000	US001	US001	1	1999	USD	250,000.00	
14	152000	US001	US001	1	1999	USD	100,000.00	
15	153000	US001	US001	1	1999	USD	250,000.00	
16	154000	US001	US001	1	1999	USD	150,000.00	

nVision Options :



- To show the normal warning messages displayed by nVision, for example: overwriting an existing file.

- To display the SQL calls as the report runs. Very useful in debugging complex reports.

- Allows you to quickly test nVision Variables, scope, instances or Microsoft Excel formatting. It will not extract data from database.

- Allows you to see the contents of row 1 and column A.

Reporting on the Web:

❖ Output Types

- File
- Printer
- Email
- Web (Report Manager)

❖ Output Format

- XLS
- HTML

❖ Both specified on the Report Request

❖ Can be overridden on Process Request

About SOAIS

SOAIS is a provider of Enterprise IT and Process outsourcing solutions. Since its inception SOAIS has expanded at a tremendous pace and has garnered customers from both mid-market segment and Fortune 100 companies. We have experience in managing ERP applications as well as in providing high value services around packaged enterprise applications such as PeopleSoft and Oracle. Our experience in the business process outsourcing area fully extends our services footprint to provide end to end enterprise wide solutions.

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