Financial Services Analytics – ZOOM

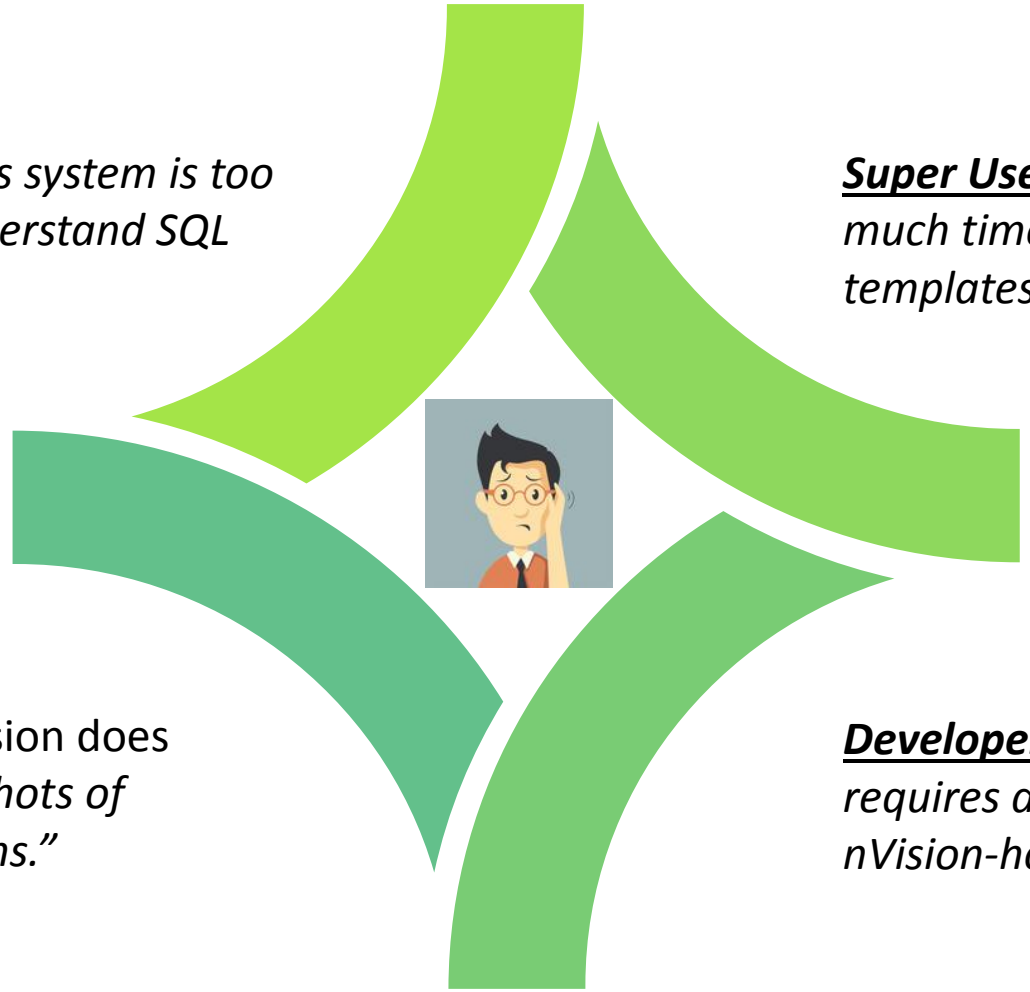
Simplified and Enhanced Financial Reporting and Analytics

A powerful, feature-laden, reporting tool and an alternative to PS/nVision

PeopleSoft PS/nVision – Common Complaints

Financial Analyst *– "This system is too complicated. I don't understand SQL and I'm not a techie!"*

Super User *– "I am spending too much time developing report templates."*



Decision Makers – "nVision does not provide *quick snapshots of KPI charts and bar graphs."*

Developer *– "Complex distribution requires a lot of development, Macros, nVision-hooks etc."*

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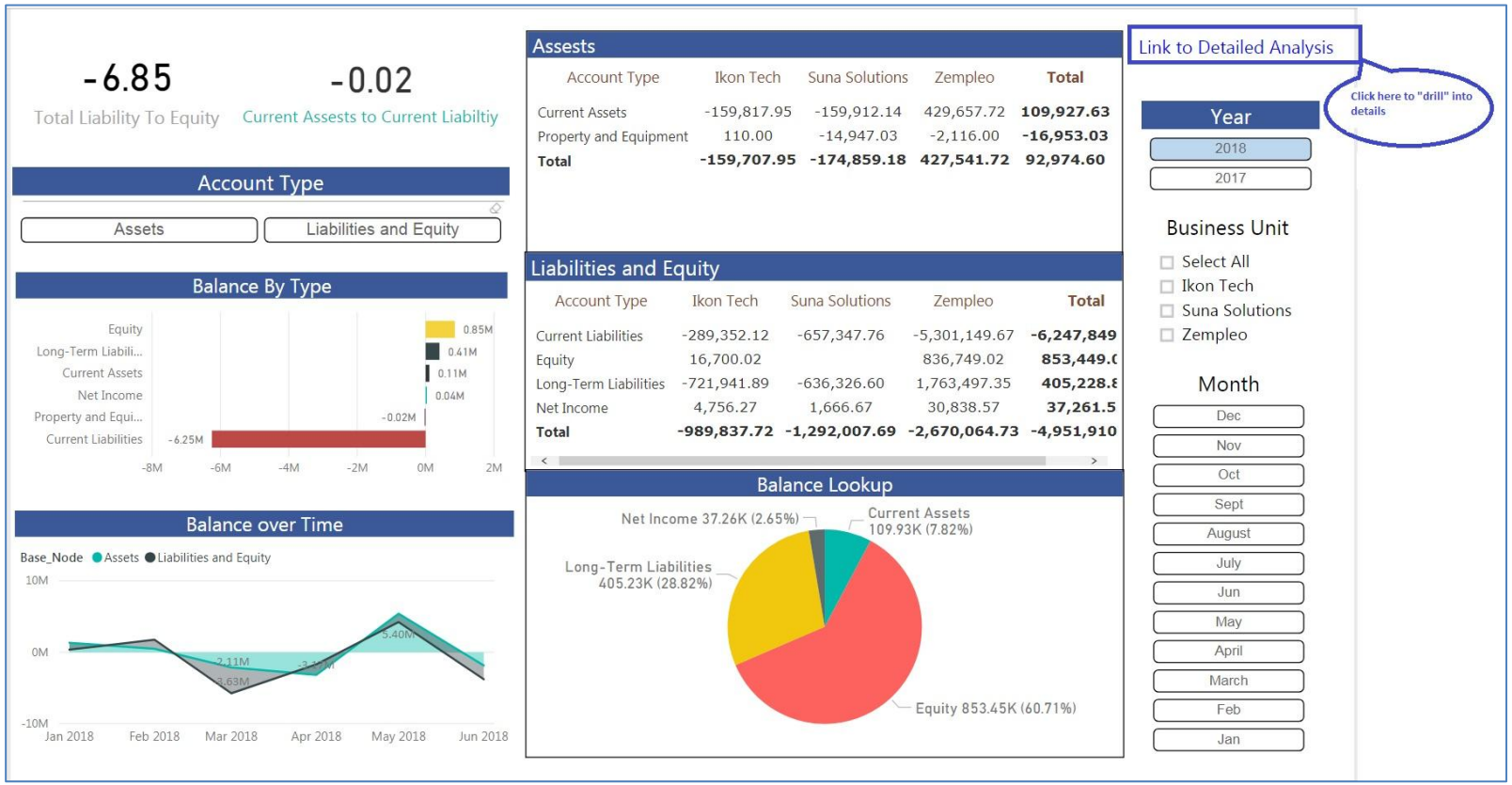
Why ZOOM? - Analytics at Your Fingertips

- **Explore Balance Sheet, Profit & Loss reports** with built-in filtering.
- Visualize balances by parent group and sub-category.
- Easily drill through to **Journal and Voucher Accounting Line**.
- Build any **KPI**'s from **PeopleSoft Finance, HCM and Student** application data.



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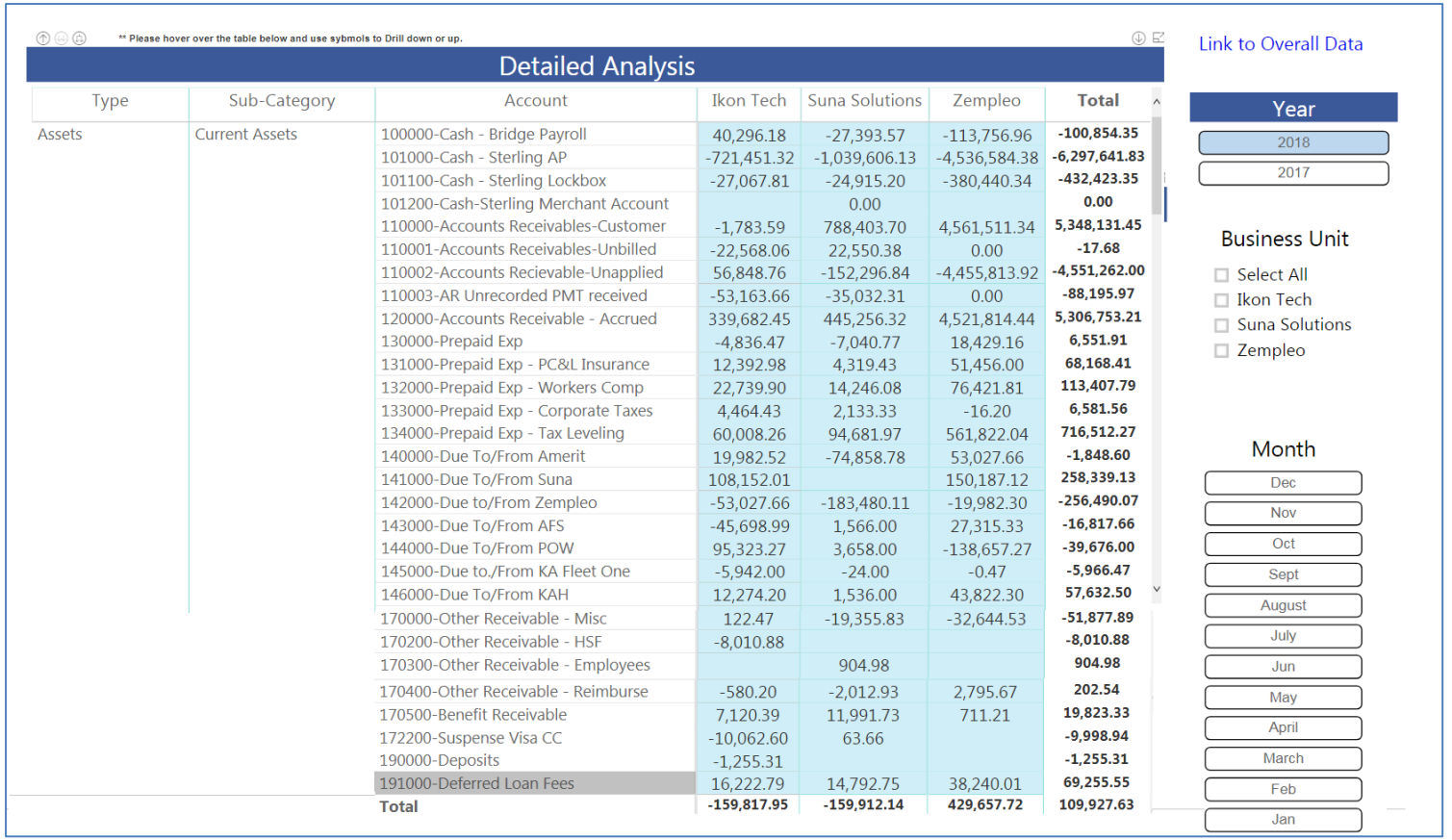
Detailed Reporting at Your Fingertips

- Explore detailed analytics with account, Budget and Prior Year comparisons.
- Highlight rows of interest.
- Automatically generate balance sheet row and column totals.
- Easily drill up to summary dashboard.



Type	Sub-Category	Account	Ikon Tech	Suna Solutions	Zempleo	Total
Assets	Current Assets	100000-Cash - Bridge Payroll	40,296.18	-27,393.57	-113,756.96	-100,854.35
		101000-Cash - Sterling AP	-721,451.32	-1,039,606.13	-4,536,584.38	-6,297,641.83
		101100-Cash - Sterling Lockbox	-27,067.81	-24,915.20	-380,440.34	-432,423.35
		101200-Cash-Sterling Merchant Account		0.00		0.00
		110000-Accounts Receivables-Customer	-1,783.59	788,403.70	4,561,511.34	5,348,131.45
		110001-Accounts Receivables-Unbilled	-22,568.06	22,550.38	0.00	-17.68
		110002-Accounts Recievable-Unapplied	56,848.76	-152,296.84	-4,455,813.92	-4,551,262.00
		110003-AR Unrecorded PMT received	-53,163.66	-35,032.31	0.00	-88,195.97
		120000-Accounts Receivable - Accrued	339,682.45	445,256.32	4,521,814.44	5,306,753.21
		130000-Prepaid Exp	-4,836.47	-7,040.77	18,429.16	6,551.91
		131000-Prepaid Exp - PC&L Insurance	12,392.98	4,319.43	51,456.00	68,168.41
		132000-Prepaid Exp - Workers Comp	22,739.90	14,246.08	76,421.81	113,407.79
		133000-Prepaid Exp - Corporate Taxes	4,464.43	2,133.33	-16.20	6,581.56
		134000-Prepaid Exp - Tax Leveling	60,008.26	94,681.97	561,822.04	716,512.27
		140000-Due To/From Amerit	19,982.52	-74,858.78	53,027.66	-1,848.60
		141000-Due To/From Suna	108,152.01		150,187.12	258,339.13
		142000-Due to/From Zempleo	-53,027.66	-183,480.11	-19,982.30	-256,490.07
		143000-Due To/From AFS	-45,698.99	1,566.00	27,315.33	-16,817.66
		144000-Due To/From POW	95,323.27	3,658.00	-138,657.27	-39,676.00
		145000-Due to,/From KA Fleet One	-5,942.00	-24.00	-0.47	-5,966.47
		146000-Due To/From KAH	12,274.20	1,536.00	43,822.30	57,632.50
		170000-Other Receivable - Misc	122.47	-19,355.83	-32,644.53	-51,877.89
		170200-Other Receivable - HSF	-8,010.88			-8,010.88
		170300-Other Receivable - Employees		904.98		904.98
		170400-Other Receivable - Reimburse	-580.20	-2,012.93	2,795.67	202.54
		170500-Benefit Receivable	7,120.39	11,991.73	711.21	19,823.33
		172200-Suspense Visa CC	-10,062.60	63.66		-9,998.94
		190000-Deposits	-1,255.31			-1,255.31
		191000-Deferred Loan Fees	16,222.79	14,792.75	38,240.01	69,255.55
		Total	**-159,817.95**	**-159,912.14**	**429,657.72**	**109,927.63**

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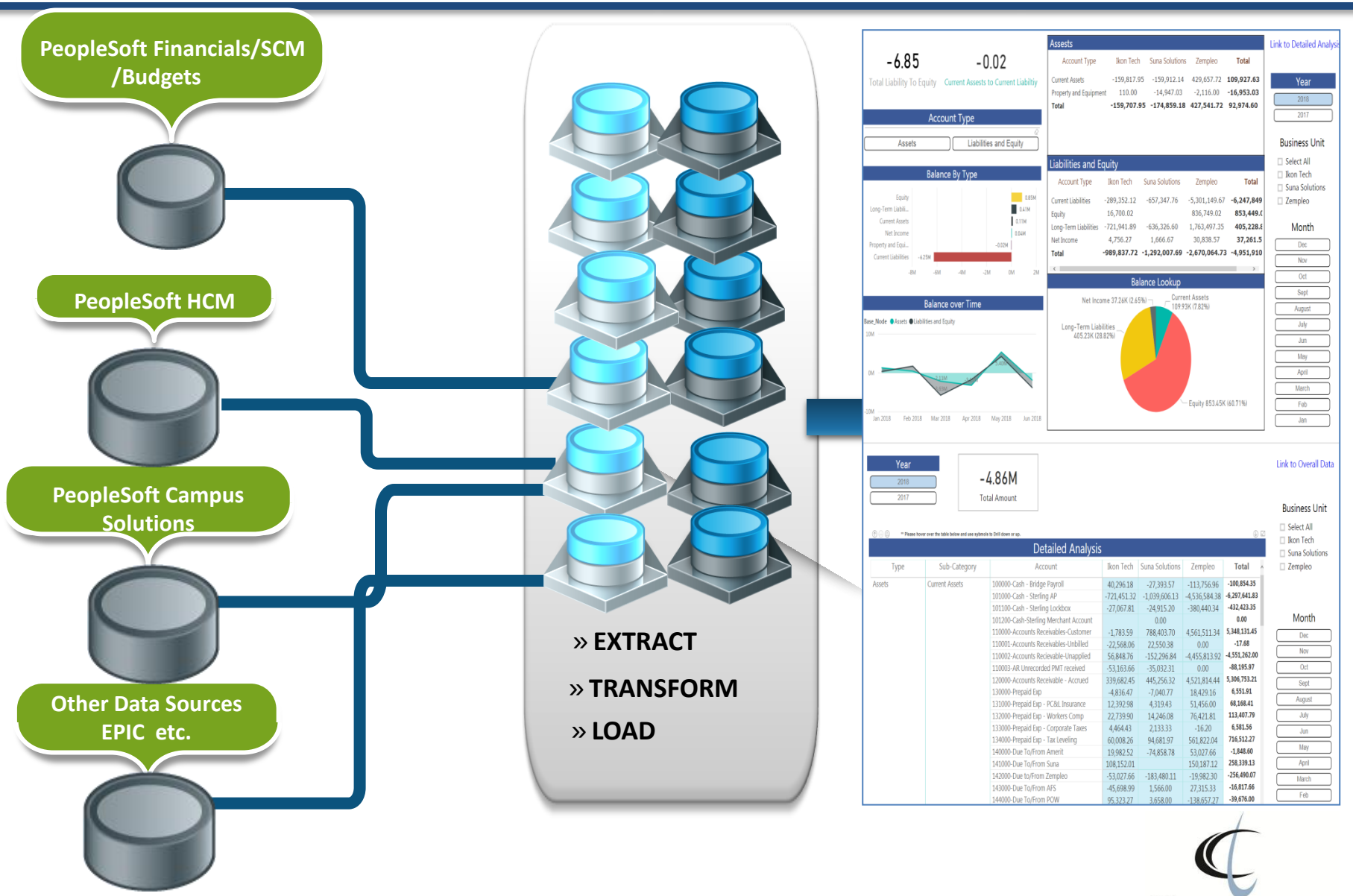
ZOOM Architecture

ZOOM a Pre-Built Data Warehouse for PeopleSoft and E-Business

- The solution includes a multidimensional data warehouse and Microsoft Power BI user interface. On-line analytical processing (OLAP) is implemented using a Star Schema design.
- Extract, transport and load (ETL) programs will automatically pull information from Peoplesoft General Ledger, Voucher Accounting Lines, Tree Structure and Tree.
- This robust architecture enables a quick, simple implementation requiring little additional maintenance while providing a complete BI solution immune to Peoplesoft upgrades.



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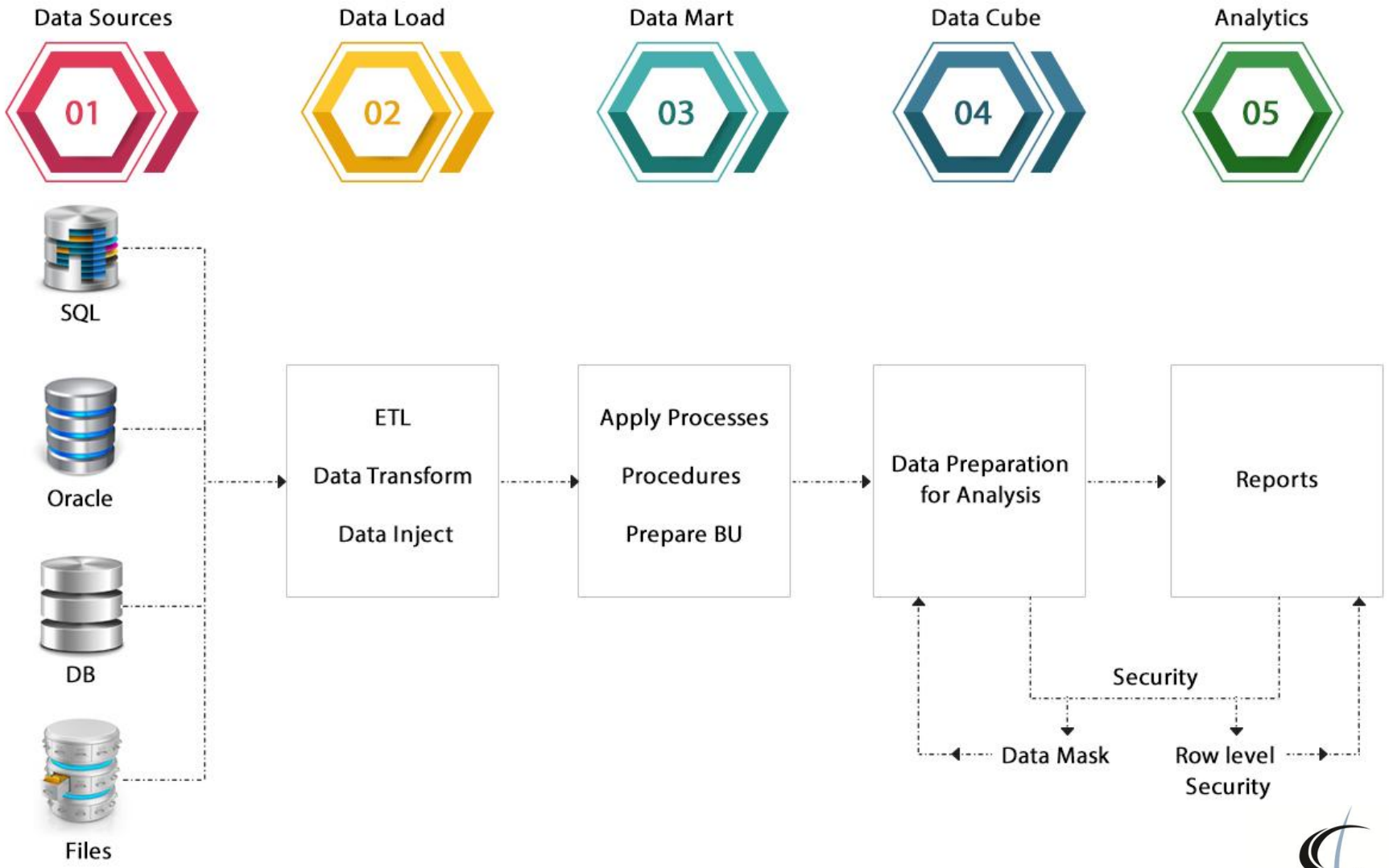
ZOOM Architecture (contd..)

- **Data Source: PeopleSoft Financials**
- **PeopleSoft data can be sourced from:**
  - **SQL Server**
  - **Oracle Database**
  - **DB2**
  - **Files**
- **Analytics are built on Microsoft POWERBI**
- **Will replicate PeopleSoft Business Unit, Dept (and or Operating Unit) security.**



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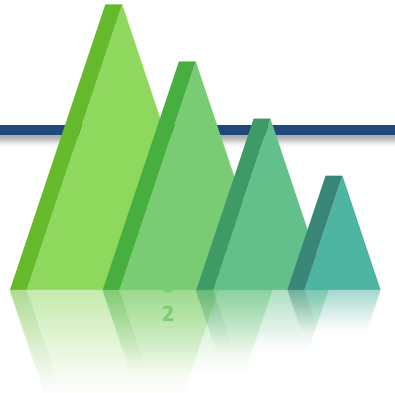
PS/nVision vs. ZOOM



ZOOM	nVision
ZOOM provides a much needed alternative to PS/nVision.	Configuring PS/nVision is a complicated multi-step process involving creating schedules, layouts, drill-downs and report distributions.
Easy-to-implement, intuitive business intelligence (BI) solution.	Analysts require skill and expertise in ledgers, trees and PeopleSoft nVision Matrix and Tabular Layout design concepts.
Delivers built in visualizations of balance sheet data, Profit & Loss in multiple dimensions.	Super Users (Financials Analysts) need PS Query concepts, as well as database and structured query language (SQL) concepts.
Provides a less expensive and less complex solution for Journal and Voucher Accounting Line drills.	Multiple layouts need to be generated for summary transaction and drill down reports.
Provides summary reporting, transactional reporting and drill-through without the use of complex templates and report layouts.	Upgrades can cause testing and compatibility errors.
Requires no structured query language (SQL) knowledge.	
Can be expanded to any PeopleSoft Financial, HCM and Student Applications. Also can be plugged into EPIC or any other Applications & Data Sources.	

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PS/nVision vs. ZOOM

ZOOM

Set up	Setup Pre-Defined Data Warehouse Packages
Fit-Gap	Review Client's GL, Tree, Voucher table structures to the pre-defined data structures
Fit-Gap	Review and Refine ETL Programs to match client's table structures
Review	Review and Refine Data Marts, and Batch Processes to match client table structures
Review	Review Delivered layouts
Define	Create or Customize layouts based on the client system and requirements (*only if required*)
Define	Create or Customize Detailed Analytics Reports (*only if required*)
Set up	Set up security

PS/nVision

Set up	Set up PeopleSoft Configuration Manager
Define	Define directories for file types
Set up	Set up PeopleSoft Process Scheduler
Plan	Plan layouts
Create	Create layouts
Define	Define report scopes
Define	Define drilldowns
Define	Define nPlosion criteria
Define	Define report distributions
Set up	Set up security

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Benefits of the ZOOM Solution

Cost Effective

- Use your existing database license – there are no additional database licensing costs.
- There are no additional Power BI license costs for SQL Server users; Microsoft provides free licensing to Power BI.

Simple & Effective

- Intuitive interface is easy to use; analysts spend more time analyzing with less frustration.
- View summary and detail data using an intuitive, Power BI dashboard.
- OLAP processing and BI interface ensure consistent and reliable reporting results.
- OLAP Star Schema design optimizes reporting and analytics performance.
- Insulate analytics and reporting from PeopleSoft upgrades.

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Build versus Buy

Build

- Time to design, build, test and implement is measured in months/years
- High risk of failure
- High maintenance costs
- Increase in training costs for staff

Buy

- No time required for design, short implementation time
- Low risk of failure
- Low maintenance costs
- Utilize existing staff skill base

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