

CONNX SOLUTIONS For OpenVMS

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CONNX Group – Mobilize.Net

AGENDA FOR TODAYS PRESENTATION

- Overview
- CONNX Products
- CONNX Data Access for RMS, Rdb, DBMS & more
- CONNX Data Virtualization for RMS, Rdb, DBMS
- CONNX Data Replication for RMS, Rdb, DBMS
- Video Demo
- Q&A

MOBILIZE.NET – CONNX PARTNERSHIP:

- Technology Partner & Reseller focused in North America
- Strong working relationship with OpenVMS customers requiring application modernization and data integration
 - OpenVMS Data Access
 - Data Replication
 - Application Modernization
 - VB6, Silverlight, PowerBuilder, Classic ASP, VB.NET, C#
- Help OpenVMS customers to enhance and integrate their applications to achieve additional business benefits
 - Reporting, Data Warehouse, Cloud

WHO IS CONNX

Founded in 1989

Started to allow access to
non-accessible data
sources



SEATTLE, WA

150+

 DBs/Platforms
SUPPORTED

DATA ACCESS

REPLICATION + MIGRATION
INTEGRATION + VIRTUALIZATION



3200+

CUSTOMERS & USERS
WORLDWIDE

Partner of Software
AG since

2004

CO-DEVELOPED

ADABAS
SQL GATEWAY &

EVENT REPLICATOR
FOR ADABAS ON LUW

SOLUTIONS

Acquired by Software AG
in 2016 for Data Integration



OPENVMS AND CONNX OVERVIEW

- CONNX has worked with over 7700 OpenVMS Customers over the past 20 Years
- Today we have approximately 3000 installations
- With over 900 installations on maintenance
- Examples of Current RMS Customers:
- ADL Systems, Aetna, GE, Icicle Seafood's, Karmak, Kids Peace, Miller Coors, Toys R US (Canada), Travel Centers,
- Over 120 Higher Educational Institutions like MSU,
- A large number of State and Local Governments, Government of British Columbia, State of HI, St of CT, St of New Jersey

CONNX SOLUTIONS CUSTOMERS



WORLDWIDE PARTNERS



CONNX dB SUPPORT

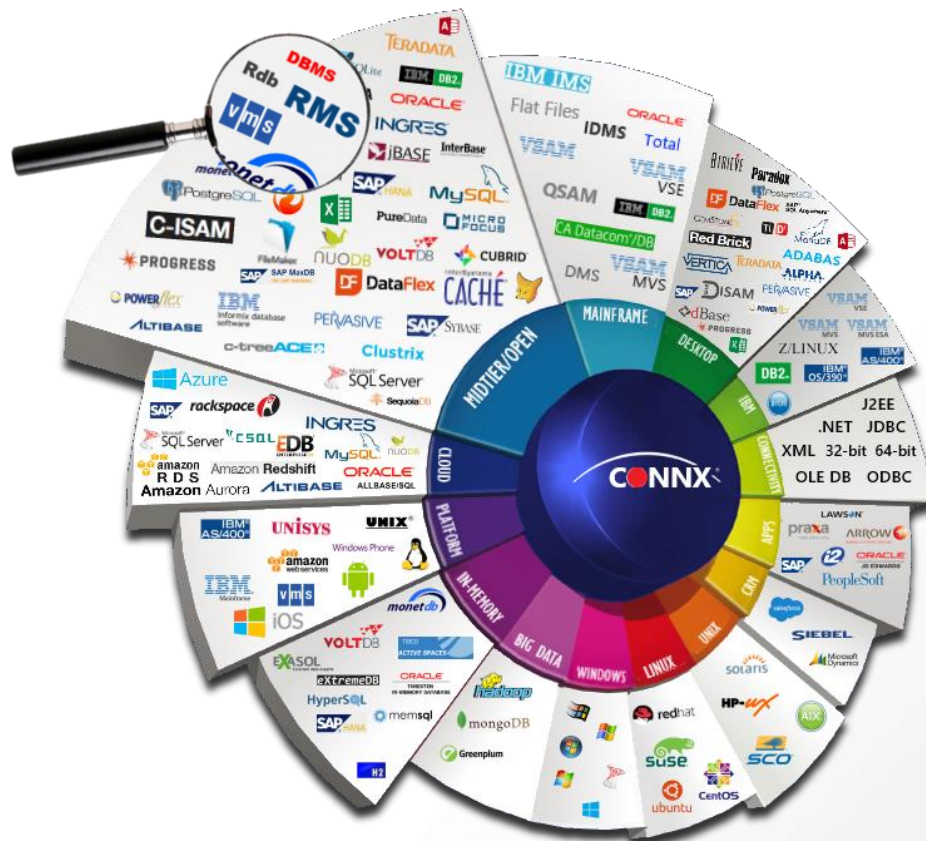
☐ MAINFRAME

☐ DESKTOP/CLOUD

☐ MIDTHIER/OPEN

☐ IN-MEMORY/BIG DATA

☐ OS/CRM/APPS



CONNX DB ADAPTER

Simplified SQL data access to more than 150 data sources:

- Adabas
- Amazon®
- Azure®
- C-ISAM®
- DataFlex®
- Hadoop®
- IBM DB2®
- Oracle®
- DBMS
- Rdb
- RMS
- SQL Server®
- VSAM™
- And more



Unlock enterprise data wherever it resides, and use it in real time

- Make better decisions by leveraging all of your data
- Respond faster with access to real-time data
- Avoid costs of data replication and consolidation
- Experience fewer data errors
- Put less stress on source systems workload

EXTEND OpenVMS WITH DATA ACCESS, VIRTUALIZATION, REPLICATION, AND MOBILE

DataSync

Near real-time, low-latency,
Change Data Capture

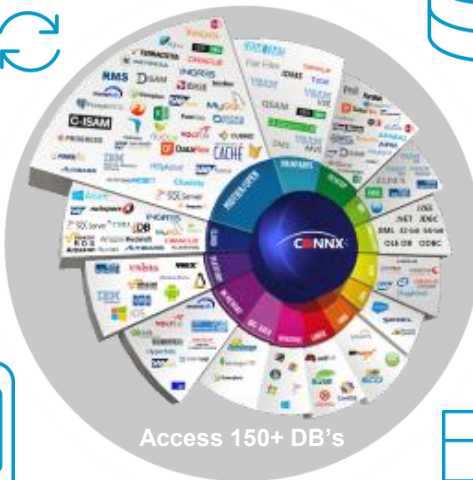


InstantdbSync

Real-time Replication,
Synchronization & CDC

KPiSync

Visualize key business
metrics on any device in
real-time



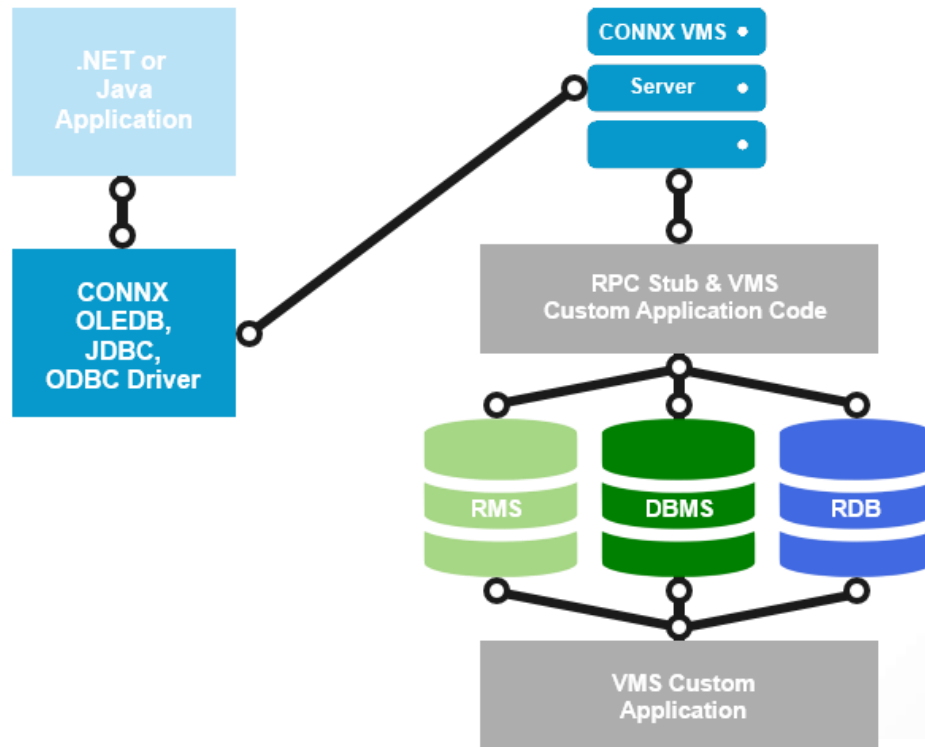
InfoNaut CONNX Add-on Pro for Excel

Simple reporting to all
data sources with Excel



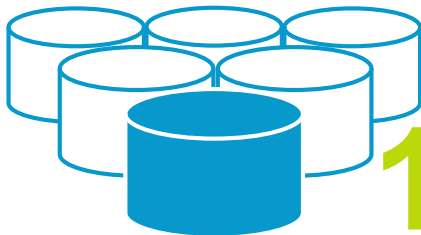
CONN RPC SOLUTION

Reuse Existing OpenVMS Business Logic



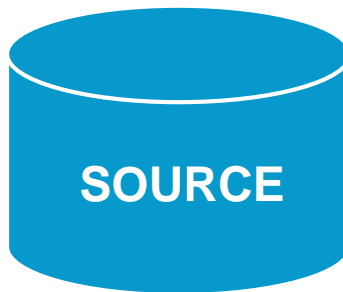
DATASYNC

Change Data Capture
And Replication

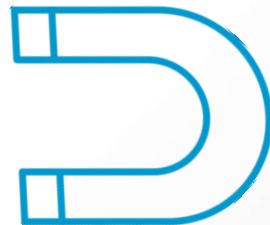


150+

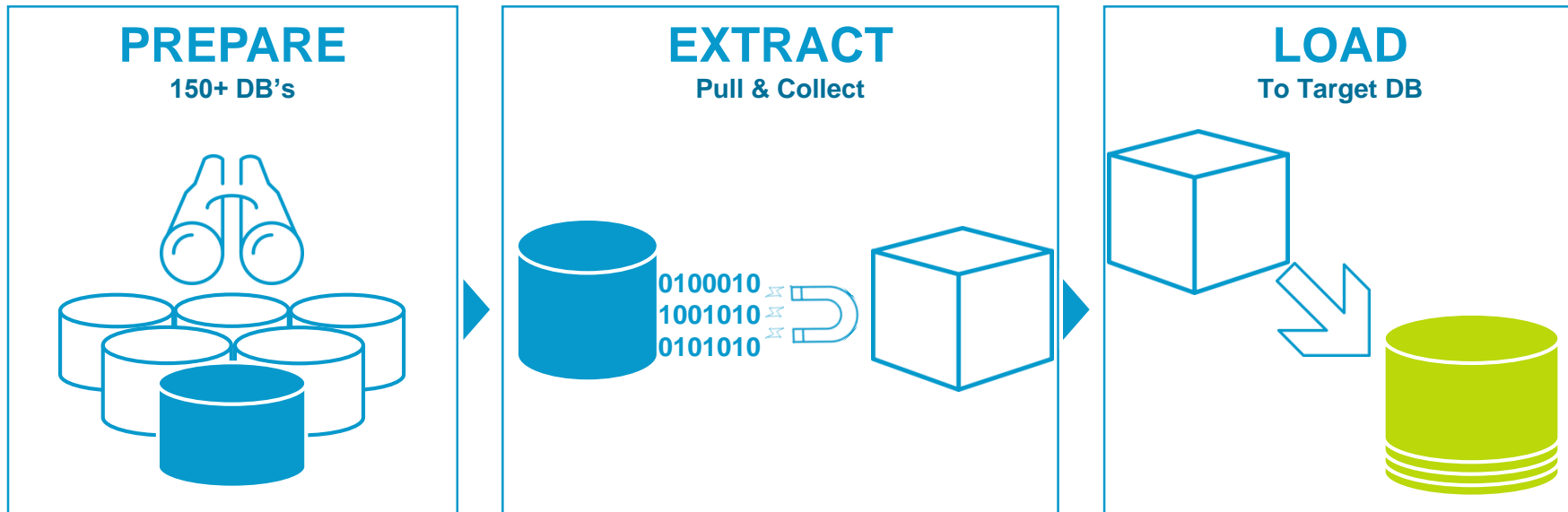
**Near Real-Time
ETL**



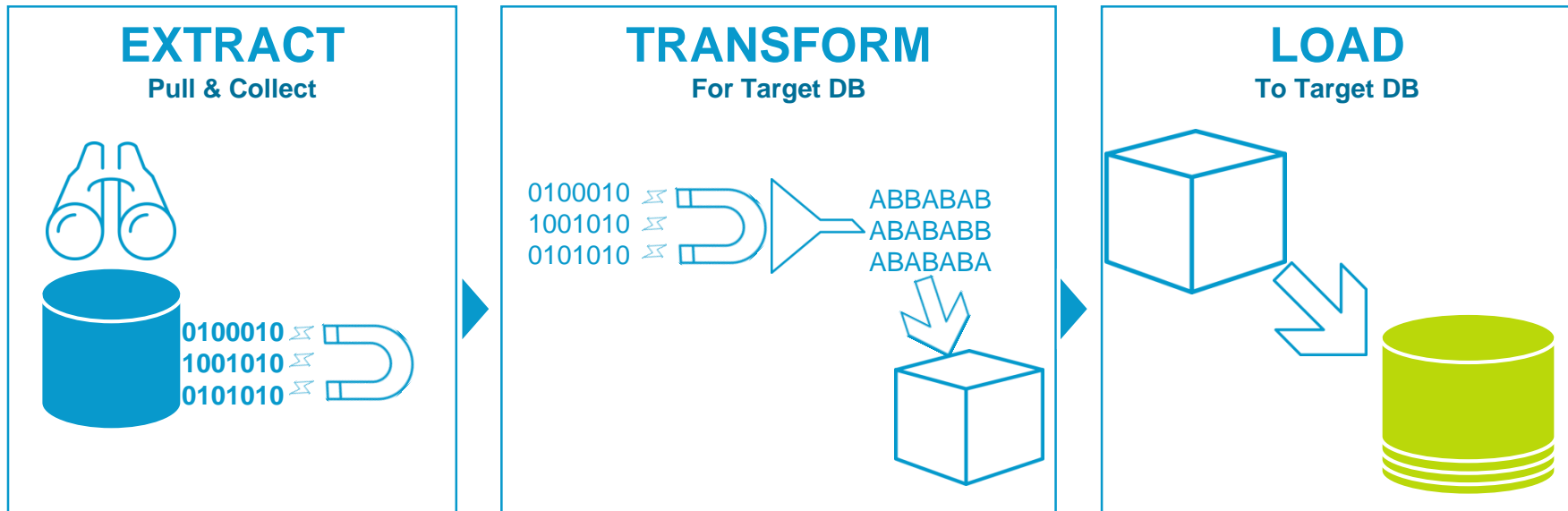
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DATASYNC



DATASYNC TRANSFORMATION



ADD-ON FOR SSIS



1

Configure SSIS packages that run the queries to retrieve the change data



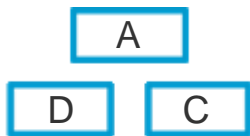
2

Determine how often to query for asynchronous capture of source data



3

Retrieve the changed data from the changed tables



4

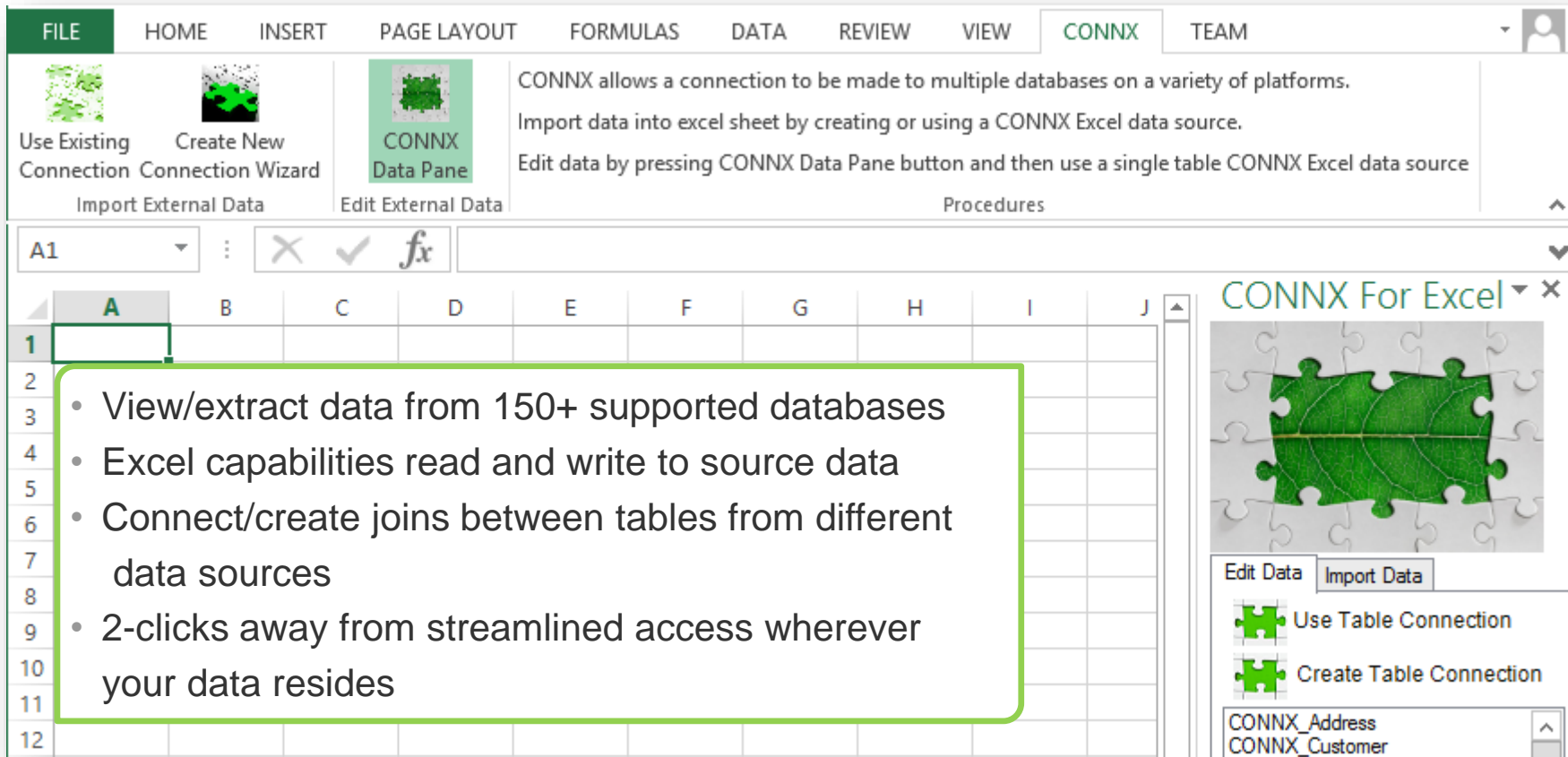
The file is split into inserts, updates, and deletes for processing



5

The changes are applied to the destination SQL Server Table

ADD-ON PRO FOR EXCEL FOR DATA VISUALIZATION



FILE **HOME** **INSERT** **PAGE LAYOUT** **FORMULAS** **DATA** **REVIEW** **VIEW** **CONNX** **TEAM**

Use Existing Connection Import External Data Create New Connection Wizard **CONNX Data Pane** Edit External Data

CONNX allows a connection to be made to multiple databases on a variety of platforms.
 Import data into excel sheet by creating or using a CONNX Excel data source.
 Edit data by pressing CONNX Data Pane button and then use a single table CONNX Excel data source

Procedures

A1 ✕ ✓ *fx*


A B C D E F G H I J


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12

- View/extract data from 150+ supported databases
- Excel capabilities read and write to source data
- Connect/create joins between tables from different data sources
- 2-clicks away from streamlined access wherever your data resides

CONNX For Excel ✕

Edit Data Import Data

 Use Table Connection

 Create Table Connection

CONNX_Address
CONNX_Customer

INFONAUT FOR SQL QUERIES AND REPORTS

Build & Manage Queries & Reports

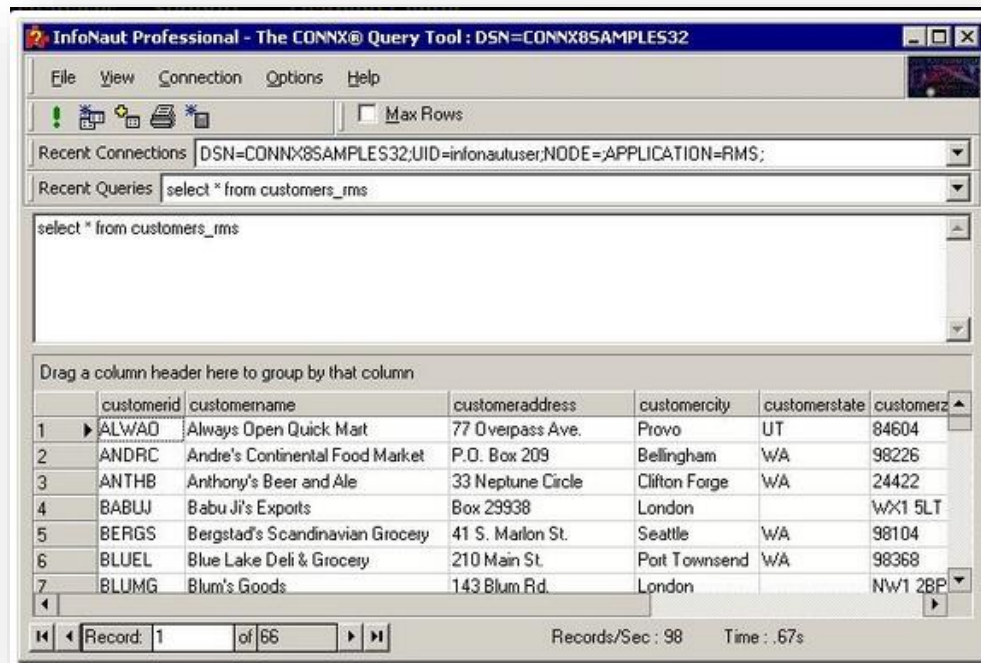


File Formats

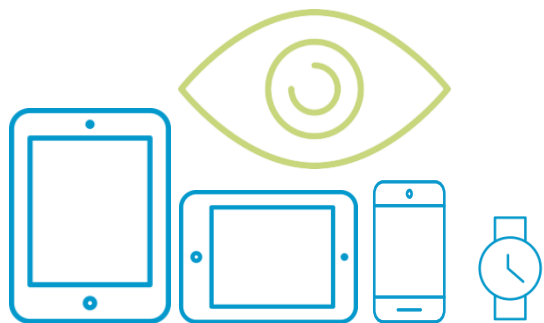


XML®, Excel, Microsoft Query®, HTML, ASP, CSV, SQL and TXT.

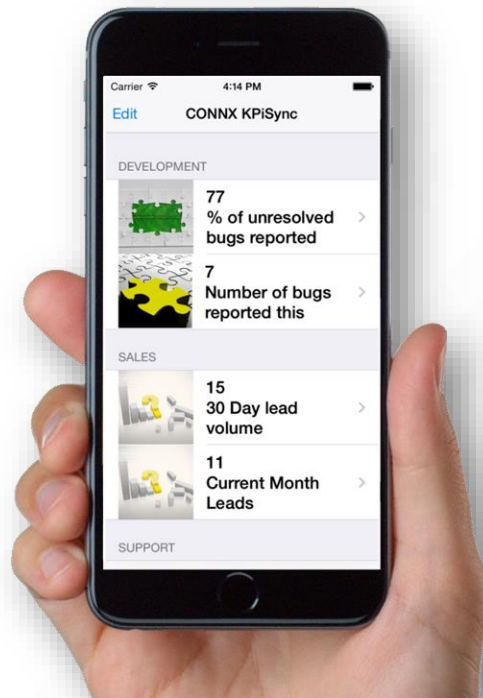
SQL Statement Builder



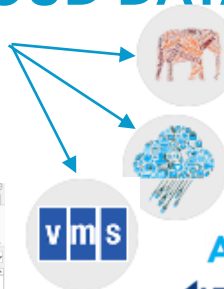
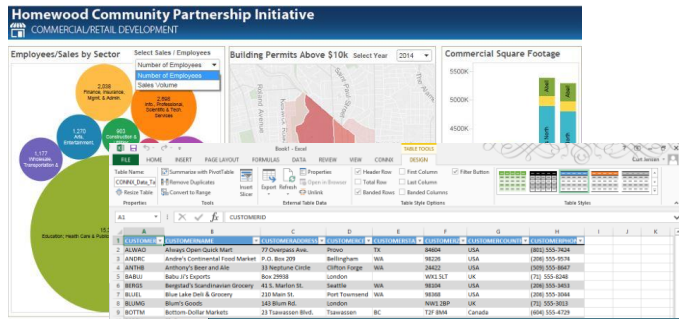
Visualize Key Metrics



On Any Device



EXTEND OpenVMS WITH DATA VIRTUALIZATION TO BIG DATA AND CLOUD DATA SOURCES



InfoNaut (32-bit) - C:\Users\jensen\Desktop\Demo\vsam_demo.cdd

Execute Show Tables Build Query Report Refresh CDD Trace Get Query Schema Max Rows

Transaction Plan Uniform SQL Regional DB SQL

Recent Connections: [D:\C:\Users\jensen\Desktop\Demo\vsam_demo.cdd?prompt=2] Fastest Security Info=True APPLICATION=ALL

Recent Queries: SELECT * FROM VSAM.dbo.CUSTOMERS_VSAM

SELECT * FROM VSAM.dbo.CUSTOMERS_VSAM

Drag a column header here to group by that column

CUSTOMERID	CUSTOMERNAME	CUSTOMERADDRESS	CUSTOMERCITY	CUSTOMERSTATE	CUSTOMERZIP	CUSTOMERCOUNTRY
1	ANDRUC	Anthony's Commercial	P.O. Box 209	Baltimore	MD	USA
2	ARTHE	Anthony's Beer and Ale	23 Hagerman Circle	Chapel Forge	VA	USA
3	BAGUI	Babu's Exports	Box 2908	London	UK	UK
4	BAGUI	Babu's Exports	Box 2908	London	UK	UK
5	BLUES	Blue Lake Deli & Grocery	415 E. Martin St.	Seattle	WA	USA
6	BLUES	Blue Lake Deli & Grocery	415 E. Martin St.	Seattle	WA	USA
7	BLUMG	Blum's Goods	143 Burn Rd	London	UK	UK
8	BUTTM	Bullum-Guller Markets	23 Transwestern Blvd	Transwestern	BC	Canada
9	BUTTM	Bullum-Guller Markets	23 Transwestern Blvd	Transwestern	BC	Canada
10	COVNH	Consolidated Holdings	12 Barclay Gardens	London	UK	UK
11	DOODH	Dzein Deli	12344 Happy Lane	Zapher	ZZ	USA
12	EASTC	Eastern Connection	39 King George	London	UK	UK
13	EMPT	Empire Trading	7 Basse Hill	London	UK	UK
14	FFZD	Fitzgerald's Deli and	14 E. Railway Dr	Baltimore	MD	USA
15	FOOD	Foodmatters Inc	415 - 4th Ave	Valley Falls	VA	USA
16	FRAGS	Fraser Distributors	North Kingsgate	London	UK	UK
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CONNX ASSISTED EVALUATION PROGRAM

- We are very confident on the ability of CONNX and are happy to discuss an evaluation with you and your organization
- Prove how you can use CONNX to enhance investments in your existing applications and enterprise data on OpenVMS to keep your systems evolving to meet your current and future needs.

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CONNX VIDEO DEMO

DEMO:



