



# CONNX SOLUTIONS For OpenVMS

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# AGENDA FOR TODAY'S 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
- Q&A

# 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

# CONNEX SOLUTIONS CUSTOMERS





# WORLDWIDE PARTNERS



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

## DataSync

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

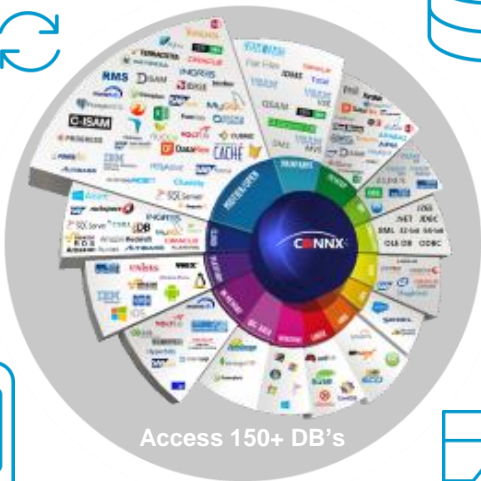


## InstantdbSync

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



# CONNx dB SUPPORT

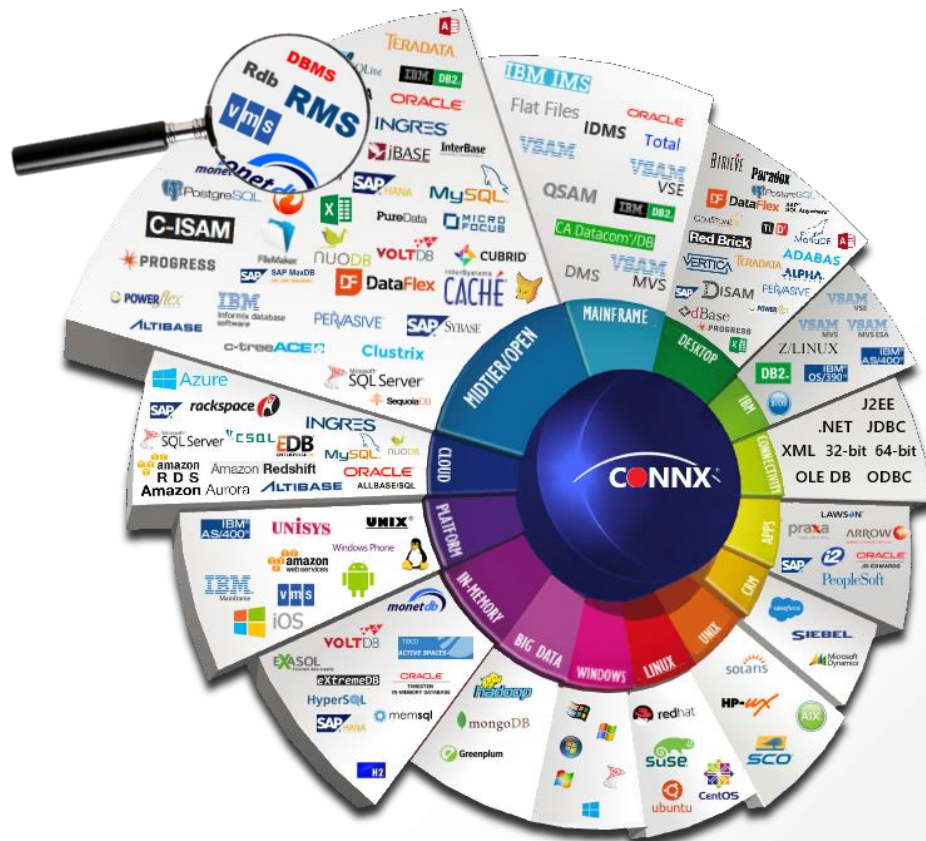
☐ MAINFRAME

☐ DESKTOP/CLOUD

☐ MIDTHIER/OPEN

☐ IN-MEMORY/BIG DATA

☐ OS/CRM/APPS

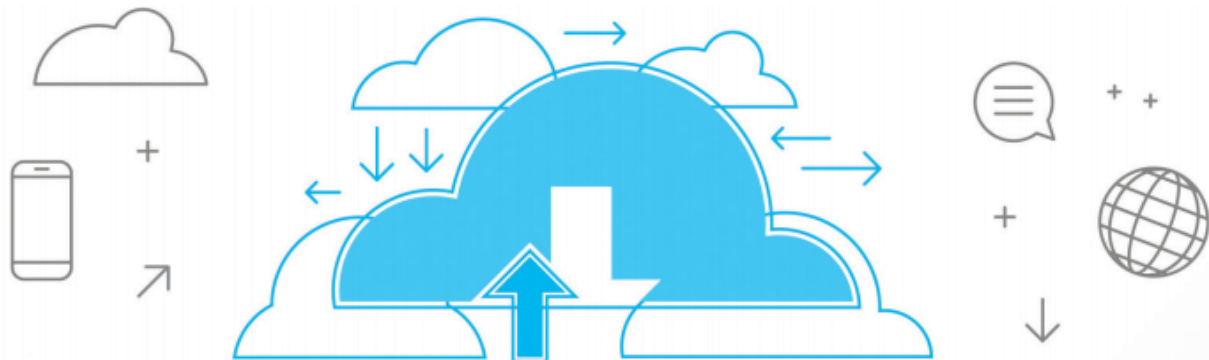




# CONN DB ADAPTER

**Simplified SQL data access to more than 150 data sources:**

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

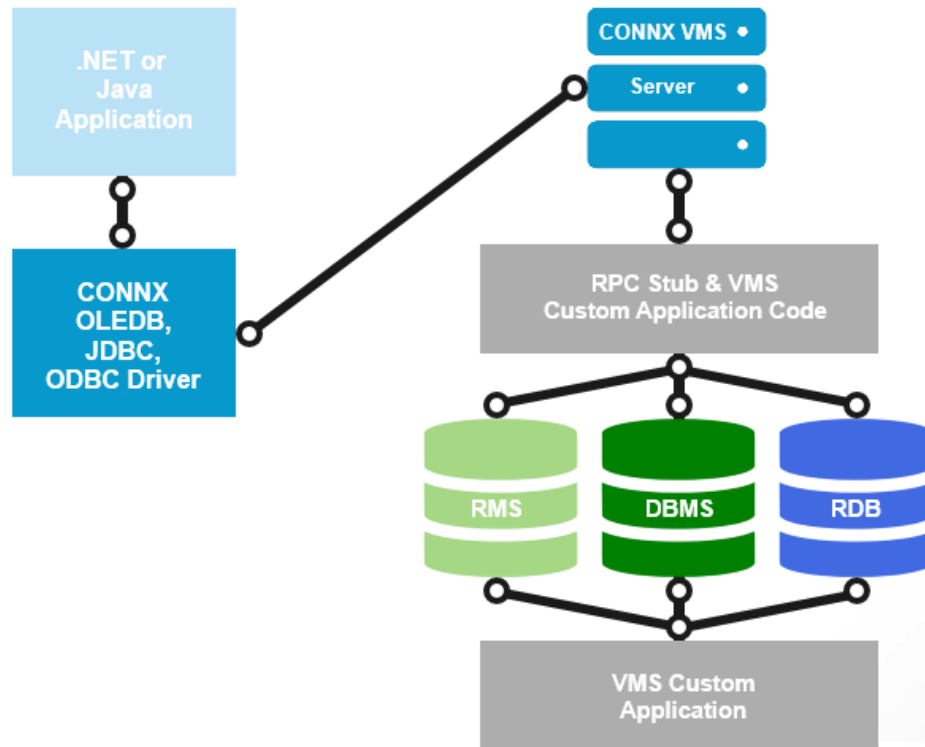


**Unlock enterprise data wherever it resides, and use it in real time**

- 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

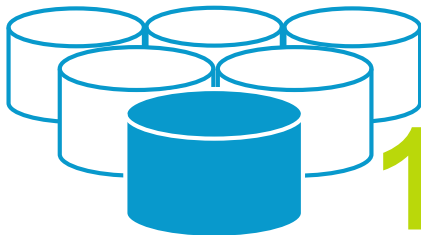
# CONN RPC SOLUTION

Reuse Existing OpenVMS Business Logic



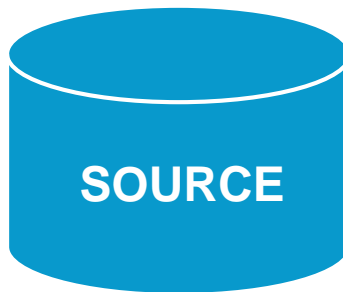
# DATASYNC

Change Data Capture  
And Replication

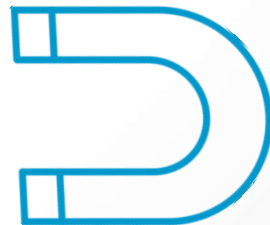


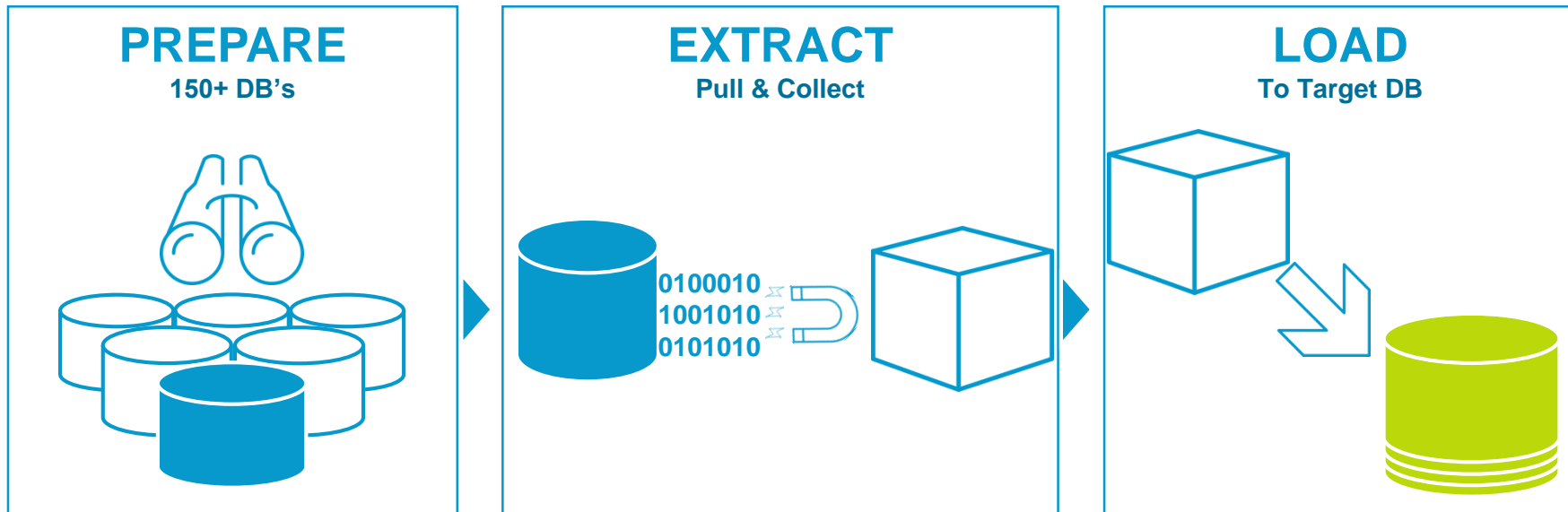
**150+**

**Near Real-Time  
ETL**

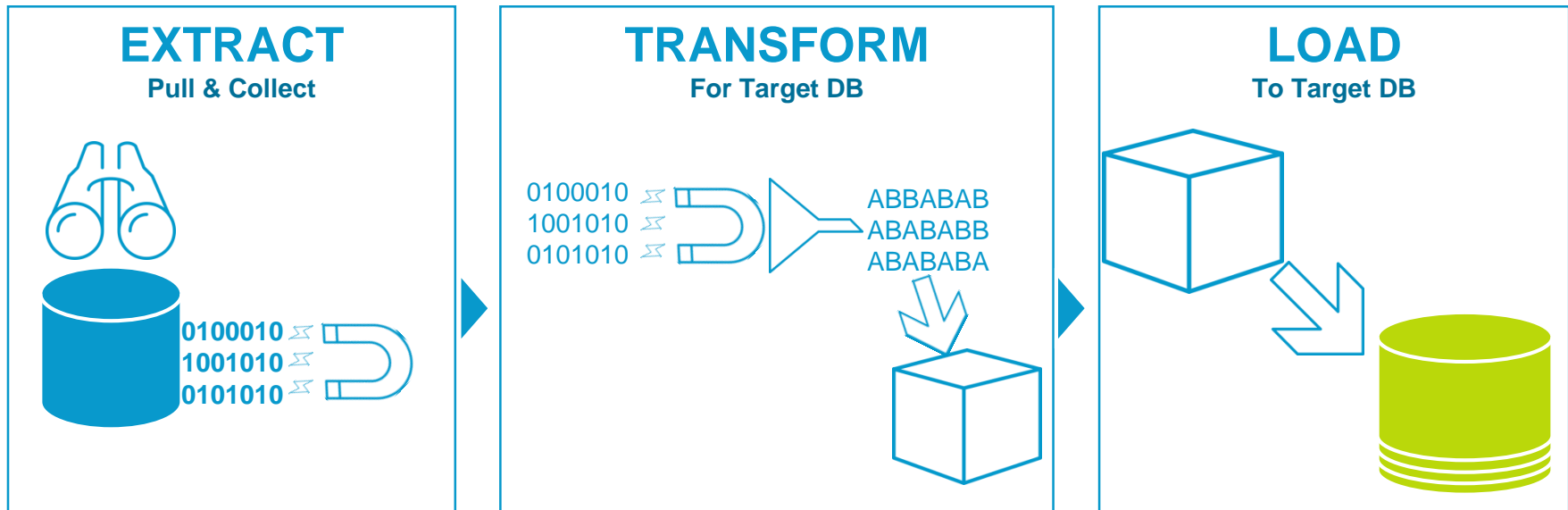


010001010010100  
101010100101010  
010101010110100  
1001000011100011  
010100100000100





# DATASYNC TRANSFORMATION





# ADD-ON FOR SSIS



1

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



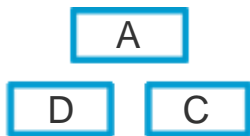
2

Determine how often to query for asynchronous capture of source data



3

Retrieve the changed data from the changed tables



4

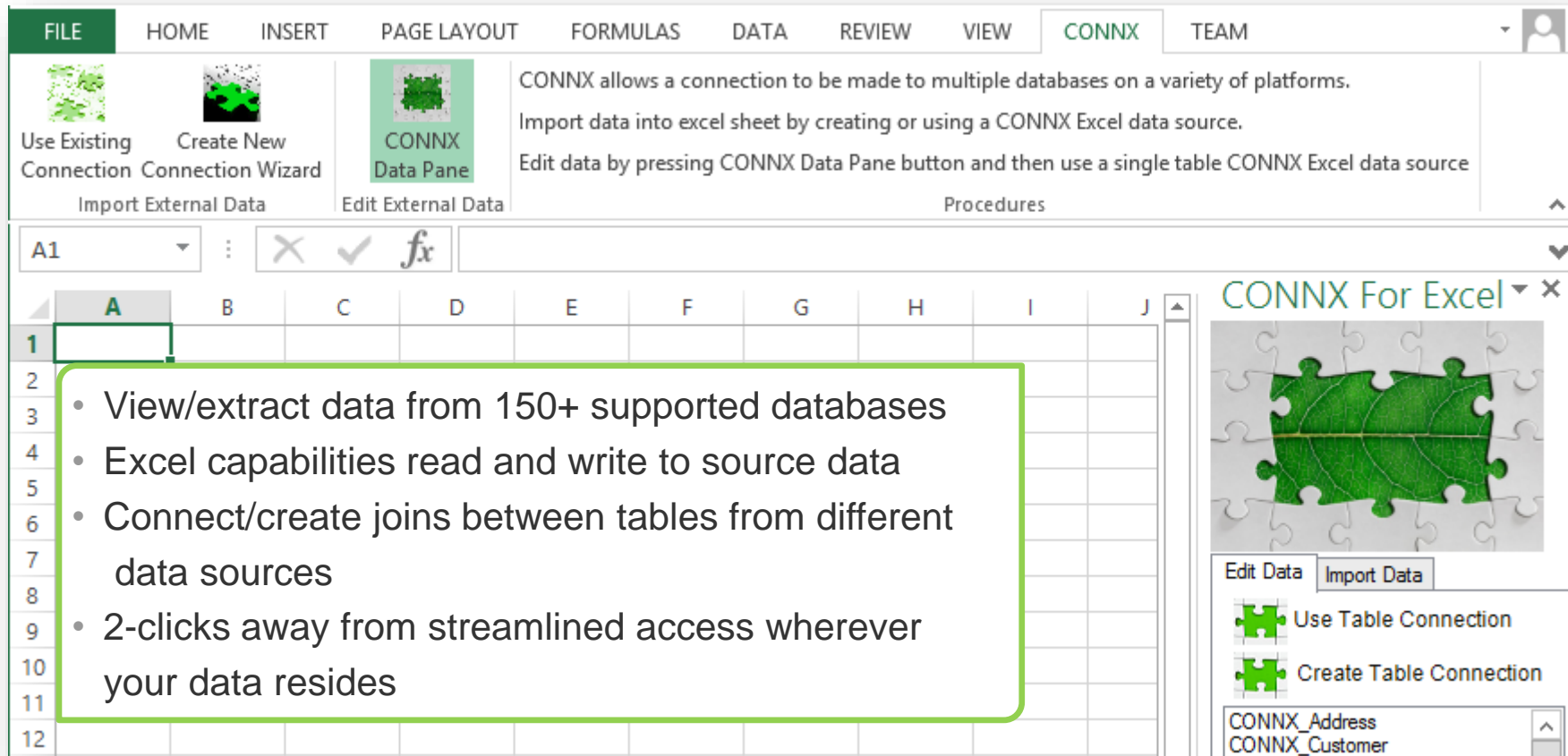
The file is split into inserts, updates, and deletes for processing



5

The changes are applied to the destination SQL Server Table

# ADD-ON PRO FOR EXCEL



The screenshot displays the Microsoft Excel ribbon with the **CONNX** tab selected. The ribbon includes buttons for 'Use Existing Connection', 'Create New Connection Wizard', and 'CONNX Data Pane'. A text box explains that CONNX allows connections to multiple databases and provides instructions on how to import and edit data.

A green-bordered box highlights the following features:

- 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

On the right, the 'CONNX For Excel' sidebar is visible, featuring a puzzle piece icon and buttons for 'Edit Data' and 'Import Data'. It also includes options to 'Use Table Connection' and 'Create Table Connection', along with input fields for 'CONNX\_Address' and 'CONNX\_Customer'.

# INFONAUT

## Build & Manage Queries & Reports

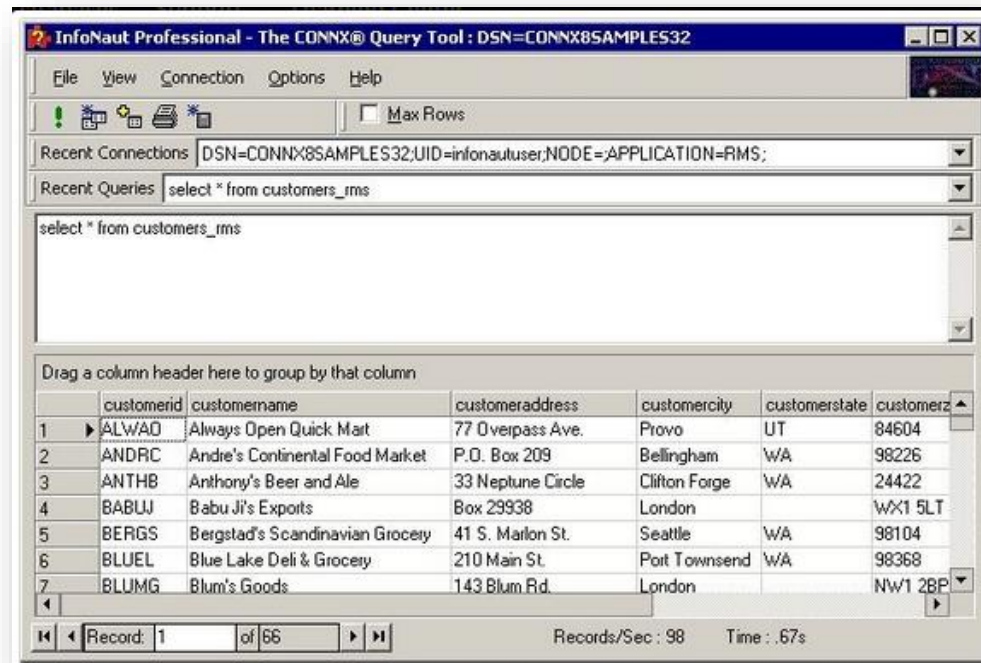


### File Formats

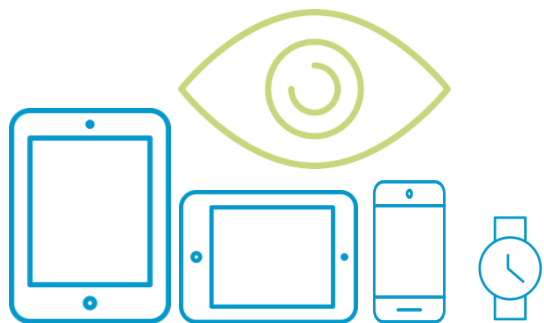


XML®, **Excel**,  
 Microsoft Query®,  
 HTML, ASP, CSV,  
 SQL and TXT.

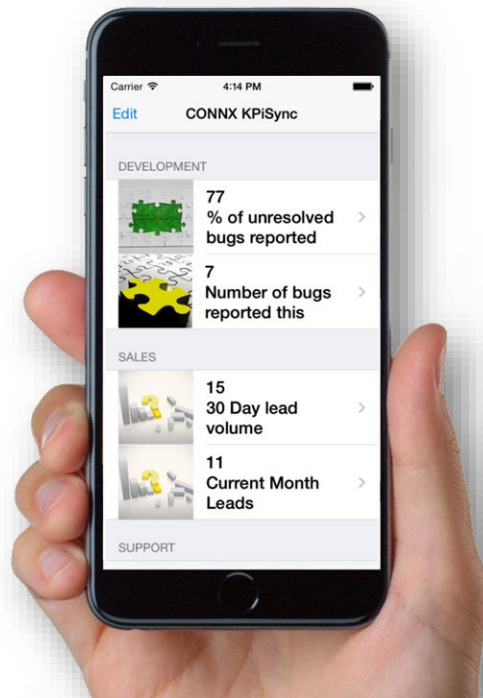
## SQL Statement Builder



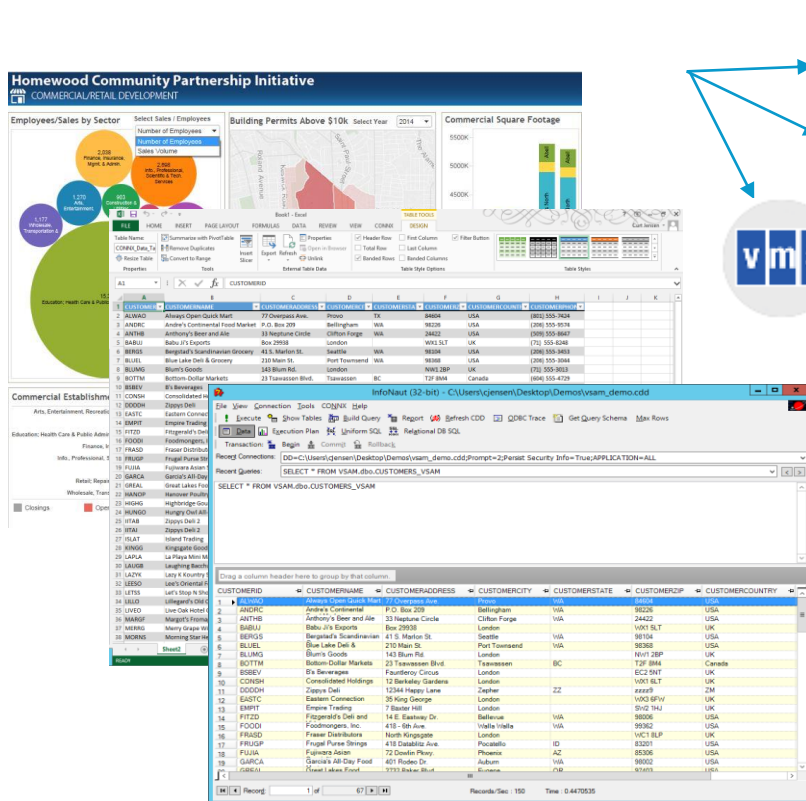
## Visualize Key Metrics



## On Any Device



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







# DB ADAPTER ARCHITECTURE

