



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

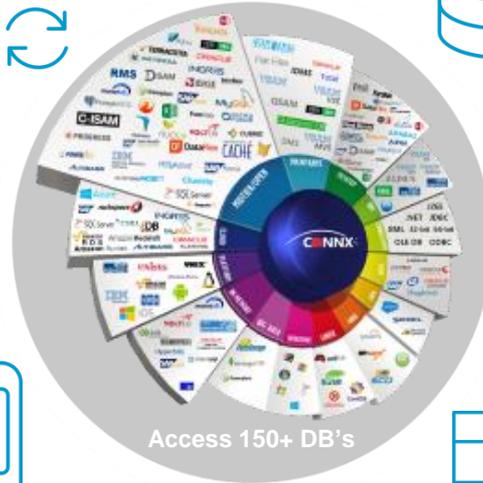


InstantdbSync

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

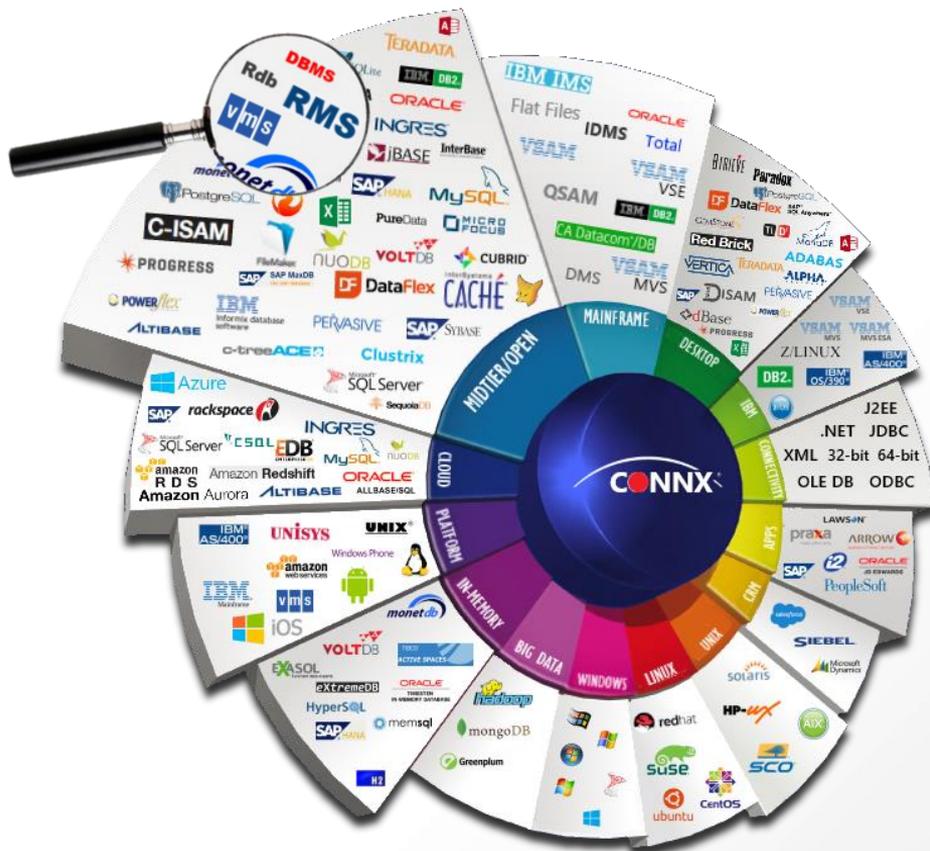
MAINFRAME

DESKTOP/CLOUD

MIDTHIER/OPEN

IN-MEMORY/BIG DATA

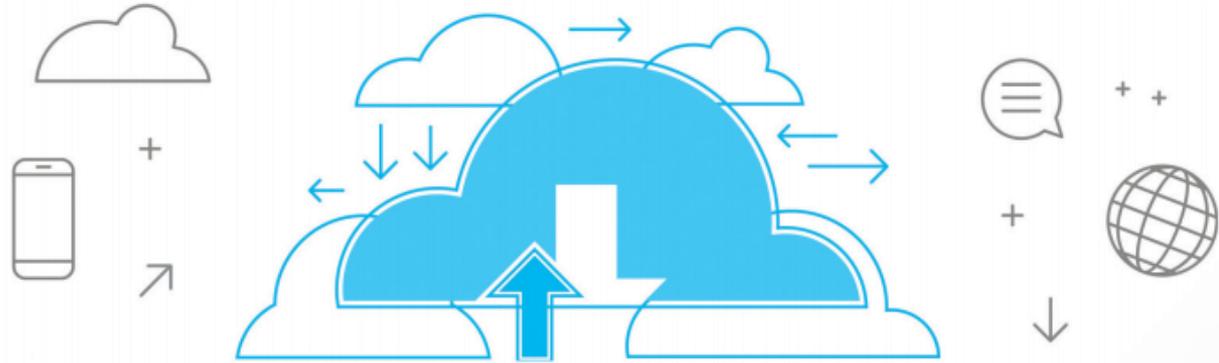
OS/CRM/APPS



CONN DB ADAPTER

Simplified SQL data access to more than 150 data sources:

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

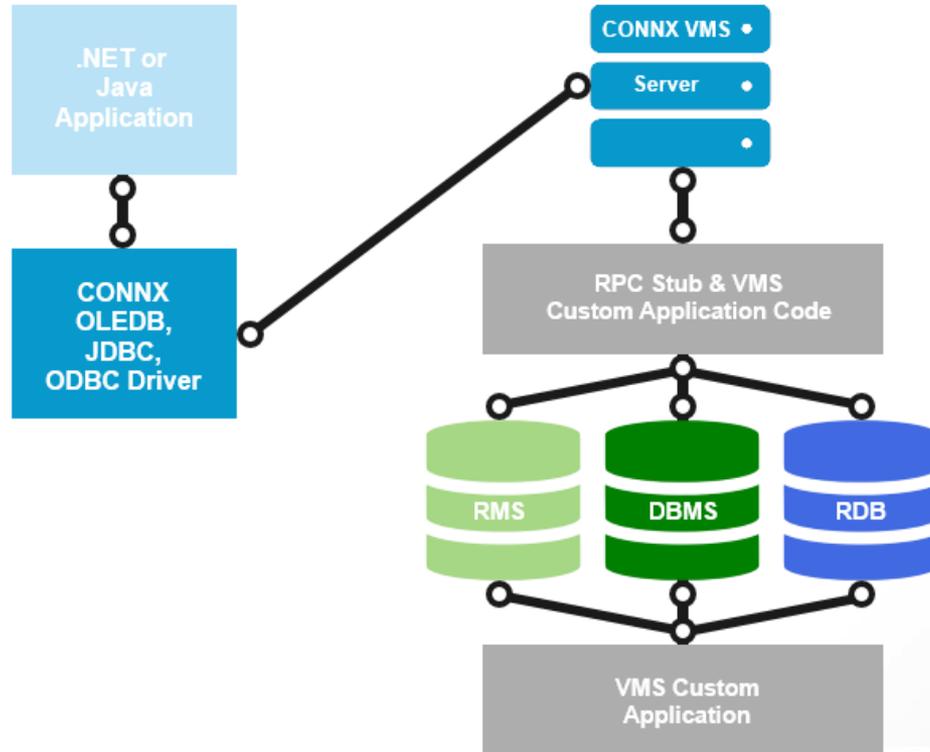


Unlock enterprise data wherever it resides, and use it in real time

- 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

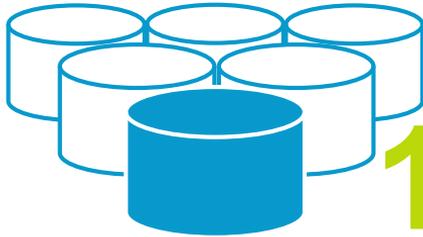
CONNX RPC SOLUTION

Reuse Existing OpenVMS Business Logic



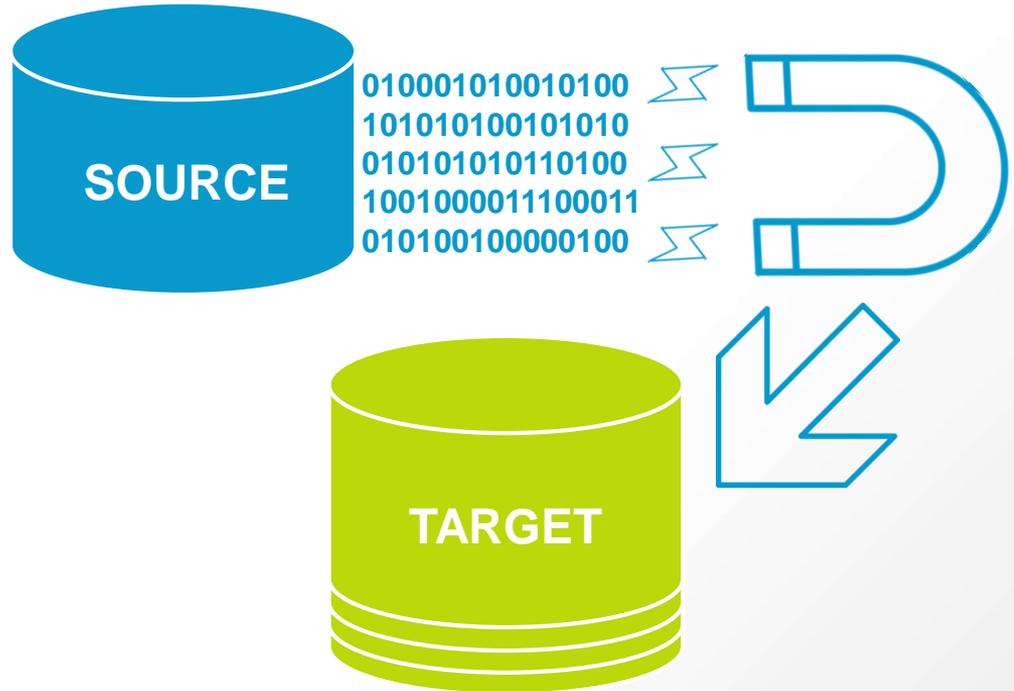
DATASYNC

Change Data Capture
And Replication

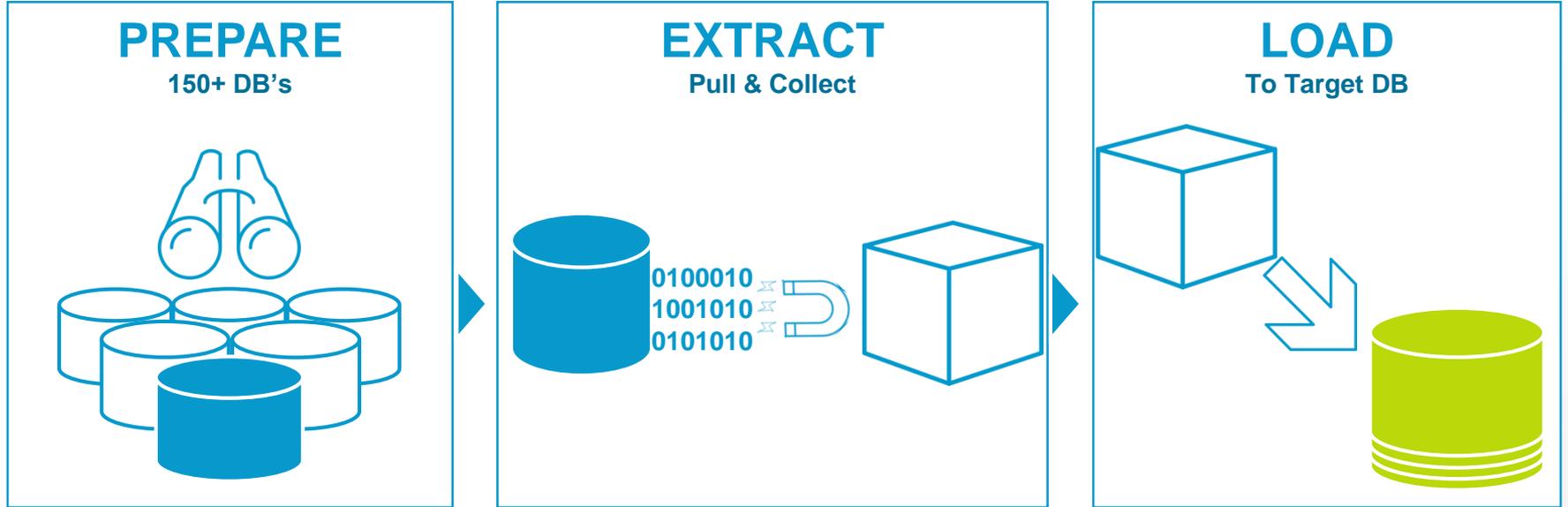


150+

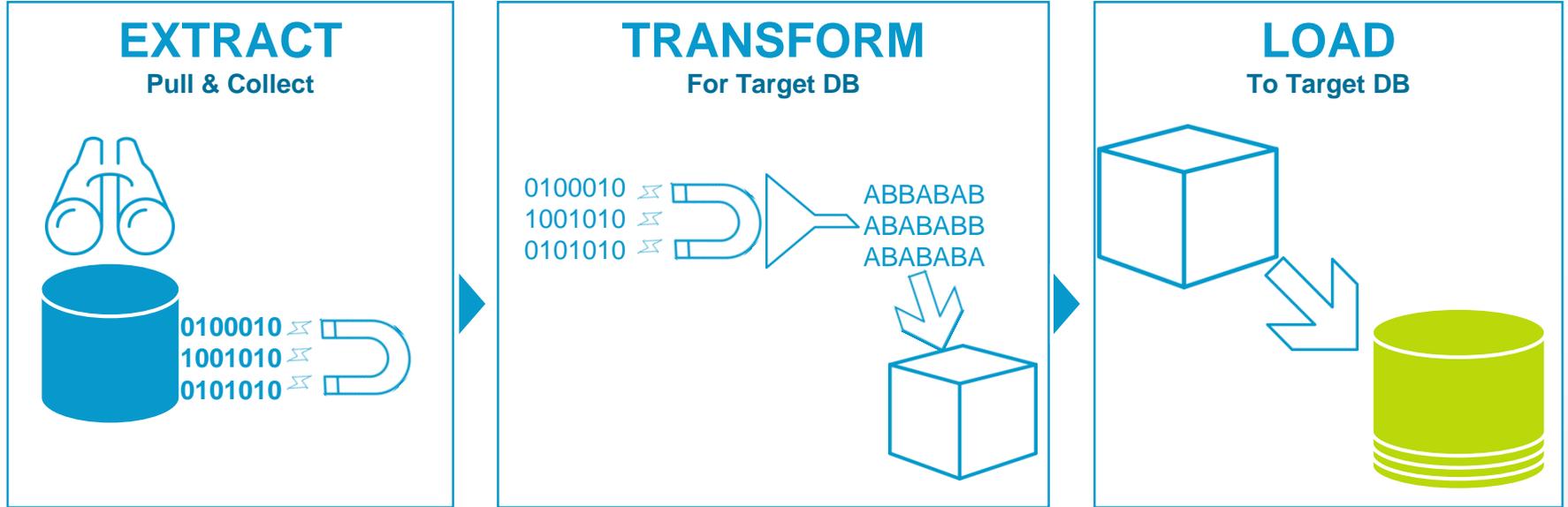
**Near Real-Time
ETL**



DATASYNC



DATASYNC TRANSFORMATION



ADD-ON FOR SSIS



1

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



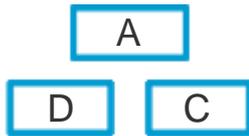
2

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

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

1
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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

Build & Manage Queries & Reports



File Formats



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

SQL Statement Builder

InfoNaut Professional - The CONNX® Query Tool : DSN=CONNX85SAMPLES32

File View Connection Options Help

Max Rows

Recent Connections DSN=CONNX85SAMPLES32;UID=infonautuser;NODE=APPLICATION=RMS;

Recent Queries select * from customers_rms

select * from customers_rms

Drag a column header here to group by that column

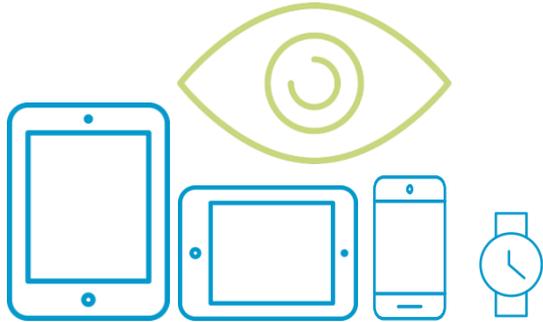
	customerid	customername	customeraddress	customercity	customerstate	customerz
1	ALWAO	Always Open Quick Mart	77 Overpass Ave.	Provo	UT	84604
2	ANDRC	Andre's Continental Food Market	P.O. Box 209	Bellingham	WA	98226
3	ANTHB	Anthony's Beer and Ale	33 Neptune Circle	Clifton Forge	WA	24422
4	BABUJ	Babu Ji's Exports	Box 29938	London		WX1 5LT
5	BERGS	Bergstad's Scandinavian Grocery	41 S. Marlon St.	Seattle	WA	98104
6	BLUEL	Blue Lake Deli & Grocery	210 Main St.	Port Townsend	WA	98368
7	BLUMG	Blum's Goods	143 Blum Rd.	London		NW1 2BP

Record: 1 of 66

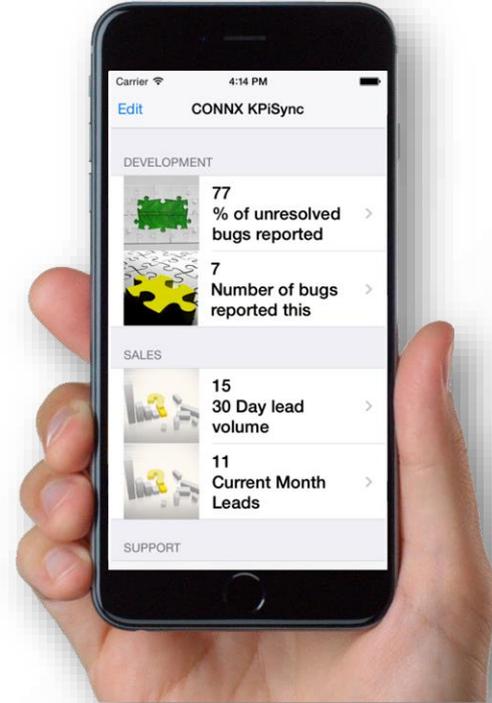
Records/Sec : 98 Time : .67s

KPISYNC

Visualize Key Metrics



On Any Device





DB ADAPTER ARCHITECTURE

