



SUITE

**B2WIN**

YOUR DATA, YOUR  
BUSINESS-IMPACT

**Unlock the Value of  
Your Data for Maximum  
Business-Impact**



Empowering Your  
Data-Driven Business

B2Output

B2Data

# Unlock the Value of Your Data for Maximum Business-Impact

B2Win Suite is an enterprise data platform that helps businesses drive innovation and achieve their goals through simplified and streamlined data management and document output management.

On Premises/  
Private Cloud

No-Code/Low-Code  
Workflow-based

Lowest  
TCO



[www.b2winsuite.com](http://www.b2winsuite.com)

## **Built for the Enterprise**

B2Win Suite provides a highly secure permission system to control user access, comprehensive user management functionality, and centralized management of various database connections and services. These services include management of business-related data such as companies, logos, business partner contacts, and more.

## **Cares for IT**

Suitable for small and larger enterprises with more complex IT requirements, with dashboard for greater IT visibility and control with detailed logs that are easy to read.

## **Understands ERP**

B2Win Suite works in conjunction with ERP, CRM or any other enterprise software with support for multiple-company, multiple-language, multiple-currency and strongly integrates with Infor ERP systems with support for their special SQL database structure.

## **With everyday business users in mind**

Business users deserve a system that respects their needs and provides them with a user-friendly experience that simplifies their daily tasks.

***Maximum flexibility and scalability!***



# WORK WITH DATA IN A **SIMPLER WAY**

Simplify and streamline your data integration,  
data processing and data delivery.

- ✓ Modern Workflow-Architecture
- ✓ For users with no programming knowledge and advanced developers
- ✓ Easily unify data for better insights

# **B2Data is a flexible and extensible no-code/low-code workflow-based data integration application with advanced data processing and data delivery, made with enterprise innovation in mind.**

## ✓ **Modern Data Pipelines**

Create advanced data pipelines with end-to-end visibility and traceability in just minutes, instead of days, using our modern workflow technology

## ✓ **Enterprise-Grade Excel**

Streamlined Excel creation and reporting with sheets manipulation, graphs and templates

## ✓ **Advanced Scripting**

Solve your toughest use cases and build your own nodes!

## ✓ **Experience a secure and user-friendly solution with built-in error handling, end-to-end traceability and visibility, and much more!**

## ✓ **Enterprise-wide Data Access**

Empower users across departments to make data-driven decisions and optimize operational efficiency with secure and easy access to fresh data

## ✓ **Infor native features Infor Cloudsuite, LN on-prem, M3 on-prem**

- Support for browsing and searching tables and fields including descriptions of tables and fields
- Replicate data from Infor CloudSuite to local or cloud database
- Read data from LN canned reports
- Handling LN text fields, enumerated fields, company numbers

Filter

General

Input-Form

Scheduler

HTTP Trigger

Data Sources

VisualQuery

Query

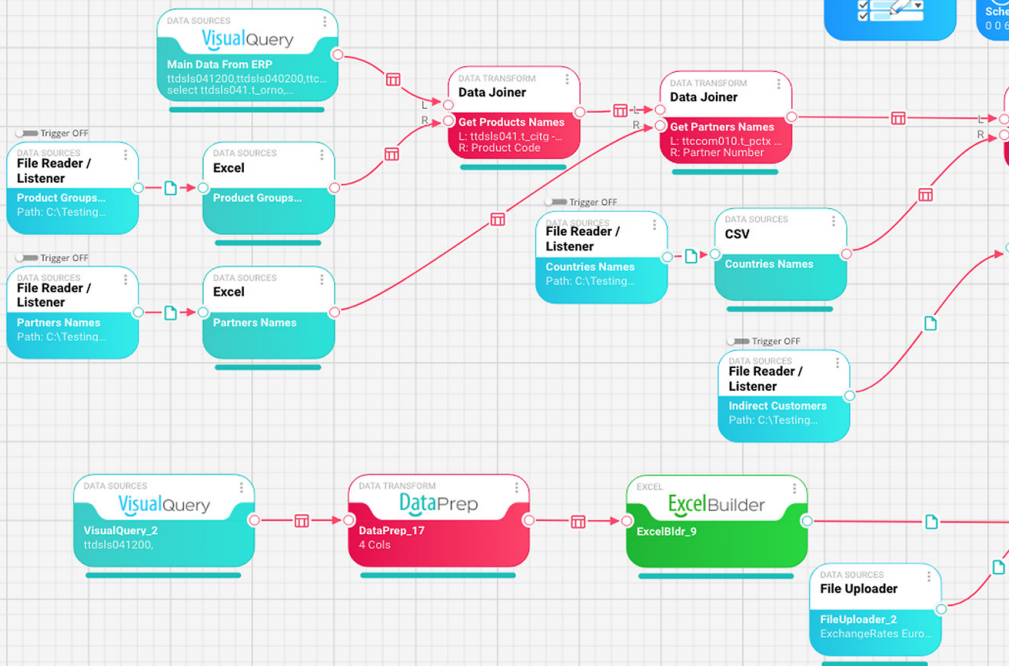
Excel

CSV

Client File Reader

File Reader / Listener

iteration 3



Run Iterations

Run Results

Configurations

Triggers / Schedulers (1)

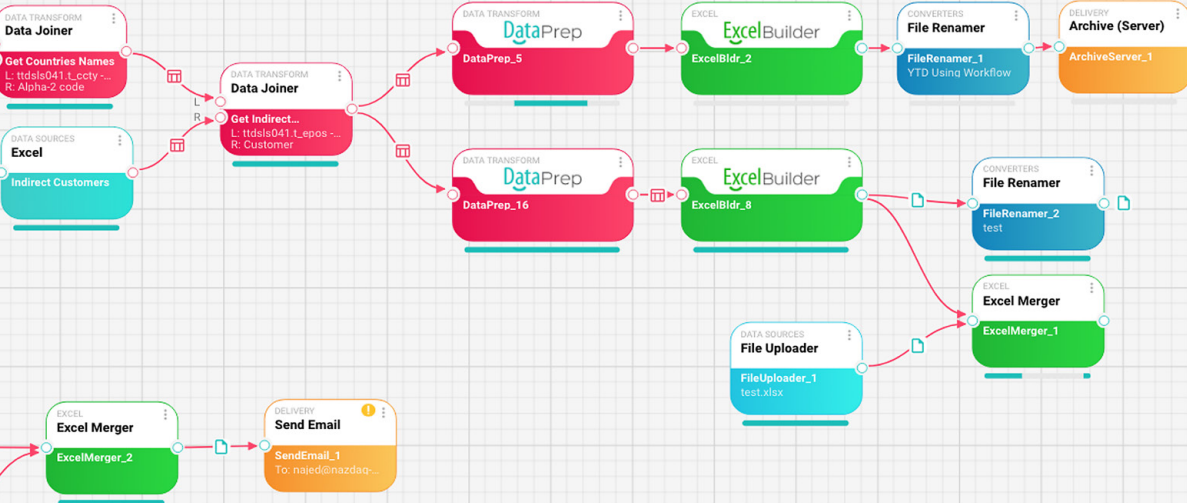
Log

Iteration / Node	Status	Progress	Start Time	End Time	Stats	Duration	Processors
Iteration 3 <b>TONY</b>	<b>RUNNING</b>	81.48%	15:55:36	02:00:00	Total Completed: 22	20 sec, 981 ms	
ExcelMerger_1	<b>RUNNING</b>		15:55:36	02:00:00	Inputs: 0, Outputs: 0	less than a minute ago	FileUploa
Excel_2	<b>COMPLETED</b>		15:55:16	15:55:16	Inputs: 1, Outputs: 1	458 ms	FileReade
VisualQuery	<b>COMPLETED</b>		15:55:15	15:55:16	Inputs: 1, Outputs: 1	679 ms	
FileReader	<b>COMPLETED</b>		15:55:15	15:55:16	Inputs: 1, Outputs: 1	314 ms	
Excel	<b>COMPLETED</b>		15:55:16	15:55:16	Inputs: 1, Outputs: 1	479 ms	FileReade
VisualQuery_2	<b>COMPLETED</b>		15:55:15	15:55:16	Inputs: 1, Outputs: 1	510 ms	
DataJoiner_1	<b>COMPLETED</b>		15:55:16	15:55:17	Inputs: 2, Outputs: 1	380 ms	VisualQue

ITERATIONS: 1 COMPLETED, 1 FAILED, 1 RUNNING Execution resumed: ITERATION 3 (EXEC BY Tony Bathich).

Scheduler ON

RA  
eduler  
duler\_1  
19\*\*\*



## A Modern Workflow Architecture

Restart PAUSE || RUN

	Successors
der_1_ExcelBldr_8	
er_3	DataJoiner_5
	DataJoiner_1
r	Excel
	DataJoiner_1
	DataPrep_17
ry_Excel	DataJoiner_3

Build and run advanced data pipelines in minutes instead of days with end-to-end traceability and visibility.

ID	Actions
959073388985323520	<span>Abort</span>
959073389253758978	<span>Actions</span>
959073389253758982	<span>Actions</span>
959073390654656512	<span>Actions</span>
959073390088425472	<span>Actions</span>
959073389253758984	<span>Actions</span>
959073389824184320	<span>Actions</span>
959073391342522368	<span>Actions</span>

LIVE (DEV)

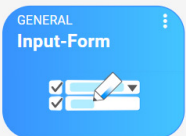
Info

←

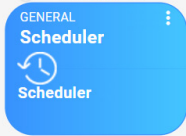
# Core Tools and Connectors

Input-Form, Triggers,  
Schedulers..

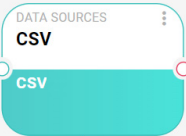
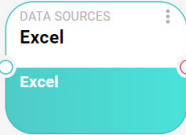
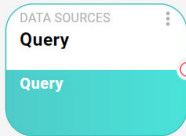
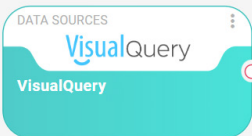
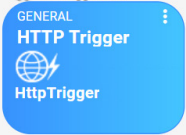
Data  
Sources



☐ Scheduler OFF



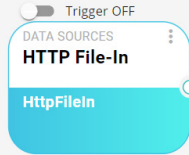
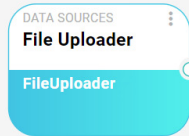
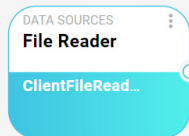
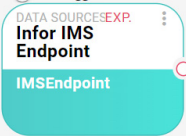
☐ Trigger OFF



☐ Trigger OFF



☐ Trigger OFF

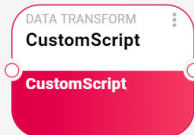
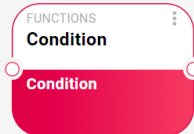
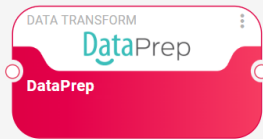


☐ Trigger OFF

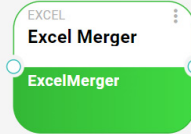




## Data Transformation, and Processing



## Special Excel Pack



DATA DELIVERY  
**PowerBI**

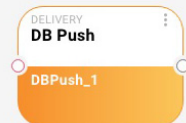
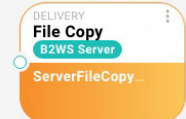
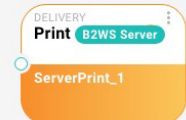
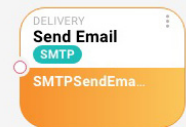
DATA DELIVERY  
**Direct Query  
from Baan/LN**

DATA SOURCE  
**XML Reader  
and many more...**

## Functions



## Data Delivery



# Nodes Highlights

## VisualQuery

Unleash the power of your data with B2Data Visual Query node, providing an intuitive interface that helps you to easily construct complex queries, enhance accuracy, and empower non-technical users to extract valuable insights.

The screenshot displays the VisualQuery application interface. At the top, it shows the connection details: "VisualQuery" and "Connection: baan4c4olddb Database: MSSQL 10.50.1600". Below this, the "Default company: 200" is set, with a filter by company dropdown. A search bar labeled "Search Table or field" is present. A list of nodes is shown, including "tcpclp005 - Cycles by Plan Unit", "tcpclp010 - Cyclic Planning Param...", "tcpclp030 - Cyclic Parameters by P...", "tcpclp040 - Cyclic Parameters by P...", "tcpclp050 - Product Sequencing Ru...", "tcpclp060 - Characteristic Sequenc...", "tcpclp100 - Production Runs", "tcpclp140 - Gantt Chart Settings", "tcpcom000 - Performance Paramet...", "tcprmp010 - Dummy table for displ...", "tcprmp100 - Work Center Calendar", "tcprmp101 - Critical Capacity Use b...", "tcprmp120 - Rough Capacity Requir...", "tcprmp130 - Rough Material Requir...", "tcprmp138 - Co-Product Deliveries", "tcprmp140 - Planned Interplant Der...", "tcprmp150 - Planned Interplant Rec...", "tcprmp300 - Master Production Scl...", "tcprmp420 - Plan Periods", "tcprmp450 - Performance Indicator...", and "tcprmp460 - Performance Indicator...". A "Load More" button is at the bottom of the list. On the right, a "Field Properties" panel is visible, showing a table with columns "Order Number" and "Sale". The "Order Number" column has a value of "50001" and the "Sale" column has a value of "10".

VisualQuery  
Connection: baan4c4olddb Database: MSSQL 10.50.1600

Default company: 200  
Filter by company  
200

Search Table or field

- > tcpclp005 - Cycles by Plan Unit
- > tcpclp010 - Cyclic Planning Param...
- > tcpclp030 - Cyclic Parameters by P...
- > tcpclp040 - Cyclic Parameters by P...
- > tcpclp050 - Product Sequencing Ru...
- > tcpclp060 - Characteristic Sequenc...
- > tcpclp100 - Production Runs
- > tcpclp140 - Gantt Chart Settings
- > tcpcom000 - Performance Paramet...
- > tcprmp010 - Dummy table for displ...
- > tcprmp100 - Work Center Calendar
- > tcprmp101 - Critical Capacity Use b...
- > tcprmp120 - Rough Capacity Requir...
- > tcprmp130 - Rough Material Requir...
- > tcprmp138 - Co-Product Deliveries
- > tcprmp140 - Planned Interplant Der...
- > tcprmp150 - Planned Interplant Rec...
- > tcprmp300 - Master Production Scl...
- > tcprmp420 - Plan Periods
- > tcprmp450 - Performance Indicator...
- > tcprmp460 - Performance Indicator...

Load More

TTDSLS041 (main)  
Sales Order Lines

Search for field...

- ☒ INT Lono - O
- ☒ LINT Lono - S
- ☒ CHAR Lcuno - C
- ☐ VCHAR Litem - It
- ☒ CHAR Lcigt - It
- ☒ TIME Lodat - O
- ☒ CDEL Lcanta - A
- ☒ VCHAR Lccoty - Co
- ☒ VCHAR Lcpos - C

Field Properties

Output

- ☒
- ☒
- ☒

Order Number INT Sale

50001 10

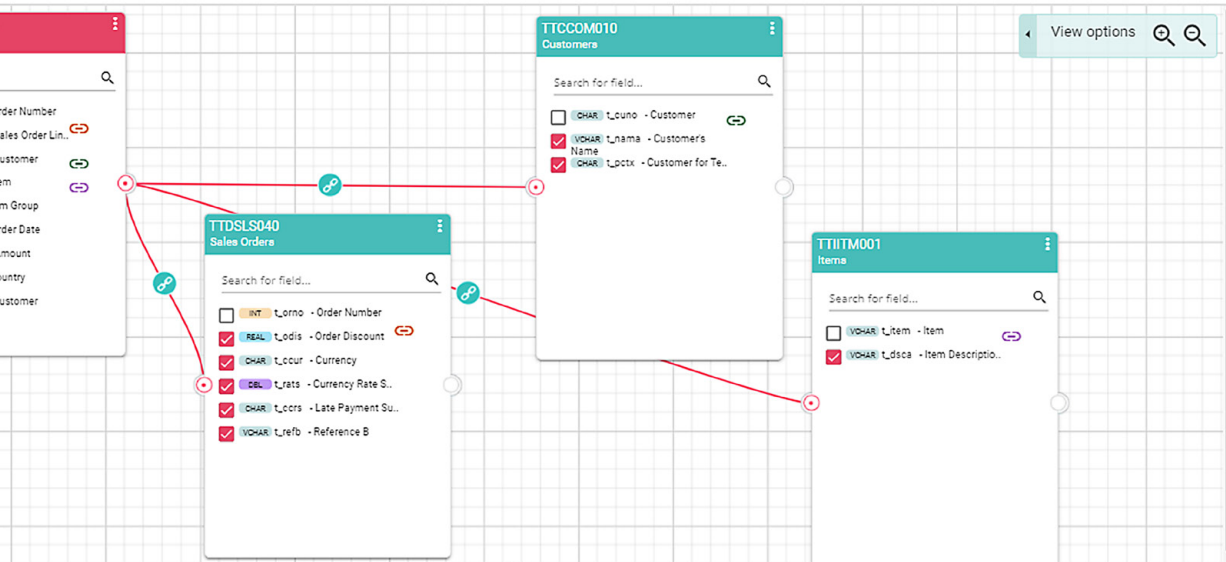
## VisualQuery

## BUILDER



Save

Close



Conditions Sort SQL Statement Virtual Field

Field Name	Description	Group By	Aggregate
<code>INT</code> ttdsls041.t_orno	Order Number	<input type="checkbox"/>	<input type="text"/>
<code>SINT</code> ttdsls041.t_pono	Sales Order Line	<input type="checkbox"/>	<input type="text"/>
<code>CHAR</code> ttdsls041.t_cuno	Customer	<input type="checkbox"/>	<input type="text"/>

...

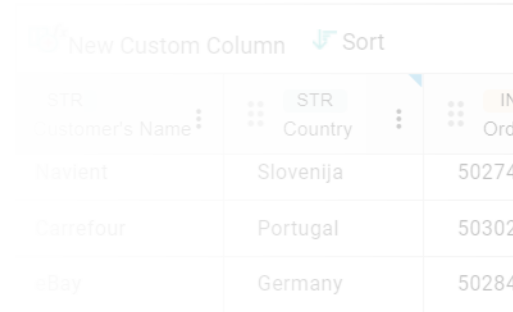
Preview

es Order Line	INT	Customer	STR	Item Group	STR	Order Date	INST	Amount	DBL	Country	STR	Customer Purchase Order Line Item	STR	Order Discount	DBL
		20001		200		2000-08-31T21:00:00Z		165.72		AU				0	

# Nodes Highlights

## DataPrep

Organize and clean your data with ease to get valuable insight. Enrich your data with custom calculated fields using simple formulas or complex scripting to unlock new dimensions of data analysis and make informed decisions that drive business success.



STR Customer's Name	STR Country	IN Order ID
Navient	Slovenija	50274
Carrefour	Portugal	50302
eBay	Germany	50284

Script Editor:

```
1 if (tccur == "USD") { return ((tamta * dollar))
2 if (tccur == "EUR") { return ((tamta * euro))
3 if (tccur == "GBP") { return ((tamta * pound))
4
```

Clear

Inputs

View inputs for the displayed

Evaluation

DBL 1391.652



To list all advanced functions,  
start typing: Util



Save

Close

Column Info: ☐ Column Codes [Reset](#)

Order Number	INT Line	STR Item Group	STR Currency	DBL Rate	DBL Amount	DBL AmountUSD
4	10	200		1	225	225
2	10	100		1	270	270
4	10	100		1	400	400
				1.098	225	247.05
				1	146.25	146.25
				1	292.5	292.5
				1	146.25	146.25
			USD	1	0.25	0.25
			USD	1	975	1125.5400000000002
			EUR	1.1544	975	975
			USD	1	975	1124.8574999999998
			EUR	1.1537	975	975
			USD	1	975	975
			USD	1	975	975
			USD	1	975	975
			USD	1	975	975

Rename Header

Split

Remove Leading Spaces

Remove Trailing Spaces

Move Column

Remove Column

Evaluate

☒ Auto

Done

Cancel

Columns: 9

Total Rows: 13141

Rows per page: 100

1 of 132 Pages

## Nodes Highlights

### CustomScript + Properties

Empower advanced user to tackle even the most complex data integration challenges by utilizing B2Data's properties and scripting capability, unlocking new horizon in solving intricate data cases creatively and efficiently to drive better business outcomes.

### QueryIn-Memory

Run a blazing fast SQL query directly on the "input data" that resides in memory, with support for complex queries with large function library and window functions.

Code

Evaluate

☒ Auto

```
1 //Get a copy of the table reference from the previous node
2 var table = NodeInputReader.inputAsDataFrame(1, 1000).sortOn(-5);
3
4 //Gets the 4th column as String
5 var stringColumn = table.stringColumn(4);
6
7 //Return a new table with only value: male filtered
8 return table.where(stringColumn.startsWith("male"));
9
```

SQL Query:

Format SQL

Evaluate

☒ Auto

```
1 SELECT    country AS 'Country', ROUND(SUM(sales), 3) AS 'Total Sales'
2 FROM      VisualQuery_1
3 GROUP BY  country
4 HAVING     SUM(sales) > ${SALES_SUM}
5 ORDER BY  SUM(sales) DE
6
```

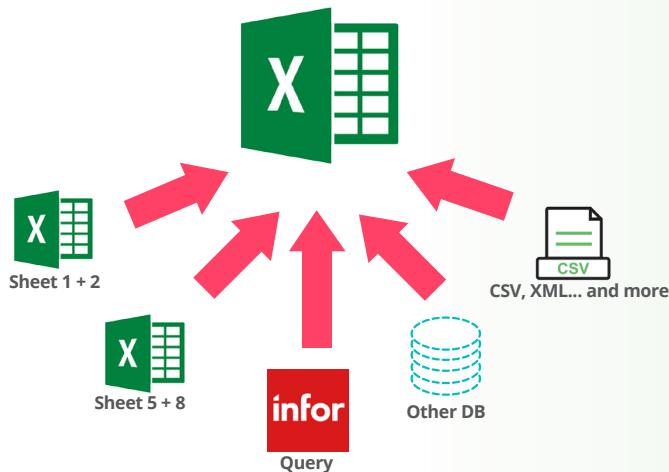
- COMPANY\_CODE
- SQL\_STATEMENT
- DEBUG
- ENV
- EXECUTION\_DATA
- EXECUTION\_ID
- EXECUTION\_START\_TIME
- EXEC\_BY\_USERID
- EXEC\_BY\_USERNAME
- EXEC\_BY\_USER\_TIMEZONE
- HOME\_DIR
- ITERATION\_ID

# Nodes Highlights

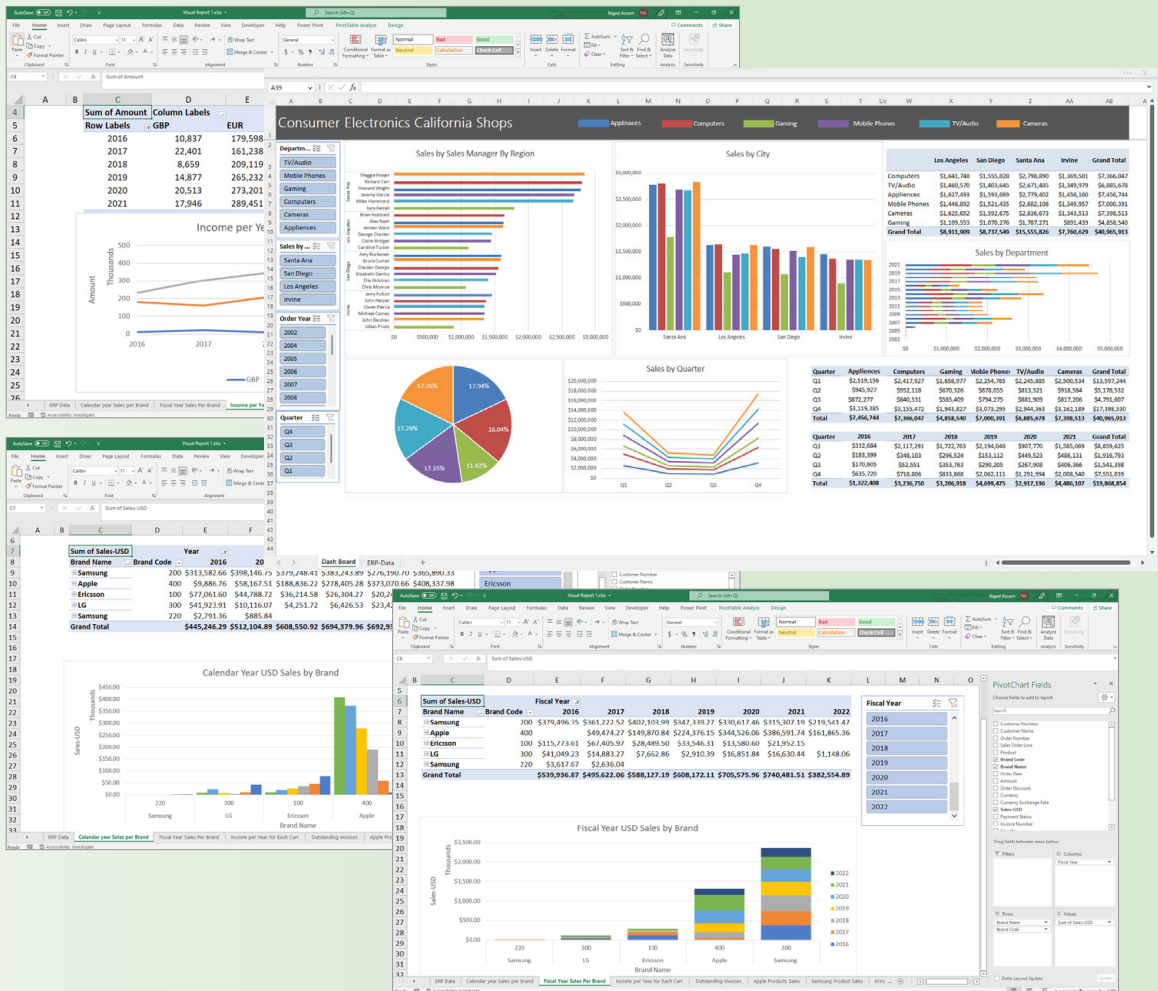
## Excel Nodes

**Excel**Builder **Excel**Merger

Maximize your productivity and efficiency with B2Data Excel nodes, empowering you to analyze, visualize, and make data-driven decisions like never before.







Streamlined Excel reports and dashboards with visualizations using existing Excel files as templates.

Filter

General

Input-Form

Scheduler

HTTP Trigger

Data Sources

VisualQuery

Query

Excel

CSV

Client File Reader

File Reader / Listener

Extensibility

Data Sources

Functions/  
Custom Scripts

Data Delivery

Custom Script 1

Custom Script 2

Custom Script 3

Unlock limitless possibilities for your business with B2Data's extensibility, by adding new nodes for "custom scripting" to meet your specific and unique business needs and drive growth.

Run Iterations		Run Results	Configurations	Triggers / Schedulers (1)	Log			
Iteration / Node	Status	Progress	Start Time	End Time	Stats	Duration	Preprocessors	
Iteration 3 TONY	RUNNING	81.48%	15:55:36	02:00:00	Total Completed: 22	20 sec, 981 ms		
ExcelMerger_1	RUNNING		15:55:36	02:00:00	Inputs: 0, Outputs: 0	less than a minute ago	FileUploa	
Excel_2	COMPLETED		15:55:16	15:55:16	Inputs: 1, Outputs: 1	458 ms	FileReade	
VisualQuery	COMPLETED		15:55:15	15:55:16	Inputs: 1, Outputs: 1	679 ms		
FileReader	COMPLETED		15:55:15	15:55:16	Inputs: 1, Outputs: 1	314 ms		
Excel	COMPLETED		15:55:16	15:55:16	Inputs: 1, Outputs: 1	479 ms	FileReade	
VisualQuery_2	COMPLETED		15:55:15	15:55:16	Inputs: 1, Outputs: 1	510 ms		
DataJoiner_1	COMPLETED		15:55:16	15:55:17	Inputs: 2, Outputs: 1	380 ms	VisualQue	



## CustomScript Settings

Alias: Filter only males

Node ID: CustomScript\_2

Done

Close

General

Properties (1)

Code

Evaluate

☒ Auto

```
1 //Get a copy of the table reference from the previous node
2 var table = NodeInputReader.inputAsDataFrame(1, 1000).sortOn(-5);
3
4 //Gets the 4th column as String
5 var stringColumn = table.stringColumn(4);
6
7 //Return a new table with only value: male filtered
8 return table.where(stringColumn.startsWith("male"));
9
```

Clear

Evaluation

Table: 1101482752705826816, Columns: 12, Rows: 577



View Output

	Successors	Created	ID	Actions
		3/31/2022, 3:55:14 PM	959073388985323520	<button>Abort</button>
der_1 ,ExcelBldr_8			959073389253758978	Actions
r_3	DataJoiner_5		959073389253758982	Actions
	DataJoiner_1		959073390654656512	Actions
r	Excel		959073390088425472	Actions
	DataJoiner_1		959073389253758984	Actions
	DataPrep_17		959073389824184320	Actions
ry ,Excel	DataJoiner_3		959073391342522368	Actions



Info



# Deployment

Deploy your workflows to production and make them **Come to Life!** Run them in the background, with configured schedulers and triggers such as file listeners, folder listeners, HTTP requests and more.

B2DATA  
MANAGER

New Workflow

Deployed to Production

Development

Display: ☐ All Workflows ☒ Created by me ☐ Pending Update

Status: ☒ All ☐ Live ☐ Offline

Search

#	Name	Published To Suite Reports	Deployment Revision	Deployed By	Deployed	Execution ID	Active Triggers	Active Schedulers	Uptime	Live / Offline	Actions	Run Count From last started
123	Merging 3 Queries to one Excel file	<input type="checkbox"/> No	1130	Nigel Smith	3/31/2022, 8:25:48 AM	958965643200172033			about a minute ago	<span></span>	<span>PAUSE</span> <span>II</span> <span>More</span>	0
113	Demo Sales Report Using Template	<input type="checkbox"/> No	1341	Nigel Smith	3/31/2022, 8:27:11 AM	958964690099113985			5 minutes ago	<span></span>	<span>PAUSE</span> <span>II</span> <span>More</span>	2 till
112	Custom Query SQL - 2	<input type="checkbox"/> No	1109	Nigel Smith	3/31/2022, 8:44:41 AM					<span></span>	<span>START</span> <span>II</span> <span>More</span>	
109	Sales NIS Demo	<input type="checkbox"/> No	1069	Nigel Smith	3/31/2022, 8:45:27 AM	958965668194029569			less than a minute ago	<span></span>	<span>PAUSE</span> <span>II</span> <span>More</span>	0

Items per page: 10 1 - 4 of 4 < > >|

Run Iterations

Run Results

Configurations

Triggers / Schedulers

Log

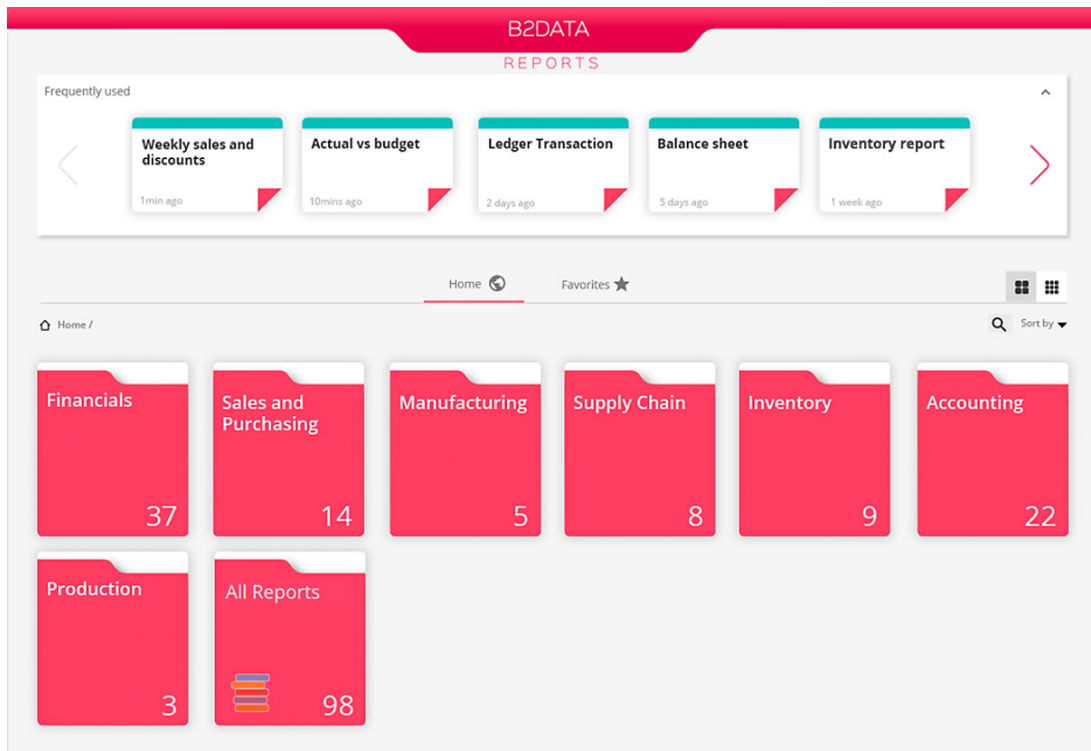
Iteration / Node	Status	Progress	Start Time	End Time	Stats	Duration	Precessors	Successors	Created	ID	Actions
Iteration 2	COMPLETED	100%	08:46:13	08:46:39	Total Completed: 12	26 sec. 248 ms			3/31/2022, 8:46:12 AM	958965419404693504	<span>Abort</span>
FileUploader_3	COMPLETED		08:46:13	08:46:13	Inputs: 1, Outputs: 1	145 ms		ExcelMerger_1		958965420017061888	<span>Actions</span>
VisualQuery_1	COMPLETED		08:46:13	08:46:14	Inputs: 1, Outputs: 1	816 ms		DataJoiner_1		958965419606020110	<span>Actions</span>
FileUploader_2	COMPLETED		08:46:13	08:46:13	Inputs: 1, Outputs: 1	122 ms		CSV_1		958965419606020112	<span>Actions</span>
FileUploader_1	COMPLETED		08:46:13	08:46:13	Inputs: 1, Outputs: 1	91 ms		Excel_1		958965419606020108	<span>Actions</span>
CSV_1	COMPLETED		08:46:13	08:46:13	Inputs: 1, Outputs: 1	151 ms	FileUploader_2	DataJoiner_2		958965419606020100	<span>Actions</span>

Iterations: 2 COMPLETED 0 FAILED 0 RUNNING

LIVE

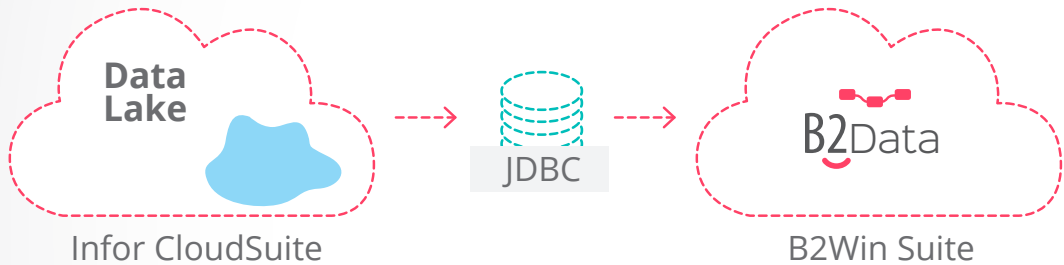
# Enterprise-Wide Data Access & Report Publishing

Empower users across departments to make data-driven decisions and optimize operational efficiency by providing them a secure and easy way to access fresh data.

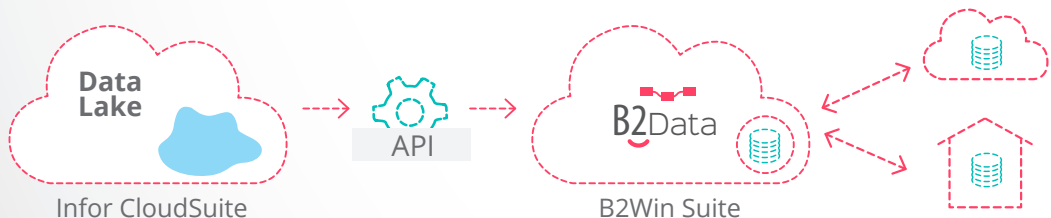


# Infor MT CloudSuite Solutions

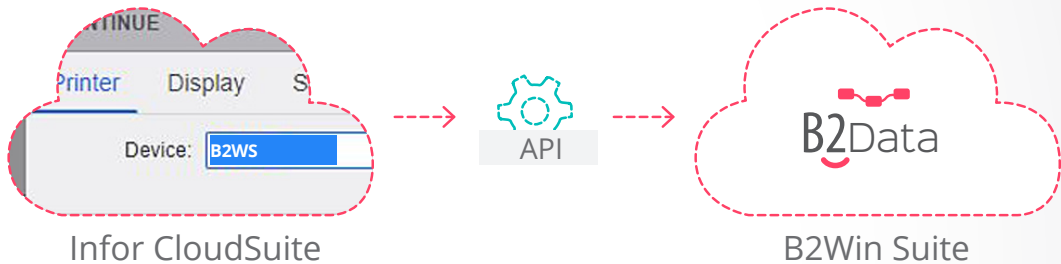
- ✓ Query Infor Data Lake with our powerful easy-to-use VisualQuery (B2Data)



- ✓ Replicate data from Infor CloudSuite through Infor OS to a local DB on-prem, private cloud, or to a public cloud of your choice using B2Data



- ✓ Print canned reports from Infor LN CloudSuite to B2Data and effortlessly incorporate the data into your existing data pipelines and workflows



- > MVXJDTA.CUGEFA - Customer extension Field Attributes
- > MVXJDTA.CUGEVM - Customer extension Value Map
- > MVXJDTA.FMINHD - Customer invoice - display manual
- > MVXJDTA.OOLiar - Customer order line agreement references
- > MVXJDTA.OOTYPE - Customer order - order types
- > MVXJDTA.OAGRHE - Customer agreement - header
- > MVXJDTA.OAGRLN - Customer agreement - lines
- > MVXJDTA.OXGRLN - Customer agreement - lines Batch
- > MVXJDTA.OCHEAD - Customer returns header
- > MVXJDTA.OCITAD - Customer - Item - Strict Rotation Dates
- > MVXJDTA.OCLINE - Customer returns - lines
- > MVXJDTA.OCSREF - Customer supplier reference
- > MVXJDTA.OCSRET - Customer supplier reference type

- Our CloudSuite solutions support browsing and searching tables and fields including descriptions of tables and fields and other special ERP specific features.

**// We are extremely satisfied with B2Win Suite. The ease of use is key for our business. NAZDAQ is a company that we have known for years and trust. B2Win Suite answered our needs and we were impressed with its simplicity, features, and capabilities. //**

**Cindy Girard,**  
Director of ERP &  
Inventory Planning



**// B2Win Suite brought us very efficient and easy to use tools, which help our users do their daily work faster and more efficiently. Administration is simple and support is very fast and capable. With the use of B2Win Suite, we need less ERP modifications. //**

**Tone Starc**  
Director of IT / CIO





**// NAZDAQ is making a large contribution toward easing the pain we've had migrating from on-premise to cloud in terms of having access to our data in CloudSuite. It's also allowing us to automate manual processes when it comes to combining ERP data with other data sources. //**

**David Geis**  
DRT  
Chief Information Officer





## About NAZDAQ

NAZDAQ has served over one thousand companies worldwide since 1999; many Fortune 500 companies and ten of thousands of individual enterprise software users benefit from NAZDAQ's services and use NAZDAQ's products daily.

NAZDAQ offers B2Win Suite, an on premises/cloud based innovative, extensible enterprise platform that unifies essential functionalities for data integration, reporting, and output management. B2Win Suite works in conjunction with ERP and other business systems and strongly integrates with Infor CloudSuite, Infor LN, Baan and M3.

For more information visit our website:  
**[www.nazdaq-it.com](http://www.nazdaq-it.com)**

## Some of our clients:

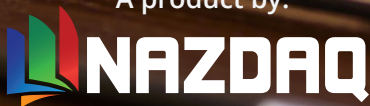


To learn more about **B2Data**  
or request a **Live Demo** visit our website:

[www.b2winsuite.com/b2data](http://www.b2winsuite.com/b2data)

Run Iterations		Run Results		Configurations		Triggers/Schedulers (5)		Log	
Iteration / Node	Status	Progress	Start Time	End Time	Stats	Duration		Pre-successors	
Iteration 2									
Query	COMPLETED	100%	16:20:03	02:00:00	Total Completed: 17	991 ms			
Query-2	COMPLETED		16:20:03	16:20:04	Inputs: 1, Outputs: 6	1 sec, 275 ms			
FileReader-2	COMPLETED		16:20:03	16:20:04	Inputs: 1, Outputs: 6	456 ms			
XLSXDataSource	COMPLETED		16:20:03	16:20:04	Inputs: 1, Outputs: 6	309 ms			
DataFrameLinker	COMPLETED		16:20:04	16:20:04	Inputs: 1, Outputs: 6	362 ms			
ITERATIONS: 30 COMPLETED, 2 FAILED, 1 RUNNING. Execution resumed.			16:20:05	16:20:05	Inputs: 2, Outputs: 6	666 ms		FileReader-2 XLSXDataSource.Query	

A product by:



[www.nazdaq-it.com](http://www.nazdaq-it.com)