



NAVdiscovery

The Qlik Connector
for Microsoft Dynamics NAV

www.navdiscovery.com

PRISMA INFORMATIK HAS DEVELOPED THE NAVDISCOVERY TOOLBOX SPECIFICALLY FOR USERS OF MICROSOFT DYNAMICS NAV, QLIK-VIEW, AND QLIK SENSE. NAVDISCOVERY MINIMIZES THE PRELIMINARY TECHNICAL WORK REQUIRED TO INTEGRATE THE SYSTEMS, AUTOMATES SCRIPT CREATION AND OFFERS NUMEROUS OTHER FEATURES.

Self-Service BI and Data Visualization with Qlik

As one of the world's leading BI platforms, the Qlik product family offers users boundless possibilities for analyzing information. Unlike traditional solutions, Qlik products are user-controlled and intuitive. Users can create new queries and analyses at any time without having to involve the IT department.

The analysis possibilities are almost unlimited: Negative contribution margins can be broken down by individual articles, for instance. Or users can find out which customer in which sales territory contributes to higher-than-usual costs for returns. Besides supporting custom analyses, Qlik products provide traditional standard reports and queries.

Alongside Microsoft Dynamics NAV, any desired applications and systems, such as SQL databases, Excel tables, CRM systems, or even online shops, can be connected as data sources.

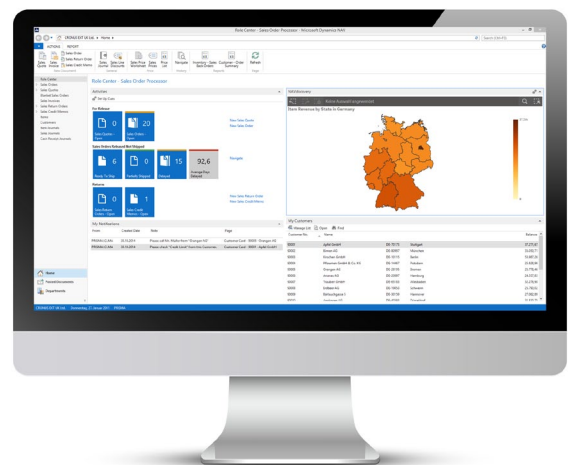
The leading BI platform **QlikView** supports the fast creation of guided applications. Users are not restricted to following predefined analysis paths, but can examine relevant data in all kinds of ways and analyze it independently.

Qlik Sense is the next-generation self-service application. The straightforward drag-and-drop user interface enables users to create custom visualizations, reports, and dashboards easily and independently.

NAVdiscovery Toolbox – Connector for Qlik and Microsoft Dynamics NAV

The preparation of the ERP data from Microsoft Dynamics NAV is usually a laborious and time-consuming task for users. The NAVdiscovery Toolbox was developed to simplify this work and to minimize the preliminary effort required to connect the Qlik products to Microsoft Dynamics NAV.

With NAVdiscovery, our customers do not need to have far-reaching knowledge of the Qlik products, nor does the IT department need to provide elaborate and costly support in the ETL process.



The Toolbox features a **Script Generator** to automatically generate the required scripts for data modeling. The **Grouping Function** enables the ERP data to be restructured for analysis purposes in any desired dimensions. Using **Dynamics NAV Integration**, QlikView and Qlik Sense analyses can be integrated directly into the ERP system's interface.

NAVdiscovery is available for: Microsoft Dynamics NAV 2015, 2013 R2, 2013, 2009 R2, 2009, 5.x, and 4.x
Information on NAVdiscovery in combination with another version can be provided on request.

NAVdiscovery Script Generator

Customizations in the ERP data are especially valuable for our customers.

For this reason, NAVdiscovery does not provide a ready-made script as do other connector solutions. Rather, the Qlik data model can be automatically generated from the respective NAV environment.

NAVdiscovery enables all customer-specific extensions and adjustments to be transferred this way – irrespective of the databases'

degree of customization.

The NAVdiscovery Script Generator can be used to create the Qlik data model for the different modules directly from the respective NAV environment.

Script creation takes place in a user-friendly and convenient manner. With NAVdiscovery, desired fields can be easily selected, automatically renamed and connected.

Export Type	No.	Table Name	Table Caption	Description	No. of Field Definitions	Load Pr
Table	18	Customer	Customer		1	
Table	21	Cust. Ledger Entry	Cust. Ledger Entry		4	
Module	CALENDAR			Eng. Calendar	0	
Module	EXIT			Exit Script	0	



At a glance

- Simple table selection directly from the respective ERP environment
- Convenient linking of table relations
- Simple table mapping
- Automatic export of option strings
- Automatic export of desired field names / multi-language support
- Qlik-compliant date formatting

NAVdiscovery Grouping Function

The NAVdiscovery Grouping Function allows ERP data to be restructured for analysis purposes without the need for additional extensions within Microsoft Dynamics NAV.

The individual dimensions can be adjusted according to the respective requirements at any time. New dimensions can be added whenever needed.

The Grouping Function offers a wide range of applications for various purposes.



At a glance

- Charts of accounts
- Financial statements according to applicable laws and regulations
- Profit and loss accounts, management analysis
- Groupings of accounts for key performance indicators (KPI)
- Cost center, cost unit and cost element planning
- Creation of cluster analyses for customers, articles, etc.

Description	Level	No. of Elements	Attached to Line No.	Attribute 1	Attribute 2
All Countries	0	0	10000		
Primary Sales Area	1	0	10000		
Europe	2	7	20000		
Rest	2	6	20000		
Secondary Sales Area	1	0	10000		
Europe	2	7	50000		
Rest	2	45	50000		

NAVdiscovery Interface Design

With the various analysis layouts already integrated in the Toolbox, users can work immediately with the interfaces tailored to their department, or they can adjust and extend them according to their needs.

The layout templates are based on the scripts generated beforehand and are adapted according to the individual departments. These basic layouts can be flexibly combined with one another, customized and extended.



At a glance

- Pie charts
- Line charts
- Bar charts
- Combination charts
- Tables
- Pivot tables
- and more

Dynamics NAV Integration

The NAVdiscovery Toolbox allows QlikView and Qlik Sense analyses to be integrated directly into the interface of Microsoft Dynamics NAV. In this way, the analysis possibilities within the ERP system can be considerably expanded.

Using Dynamics NAV Integration, Qlik objects can be embedded into the system on different levels. Integration is possible on one of the main start pages, in list views, or on more detailed levels, depending on needs.

Basically speaking, any desired Qlik components can be integrated on any page into Microsoft Dynamics NAV:

- Role Center
- Card page
- List page

The Qlik objects remain completely interactive within Dynamics NAV – just as if one were directly in the application.

The screenshot displays the Microsoft Dynamics NAV interface for a customer card. The main window shows the 'Edit - Customer Card - 90001 - Apfel GmbH' with various fields for general information, contact details, and financial data. A 'NAVdiscovery' window is overlaid on the card, showing a 'Margin by Item and Salesperson' table and a 'Sales History' table. A Qlik pie chart is also visible, showing the distribution of sales by item: Strawberry (28.1%), Grapes (15%), Cabbage (28.9%), and Potatoes (28%).

Item	MD	AH	MD	AH	AH	MD	MD
Potatoes	71%	71%	57%	57%	33%	38%	38%
Cabbage	57%	57%	33%	33%			
Grapes					33%	38%	38%
Cherrys							38%
Strawberry							

Customer No.	90001
Quotes:	0
Blanket Orders:	0
Orders:	0
Invoices:	0
Return Orders:	0
Credit Memos:	0
Patd. Shipments:	72
Patd. Invoices:	72
Patd. Return Receipts:	0
Patd. Credit Memos:	0



At a glance

- Direct integration of any desired Qlik elements in Dynamics NAV
- Integration possible on any level of the ERP system
- Fully interactive
- Expand analysis possibilities within Dynamics NAV considerably
- Process controlling in realtime



Certified Solution

The NAVdiscovery Toolbox is a solution certified for Microsoft Dynamics NAV 2013 (CfMD).

A separate number range with no need to change standard objects allows for conflict-free integration into the respective ERP environment.

Our customers are thus able to implement Qlik products into their software environment within a very short time.

About prisma informatik

As a certified Microsoft ERP Gold Partner, we have far-reaching expert knowledge of the process structures in Microsoft Dynamics NAV. Our experience enables us to give our customers optimum support in data selection and preparation.

With our competence as a Qlik Solution Provider, we are very familiar with the development environment of the Qlik product family and can support you during the implementation according to your needs.

Our expertise in both areas helps you achieve valuable results quickly and efficiently.

Microsoft Partner

Gold Enterprise Resource Planning
Silver Data Analytics



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