Unbeatable BI Content with Unseen Flexibility for BC (NAV)

All SQL code (1,500 BI fields) is generated automatically. Any change to existing or new functionality is just one click away.

RESOLVE YOUR ANALYSIS AND REPORTING NEEDS FOR ONCE AND FOR ALL.
What makes BI4Dynamics the preferred choice for enterprises?

<table>
<thead>
<tr>
<th>Data Warehouse</th>
<th>Grows with your business</th>
<th>Ready to use</th>
<th>Optimized Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaner, more flexible and less expensive Data Warehouse. Expandable to complex data models with many contributing entities.</td>
<td>Scalable for larger databases with intensive daily processing - millions of rows or terabytes of data is business as usual.</td>
<td>1,500+ BI fields built based on hundreds of implementations are ready to give you meaningful results in a couple of clicks.</td>
<td>BI4Dynamics is optimized for best-class performance using SSIS, incremental update and partition process.</td>
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<th>External sources</th>
<th>Different NAV versions</th>
<th>Internal resources</th>
<th>Finish in 1 day</th>
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<td>With SSIS packages that can be easily added to the BI4Dynamics process flow. Create new cubes based on imported data.</td>
<td>BI4Dynamics supports out of the box from Microsoft Dynamics NAV 3.1 to Dynamics BC. Data are joined into one Data Warehouse.</td>
<td>An IT savvy person can deliver a full Data Warehouse with a speed of delivery and customization possibilities unseen in the industry.</td>
<td>Deploy and process standard part of Business Intelligence project in 1 day! There is no risk involved. You can try it free for 30 days.</td>
</tr>
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</table>

COMPLETE BI SOLUTION IS ALREADY DEVELOPED TO EMPOWER YOU INSTANTLY WITH MEANINGFUL INFORMATION.
Data Warehouse Automation

Most of the tasks can be delivered by Dynamics consultants with knowledge of Dynamics tables. All the scripts and documentation is generated automatically.

SIGNIFICANTLY IMPROVES USERS PRODUCTIVITY.
Data Warehouse Automation (DWA)

Data Warehouse Automation tool accelerates and automates BI4Dynamics Data Warehouse. It generates all SQL code automatically. It enables any change to existing or new functionality with a click of a mouse.

**Modelling is based on metadata**
This powerful concept ensures that all properties such as fields types, table relations, primary keys, etc. are intuitively entered to the user interface. This brings customization of Data Warehouse to a completely different level.

**Empowerment of BC (NAV) consultants**
BC (NAV) consultants can deliver most tasks with brief training since the key to success is understanding Microsoft Dynamics data structures. BI Project can be either edit or build in the five simple steps using the same tool as for developing cubes that come out-of-the-box with BI4Dynamics.

**100% open SQL scripts for modifications**
DWA generates SQL scripts (T-SQL, XML) that are 100% open for any modification.

**Mix automatically generated and manual SQL code**
This feature supports further DWA generation of the same script and preserving manual code intact.

**Also, the documentation is automated**
Complete documentation is generated automatically with a click of a mouse. Documentation delivers all technical details about Data Warehouse architecture, Data Warehouse and OLAP Cubes formulas, dimension hierarchies, top tables information and even execution times of top procedures.

**SELF-SERVICE BI BEYOND YOUR IMAGINATION.**
Is Power BI enough?

Microsoft Dynamics ERP has complex structures and customizations may result in never-ending BI project, even with Power BI. Managing larger data and more complex models are known Power BI issues.

Complexity of BC (NAV)
If your primary data source is Microsoft Dynamics ERP with thousands of available tables to store your valuable data, then the BI project rapidly becomes complicated.

Overwhelming modeling
Modeling hundreds of tables is possible in Power BI, but it is not easy to manage, even when using the new ‘Modelling Views’ feature.

Performance or details
Power BI Performance on larger data sets is a known issue. Managing Aggregations feature helps with performance but disables analyzing data at a document level.

Additional services
Power BI brings first results relatively fast. But with the complexity of the project, it at some point requires additional services that need to be performed by BI specialist.

WHY COMPROMISE PERFORMANCE OR FEATURES?
Out-of-the-box

Model of 10 cubes is built on 10/15 years of BI/Dynamics experiences, has 1,500+ measures, dimensions and attributes from 150+ Dynamics tables.

ANALYZING YOUR DATA IS NOT A LUXURY, IT’S A NECESSITY.
Sales cube comes with **299 measures** organized in five measure groups:

### Sales Values:
Gross/Net Sales, Costs, Discounts, Profits, Charges, Averages, date comparisons, Last transactions from standard invoiced transactions as well as from specific NAV information like Expected values (Net Sales, Profit, Cost), Non-Adjusted values (Cost, Profit) or Original Profit from original document.

### Sales Order History:
A daily snapshot of live Sales documents (T36 and T37) is saved into a snapshot database (a part of DW) and kept "forever". Analyze Sale documents history long after documents have been changed, posted or deleted by any measure.

### Sales Delivery:
Track your company delivery performance toward your customers by following measures On-Time or Late (Days / Amount / Qty / Lines) by four different dates (Planned Delivery, Planned Shipment, Promised Delivery, Requested Delivery).

### Sales Budgets & Sales Quantities:
Measure groups are sharing **38 dimensions** with **476 attributes** in **71 hierarchies**.
Receivables

Receivables are the most standardized business area, and the cube comes with 40 measures organized in two measure groups:

**Receivable Analysis:**
Analyze balances (Average Due / Open / Overdue day – these measures calculated as weighted averages). Balances are calculated daily for every open document, with the option to compress on a weekly or monthly level for prior periods (to gain performance and save disk space).

**Customer Analysis:**
Get insight into customer transactions (with standard Debit, Credit, Net change and Payment terms also as weighted average, as well as some specific measures Sales on Credit as amount and percentage).

Measure groups are sharing 18 dimensions with 227 attributes in 34 hierarchies.
Finance

Finance cube comes with **31 measures** organized in three measure groups:

**General Ledger:**
Analyze transactions and balances.

**General Ledger Budget:**
Analyse budget and budget variances.

**Financial Statements:**
Use NAV reports from Account Schedules where by combining any standard BI and global dimension user gets unimaginative flexibility for financial reporting in Excel or Power BI.

Measure groups are sharing **28 dimensions** with **215 attributes** in **33 hierarchies**.
Inventory

Inventory cube comes with **64 measures** organized in three measure groups:

**Inventory Value:**
Analyze Cost and Quantity (Amount, Increase, Decrease) by Entry type (in multiple variants of measure), Average costs and Expected values (Posted to GL or Inventory Cost).

**Inventory State:**
Track dynamics of your Inventory (Opening / Closing Qty and Value Balances, Stock Rotation in days, Min / Max Values, Average Qty and Value over time).

**Inventory Aging:**
Track Ageing value and quantity from first NAV transactions with all changes over time by detailed aging buckets.

Measure groups are sharing **21 dimensions** with **174 attributes** in **16 hierarchies**.
Purchase

Purchase cube comes with **122 measures** organized in four measure groups:

**Purchase Values:**
Analyze the cost of Items, GL postings (services), Charges and Fixed Assets (Cost amount, Discount, Quantity, Price, Last purchase transactions) from standard invoiced transactions as well as from specific NAV information like Cost Amount Expected.

**Purchase Order History:**
A daily snapshot of live Purchase documents (T38 and T39) is saved into a snapshot database (a part of DW) and kept “forever”. Analyze Purchase documents history long after documents have been changed, posted or deleted by any measure that you would expect or need. Very useful for companies with long delivery cycles.

**Purchase Delivery:**
Score vendor performance as the difference in planned date (Exp. Delivery Date or Planned Received Date or Promised Receipt Date or Requested Receipt Date) and actual Receipt date and calculate measures On-Time or Late (Days, Lines, Amount and Qty) as value and %.

**Purchase Budgets:**
Measure groups are sharing **35 dimensions** with **429 attributes** in **65 hierarchies**.
Payables

Payables cube comes with 40 measures organized in two measure groups:

**Payables State:**
To analyze vendor payment habits (Payment Term / Open / Overdue Days – all measures calculated as weighted averages), Days Payables Outstanding and Payable Coefficient. Balances are calculated daily for every open document, with the option to compress on a weekly or monthly level for prior periods (to gain performance and save disk space).

**Vendor Analysis:**
To get insight into vendor transactions with specific measures Purchase on Credit as amount and percentage).

Measure groups are sharing **18 dimensions** with **225 attributes** in **32 hierarchies**.
Manufacturing cube comes with 36 measures organized in tree measure groups:

Manufacturing:
Analyze Input, Output, and WIP (work-in-progress) expected and actual values with details “from which input products have been produced” or “where (for which Item) a consumed material has been used”.

Manufacturing Expected:
Information about expected values (before starting Production Order) with measures like Cost, Quantity, Run Time and Setup Time.

Capacity Calendar:
Analyze capacity, actual and variance of Work Centres (people, machines).

Measure groups are sharing 19 dimensions with 166 attributes in 21 hierarchies.
Analysing Jobs requires flexibility on details. Job cube comes with **119 measures** organized in three measure groups:

**Job Actual:**
Track Sales (Net, Gross, Discounts, Profits) and Hours with Actual and Expected values with details related to Item, GL, and Resource.

**Job Planning:**
Compare Scheduled and Contracted measures and compare it with Actuals as absolute or relative numbers (% Complete and % Contracted).

**Resource Capacity:**
Analyze capacity and utilization of Resource.

Measure groups are sharing **20 dimensions** with **199 attributes** in **33 hierarchies**.
Retail

Retail cube comes with 175 measures organized in seven measure groups:

**Retail Payments:**
Analyze payment trends (types, averages)

**Retail POS Batch:**
Analyze Gross / Net Sales (per Line, M2, Staff, Store, Terminal), Profit and Qty, Basket Value, Store Size, Returns, Tax, and Discounts.

**Retail Sales Transactions:**
Analyze Gross / Net Sales (per Line, M2, Staff, Store, Terminal, Assortment), Profit and Qty, Basket Value, Store Size, Returns, Tax, and Discounts.

**Retail Stock Information:**
Track Store Area M2 that is used for calculation of averages in other measure groups.

**Retail Transaction Table:**
have a more condensed view over retail sales and payments.

**Retail Voided Payments, Retail Voided Sales Transactions.**

Measure groups are sharing **32 dimensions** with **212 attributes** in **38 hierarchies**.
Sign up for a trial today

You will receive a full unrestricted BI4Dynamics license, with all modules activated and our unique Data Warehouse Automation tool for 30 days. We will also set up and install the solution across your data free of charge.