What’s New in Microsoft Dynamics NAV 2015

Tom Taylor
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Microsoft
Great Product - Microsoft Dynamics NAV 2015

A business solution from Microsoft – that is quick to implement, easy to use and has the power to support SMB ambition

**Quick to implement**
- RapidStart Implementation
- RapidStart Upgrade – Code
- RapidStart Upgrade – Data

**Easy to use**
- Tablet Experience
- User Experience Enhancements
- Simplicity
- More Office 365 Integration
- Document Reporting

**Power to support**
- Cash Management
- Microsoft Social Listening

Icons indicating on-premises, mobile, and cloud deployment options.
Available now:

Microsoft Dynamics NAV 2015

As of October 1st, 2014
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RapidStart Implementation

- In Microsoft Dynamics NAV 2015,
  - RapidStart Services helps meet the needs of Microsoft partners responsible for creating, setting up, and initializing new installations of Microsoft Dynamics NAV.
  - This release offers the possibility to map values from an existing ERP system into your Microsoft Dynamics NAV implementation during migration of your customer’s data.
  - In addition, tool support is provided to help clean up and process that data that you want to import. For example, you can easily convert dates and decimals to the format required by regional settings on a user’s computer.
RapidStart Upgrade - Code

- In Microsoft Dynamics NAV 2015,
  - we have introduced a new feature called Application Merge Utilities (AMU), which help partners upgrade their custom solution - application code and metadata - from version to another, or from one cumulative update to another.
  - Also, supporting tools for general handling of application files and managing application languages and captions are introduced.

| No dependencies on Dynamics NAV Servers or Databases. Operates on a single TXT files or on directories | Can be used across versions, and is backwards compatible with C/SIDE | Additional capabilities to manage languages and captions, and to split/join TXT files | Standard PowerShell cmdlets, fully scriptable, and very fast! | Using Model Knowledge to do smart merges. The built-in memory-model is first brick in a new model-infrastructure |
RapidStart Data - Upgrade

- In Microsoft Dynamics NAV 2015,
  - we have introduced a new way of running the data upgrade logic which migrates data from the old table structure of the previous version of the product to the new table structure of the new version.
  - The data upgrade is now prepared and run with the help of a new upgrade codeunit. The data upgrade was enhanced to optimize the performance and provide developers with a superior tool for testing, automating, tracking progress and troubleshooting of the data upgrade code.

| Simplifies the upgrade environment because all steps are performed by the latest version of the product. | Increases data upgrade performance executes in parallel within the upgrade codeunit & across company | Reduces the amount of code to be written to handle the data upgrade now executed by Dynamics NAV Server | Minimizes the number of manual actions, making the data upgrade process less error-prone. | End-to-end sample PowerShell script for performing data upgrade (on the DVD) |
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![Diagram showing On-Premises and Cloud options]
In Microsoft Dynamics NAV 2015,

- we have launched Microsoft Dynamics NAV for modern Windows, Microsoft Dynamics NAV for iPad and Microsoft Dynamics NAV for Android, which allow users in small and midsized businesses to get access to the data they need from the device they prefer.

- While the Microsoft Dynamics NAV Windows Client and Dynamics NAV Web Client are designed for mouse and keyboard interaction, Dynamics NAV for tablets has a modern, fast and fluid interface built exclusively for touch.

- Customers run dynamic businesses. Our strategy is founded on the premise that a single app cannot possibly satisfy every customer’s unique and changing needs. We therefore provide the building blocks so that partners can easily craft beautiful, role-tailored experiences for tablets. Developing new content for tablets becomes a simple task, without the maintenance headache of different devices or platforms. In fact, Microsoft Dynamics NAV for tablets is entirely powered by your Dynamics NAV server, including the tables, pages and business logic you already use today. Because this is all built upon the same technology as the Dynamics NAV Web Client, you will install, configure, secure, license, and extend in the same manner.
Benefits Tablet Experience
Why end-users will love it

**Designed for Touch**
Swipe and tap to easily navigate your business data.

**Simple, Intuitive**
Do more with less using an elegant, fast, and fluid interface which puts content first.

**Familiar**
Looks and feels like Office. Unmistakably Microsoft Dynamics NAV.

**On your device**
Get it from the Windows Store, iOS App Store or Google Play.

**RoleTailored**
One app, many possibilities with Microsoft Dynamics NAV RoleTailored technology.
User Experience Enhancements

- **In Microsoft Dynamics NAV 2015,**
  - we have introduced a new feature called **Enhanced Cues.**

- **Enhanced Cues** are special cue tiles that apply custom formatting to any computed numerical value such as the number of open sales invoices and a custom tile icon (or no icon).

- **Enhanced Cues** can also show an indicator that changes color based on the data values that the tile reflects. This provides a visual signal of the status of the data based on conditions for favorable and unfavorable thresholds. For example, the tile can show a red bar if the number of open sales invoices is less than 5.

- The initial thresholds for the visual clues are set by an administrator or super user, but the end user can modify them to better fit their workflow or situation.
Microsoft Dynamics NAV helps you to focus on the most important activities by presenting striking **Operational BI Dashboards** with fully customizable KPIs, custom formatting and icons in any activity center.

Microsoft Dynamics NAV alerts you and helps you make the right decisions by pointing your attention to the most important activities using configurable **color indicators** based on tile values.

Secure **better organizational messaging** by presenting **highly visible KPIs** across a company with drill-down entry points to underlying data.

Be more productive on the go or on the couch with the **Enhanced Mobile Experience** of customized tablet-friendly Role Centers that highlight critical data and KPIs.
Simplicity

- **In Microsoft Dynamics NAV 2015**
  - **Simplifications**
    - We have introduced four features called Mandatory Fields, Auto-fill the No. Field, Totals on Documents, and UI Elements Removal, all of which support a simplified user experience.
    - For the end-user performing a task infrequently, the user interface can sometimes seem very complex, so we have introduced these features to help these users perform their tasks more efficiently. The simplifications make pages easier to read and navigate in and make tasks easier and faster to perform.
  - **“Simplified UX”**
    - In addition, we are shipping a set of simplified pages and related objects under the name of Simplified UX. Simplified UX contains simplifications with focus on basic sales and purchase scenarios for smaller businesses.
    - Partners can use Simplified UX to build their solutions upon, whether it is an extension, a modification, or just a part of the Simplified UX that is being used.
The UI Elements removal tool can reduce pages to show only what is really relevant for the user, making the pages much simpler.

**Benefits Simplicity**

- **Easier page overview and processing**
  - Mandatory Fields: Users get a better overview of their process, especially users that use a page infrequently.

- **Faster processing**
  - Auto-fill No. Field: User can now process documents faster when the document type has a unique number series.

- **Easy invoice review**
  - User can easily check if document lines have been filled as expected, by reviewing totals and VAT amounts.

- **Simpler pages**
  - The UI Elements removal tool can reduce pages to show only what is really relevant for the user, making the pages much simpler.
More Office 365 Integration

- **In Microsoft Dynamics NAV 2015**

We have introduced open standard to authorization (**Oauth**) support on Microsoft Dynamics NAV web services (OData and SOAP) to support integration with Power BI and enable the sharing of BI content using refreshable Microsoft Dynamics NAV data feeds in O365.
Benefits More Office 365 Integration

Get productive by using fresh data with single sign-on. Refresh your BI data in Excel directly from Microsoft Dynamics NAV using native Power BI features.

Easy to use Microsoft Dynamics NAV, Office 365 and Power BI in combination as only single sign-on is needed.

More seamless integration as add-ons and ISV solutions deliver a highly secure Office 365 and Microsoft Dynamics NAV authentication.
Introducing Microsoft Word as a report layout option

- Customers and partners ask for a Word solution, a well-known tool that can produce superb looking document reports.
- Word provides an easy self-service/customization story.
- Word is a natural companion for a Microsoft ERP system, and aligns well with our tight integration to Office and O365.

Supports tenant specific layouts

- A single report can now have many layouts, either RDLC, Word, or both.
- One of the RDLC and Word layouts can be built into the application object and shared by all tenants.
- On top of the built-in layout, there can be as many tenant specific customizations as needed, stored in business data.
- End users can control which layout for a given report in a solution is the active one.
**Benefits Document Reporting**

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<td><strong>Layout is free flow</strong> — it is easy to change fonts or insert new text, for example, a holiday greeting or images</td>
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End users can use familiar Microsoft Word to customize document reports. Layout is free flow — it is easy to change fonts or insert new text, for example, a holiday greeting or images. Editing experience is WYSIWYG.
Limitations of Microsoft Word reports

- Microsoft Word is not suitable for complex precision layout or very large documents.

- Conditionals, for example, for visibility, are not supported.

- Number formatting is limited to built-in Microsoft Dynamics NAV number formatting.

- Microsoft Word 2013 is required for layout changes.
What about Report Definition Language Client-side (RDLC)?

- **Still our main reporting story**
  - RDLC provides a good foundation for report design and is still our strategy moving forward.
  - RDLC is stronger for conditional and precision layout and for lists, grouping etc.
  - We are shipping new, simplified RDLC sales document reports

- **RDLC now also supports end user customization of reports**
  - All RDLC reports can now be customized, tenant specific, by end users.
  - RDLC reports are customized using the Microsoft SQL Report Builder.
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Cash Management
Microsoft Social Listening

On-Premises

Windows

Android

Apple

In the Cloud
Enhancements to Cash Management

FROM Microsoft Dynamics NAV 2013 TO 2015

<table>
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<tr>
<th>Electronic payment creation</th>
<th>Electronic payment registration</th>
<th>Bank reconciliation</th>
<th>Generic electronic banking</th>
<th>Bank data conversion service</th>
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| Better control when creating payment proposals | New UI for payment registration
  Strengthened automatic application
  Easy to review and change applications | Side by side UI for Bank reconciliation
  Better automatic matching capabilities | Data exchange framework for handling import and export of bank files
  Support for SEPA formats | Multiple electronic formats supported
  First Bank Account for free
  Worldwide coverage |

Better control of the cash flow in your business

Cost focused "out-of-the-box" cash management solution
Announcing:

NEW Bank file conversion service hosted on Microsoft Azure, integrated into Microsoft Dynamics NAV 2015

- First bank account available at no additional cost to customers on Microsoft Dynamics NAV 2015

- Get bank transaction files in correct bank format to use as electronic input for bank payments as well as import bank transactions as registration of payments in Microsoft Dynamics NAV

- Services provided by AMC Consult
Microsoft Social Listening

Vjekoslav Babić
Microsoft Dynamics NAV MVP
December 2014

How Do I Configure and Use Microsoft Social Listening in Microsoft Dynamics NAV 2015
Great Product - Microsoft Dynamics NAV 2015

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On-Premises  In the Cloud

[Images of devices and cloud]
Microsoft Dynamics NAV

- Microsoft Dynamics NAV 2015
- Microsoft Dynamics NAV 2013 R2
- Microsoft Dynamics NAV 2013
- Microsoft Dynamics NAV 2009 R2
- Microsoft Dynamics NAV 2009 Developer and IT Pro Documentation
- Technical Articles
- Microsoft Dynamics NAV 2009 Privacy Statement

Support Tools: Microsoft Development Network
Support Tools: Microsoft Development Network

Microsoft Dynamics NAV Dev Center
Get the information you need to design, develop, and distribute solutions for Microsoft Dynamics NAV

- Developer Tools
- Team Blog
- What's New for Developers
- Cumulative Updates
- Events
- Developing for Tablet
- Upgrade
- Technical Reference

Microsoft Dynamics NAV News

Ready for a Coffee Break?
Coffee Break – keeping stuff in the cloud
4/24/2015

Coffee Break – Using Windows PowerShell to provision virtual machines
4/18/2015

Watch Out for Zombies When Using Microsoft Dynamics NAV with “exact abort” Enabled
4/15/2015

The Help Update for April is Out
As you probably already know we publish updates to our MSDN library every month. I find the April edition here:
 MSDN Library

New Videos Uploaded
The latest videos have been uploaded - check them out:
 Videos FAQ 2019
Additional Resources

Microsoft Development Network (MSDN)
What’s New: Application Changes for Microsoft Dynamics NAV 2015
What's New: Developer and IT Pro Changes for Microsoft Dynamics NAV 2015
Microsoft Dynamics NAV 2015 Videos

Microsoft CustomerSource
Microsoft Dynamics NAV 2015 Product Download
Deploy your own Microsoft Dynamics NAV 2015 demo environment on Windows Azure

Perfect opportunity to register for a Free Azure Trial and deploy demo environment from the Azure Gallery
Additional Resources

Microsoft NAV 2015 (10) Customersource E-Learnings
- What's New Functional in Microsoft Dynamics NAV 2015
- What’s New Technical in Microsoft Dynamics NAV 2015
- Introduction to Microsoft Dynamics NAV 2015
- Finance Essentials in Microsoft Dynamics NAV 2015
- Finance Advanced in Microsoft Dynamics NAV 2015
- Fixed Assets in Microsoft Dynamics NAV 2015
- Application Setup in Microsoft Dynamics NAV 2015
- Installation and Configuration in Microsoft Dynamics NAV 2015
- Development Environment Introduction in Microsoft Dynamics NAV 2015
- Development Environment Solution Development in Microsoft Dynamics NAV 2015

In addition, there are NAV 2009 (65), NAV 2013 R2 (11), NAV 2013 (21) E-Learnings available
Thank you for your business!