

Dynamicweb eCommerce NAV Integration

Version: 1.1
2012.06.15
English

LEGAL INFORMATION

© Copyright 2008-2012 Dynamicweb Software A/S (Ltd).

All rights reserved. Alteration or reproduction of this document or parts hereof is strictly prohibited, regardless of form or means, unless explicit permission has been acquired from Dynamicweb Software.

Dynamicweb is a registered trademark of Dynamicweb Software.

Company and product names mentioned in this document may be registered trademarks or trademarks of third parties.

CONTENTS

Introduction	v
What this document is about	v
Who this document is for	v
Related documents	v
1 Module basics	1
1.1 Functionality	1
1.2 The project.....	1
2 Installation and configuration	3
2.1 Fields	3

INTRODUCTION

What this document is about

This document gives a general description of the Dynamicweb eCommerce NAV Integration module and provides basic guidelines for integrating a Dynamicweb eCommerce solution with Microsoft Dynamics NAV.

Who this document is for

This document is for technical staff that will be installing and maintaining the integration between Dynamicweb eCommerce and Microsoft Dynamics NAV.

Related documents

- **TA-9221 Document Conventions:** Gives an overview of the typographical and writing conventions used in manuals and documentation from Dynamicweb Software.

1 MODULE BASICS

The integration between Dynamicweb eCommerce and Microsoft Dynamics NAV is a new feature making it possible to manage all e-commerce information in one central place: The ERP system. All necessary information is automatically transferred between the two systems – either in bulk changes or in real-time transactions.

The main benefit to this approach is the fact that you do not need to create or manage additional business logic. Dynamics NAV handles all business logic in one single place. This approach saves time, increases quality and creates a more agile business.

The Dynamicweb NAV Integration works together with all existing Dynamicweb CMS and Dynamicweb eCommerce functionality, so in essence you get the better of two worlds.

This document describes the features included with the NAV Integration module for Dynamicweb eCommerce.

1.1 Functionality

Dynamics NAV manages and stores the following information and the NAV Integration module bulk transfers the information to Dynamicweb eCommerce:

- Product master information
- Group information
- Variant information
- Related products information
- Units
- Currency
- Custom fields
- Customer information

The following information is also managed in Dynamics NAV. However, Dynamicweb eCommerce displays the information to the customer in real-time. Provided, that there is a link between Dynamicweb eCommerce and Dynamics NAV. Dynamicweb eCommerce will default to the replicated data, if the ERP-system is not online.

- Price information
- Sales discount information
- VAT information

Dynamicweb eCommerce generates the following information, and transfers the information directly to Dynamics NAV in real-time. Dynamicweb eCommerce will store the information locally, if the ERP-system is not online, and will resend the information, when the ERP-system is back online.

- Order information
- Order line information
- Customer information

1.2 The project

It is very important to understand that this integration is not a typical standard Dynamicweb eCommerce module. Dynamicweb NAV Integration includes a lot of standard functionality making it easier and faster to implement such a project. However, you should be aware, that implementing the module will require ERP skills. If you are not skilled in this field yourself, you will need to collaborate with somebody, who has these skills. It is very common to see customers having different existing customizations in the ERP-system or customers wanting to implement a very specific custom functionality in Dynamicweb eCommerce.

Therefore, even though this integration includes lots of standard functionality, and even though this integration is easy to install, you must still be aware of all the potential risks in such a project. You can reduce the risk of falling into these pitfalls by involving an ERP-consultant.

2 INSTALLATION AND CONFIGURATION

The integration requires different components:

- New import/export pipelines in the Dynamicweb *Import/Export* module must be installed in Dynamicweb
- Assemblies containing all application logic including the real-time integration must also be installed in Dynamicweb.
- A *Navision Integration Manager* must be installed on the same server as the ERP-system

Dynamicweb automatically installs the import/export pipelines and the assemblies. Dynamicweb handles this by downloading all relevant files from a central server to the local site. The manager software is a self-extracting exe-file making it very easy to install. However, you should still need to be aware of the configuration settings which is a manual task.

2.1 Fields

The following list the fields from the Dynamicweb eCommerce database which can be used in the integration.

Group fields

- GroupID
- GroupLanguageID
- GroupName
- GroupNumber
- GroupSmallImage
- GroupLargeImage
- GroupDescription
- GroupAssortment
- GroupIcon

Product fields

- ProductID
- ProductLanguageID
- ProductDefaultShopID
- ProductNumber
- ProductName
- ProductShortDescription
- ProductLongDescription
- ProductStock
- ProductStockGroupID
- ProductWeight
- ProductVolume
- ProductVatGroupID
- ProductManufacturerID
- ProductActive
- ProductPeriodID

- ProductCreated
- ProductUpdated
- ProductType
- ProductPriceType
- ProductVariantID
- ProductImageSmall
- ProductImageMedium
- ProductImageLarge
- ProductLink1
- ProductLink2
- ProductPrice
- ProductDefaultUnitID
- ProductDefaultVariantCombID
- ProductPriceMatrixUnit
- ProductPriceMatrixVariant
- ProductPriceMatrixPeriod
- ProductPriceMatrixMultiplePrices
- ProductPriceMatrixQuantitySpecification
- ProductPriceCnt
- ProductVariantCnt
- ProductVariantProductCnt
- ProductVariantGroupCnt
- ProductRelatedCnt
- ProductUnitCnt

ProductCustomFields

- FieldName
- FieldSystemName
- FieldTagName
- FieldTypeID
- FieldTypeName
- FieldValue

Currency

- CurrencyCode
- CurrencySymbol
- CurrencyName
- CurrencyRate
- CurrencyIsDefault
- CurrencyCultureInfo
- CurrencyPayGatewayCode
- CurrencyRoundingID
- CurrencySymbolPlace

Unit

- UnitID
- UnitName

User

- AccessUserParentID
- AccessUserUserName
- AccessUserPassword
- AccessUserName
- AccessUserDepartment
- AccessUserEmail
- AccessUserPhone
- AccessUserFax
- AccessUserType
- AccessUserValidFrom
- AccessUserValidTo
- AccessUserPages
- AccessUserAreas
- AccessUserSettings
- AccessUserModules
- AccessUserInformation
- AccessUserMyFolder
- AccessUserAddress
- AccessUserAddress2
- AccessUserZip
- AccessUserCity
- AccessUserCountry
- AccessUserJobTitle
- AccessUserCompany
- AccessUserPhonePriv
- AccessUserMobile
- AccessUserCustomerNumber
- AccessUserRedirectOnLogin
- AccessUserCurrencyCharacter
- AccessUserRead
- AccessUserAcsiMap
- AccessUserPasswordDate
- AccessUserLastName
- AccessUserMiddleName
- AccessUserActive
- AccessUserBusiness
- AccessUserInitials
- AccessUserComment
- AccessUserLevel

- AccessUserInheritAddress
- AccessUserWeb
- AccessUserSort
- AccessUserStatus
- AccessUserStatusBegin
- AccessUserStatusEnd
- AccessUserStatusComment
- AccessUserEditorConfigurationID
- AccessUserHideStat
- AccessUserGroups