

# DOCUMENTATION

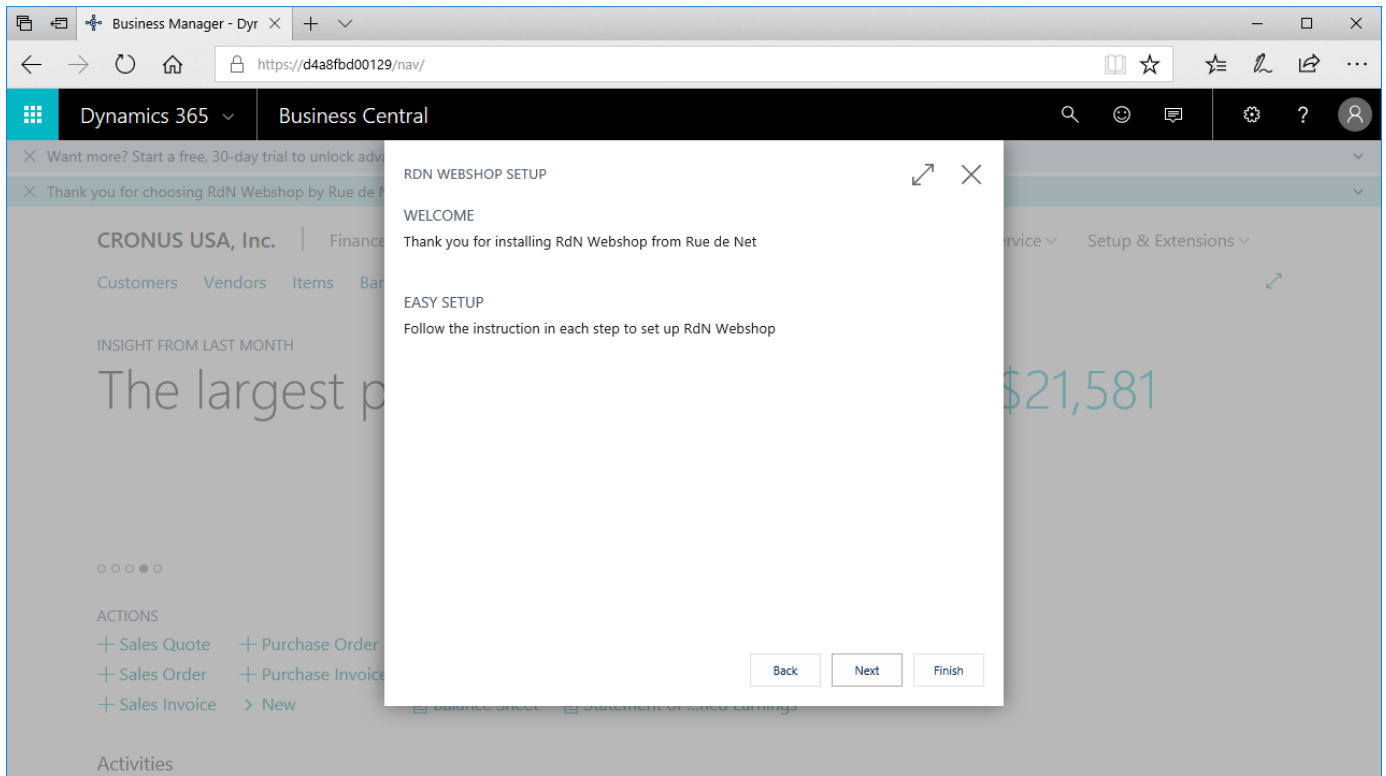
Discover how RdN Webshop can make your webshop management easier.

[VIEW DOCUMENTATION](#)

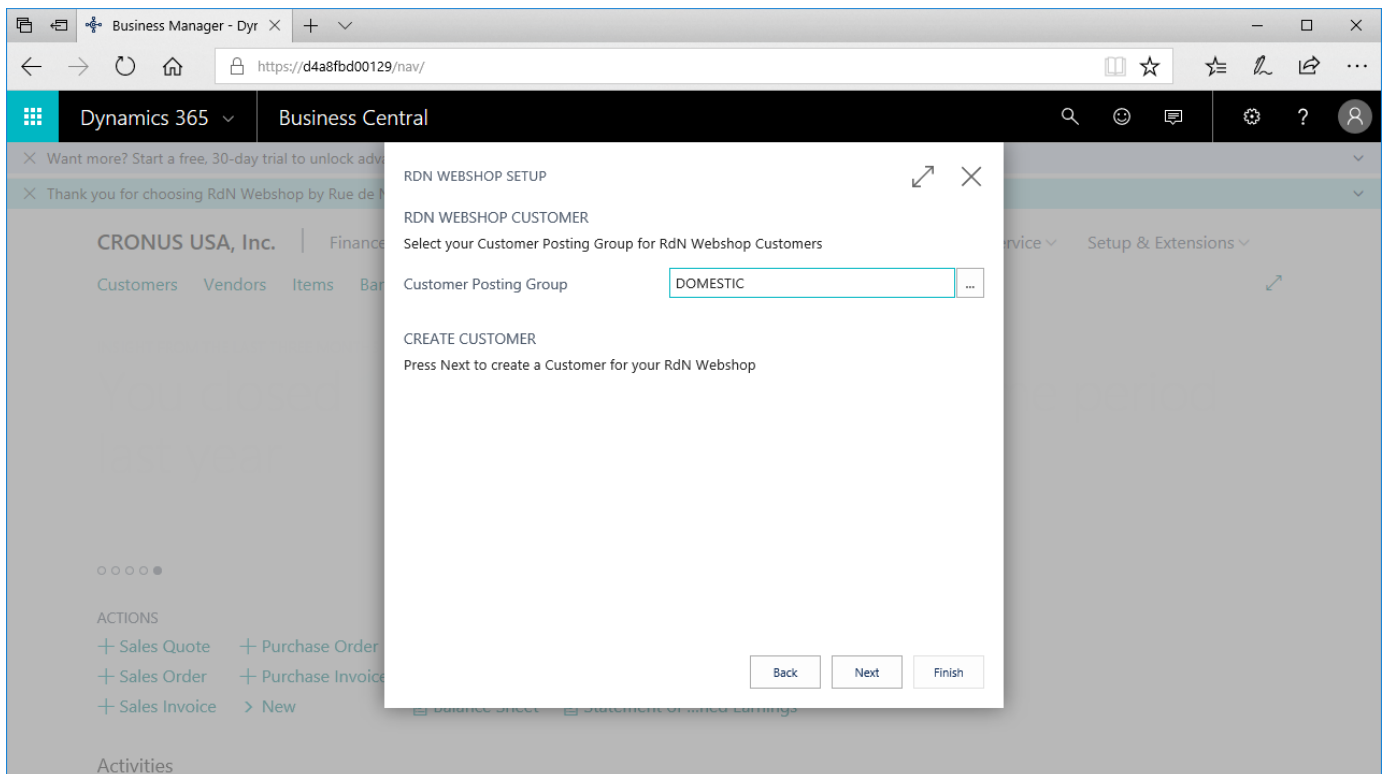
## RDN WEBSHOP ASSISTED SETUP

Before you can start using RdN Webshop you'll have to install the extension in Dynamics 365 Business Central you have to go to the assisted setup, either through a notification or through the assisted setup page.

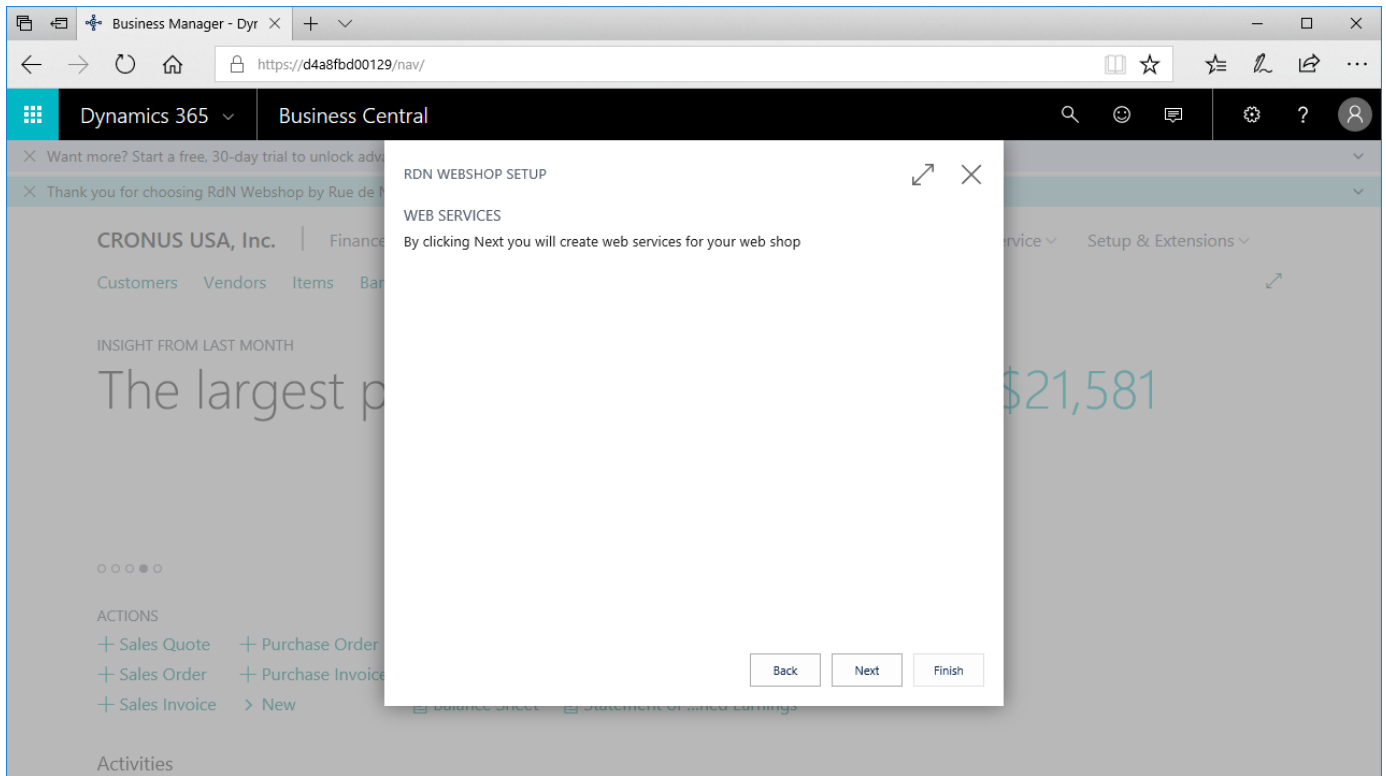
When you open the setup you'll first get the greeting page.



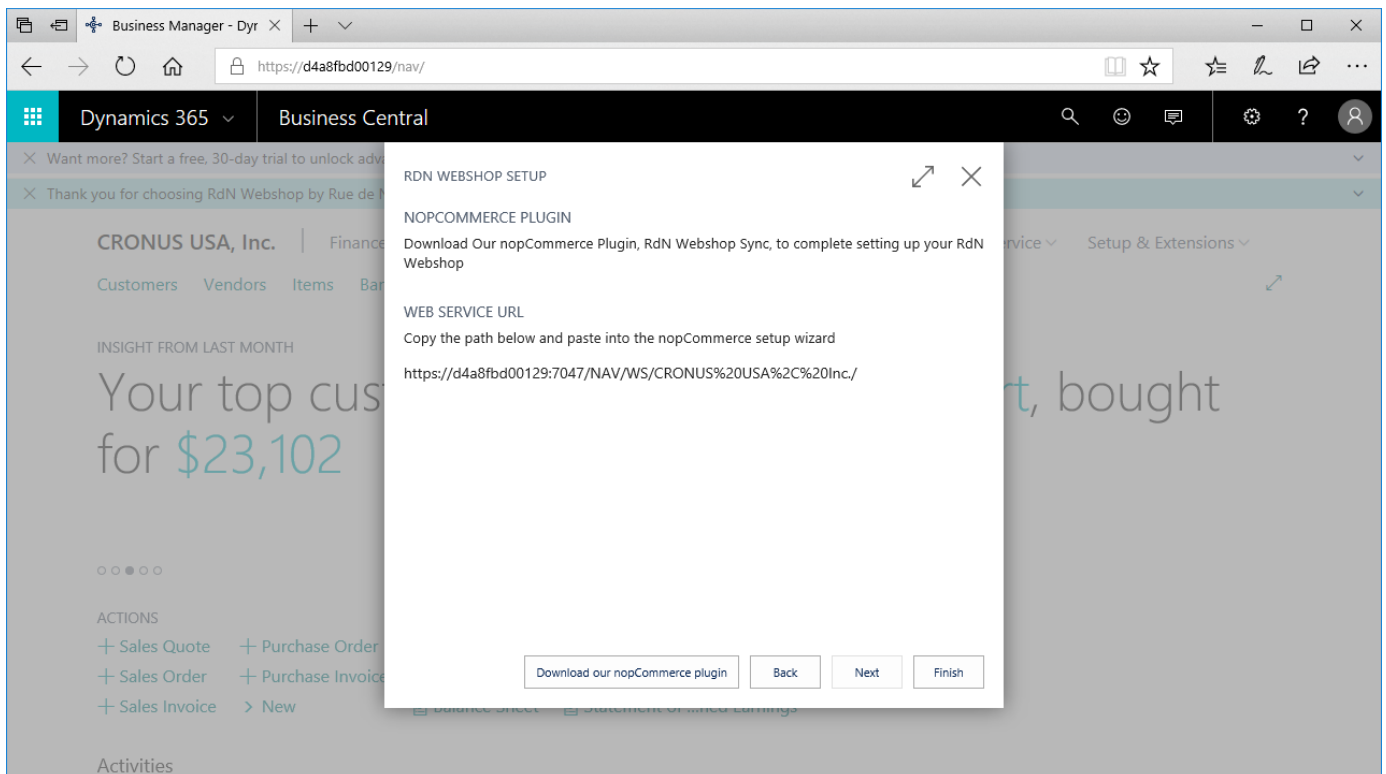
When you press **Next** the setup will ask you to select a **Customer Posting Group** for a new customer. Please select your domestic posting group.



Now when you press **Next** a customer for **RdN Webshop** will be created. All sales orders from your webshop will be posted to this customer.



The setup will then inform you that by continuing it will create **web services** for our app to communicate with **NopCommerce**.



Then it will instruct you to copy a path that we will use in the NopCommerce setup wizard. Save this path on your computer if you won't be using it soon.

The final step is to download our **NopCommerce** plug-in, **Web NAVSync**. When you have done that you can press **Finish** and your **RdN Webshop** setup is complete.

If you open your customer list now you can see a new customer. RdN Webshop.

**CRONUS USA, Inc.** | Finance | Cash Management | Sales | Purchasing | Approvals | Self-Service | Setup & Extensions

Customers | Vendors | Items | Bank Accounts | Chart of Accounts | RdN Webshop

**Customers:** [All](#) | Search | + New | Manage | Report | New Document | Customer | Page | Show all

10000 Adatum Corporation Robert Townes	0.00 0.00	20000 Trey Research Helen Ray	3,036.60 3,036.60
30000 School of Fine Art Meagan Bond	53,833.52 53,833.52	40000 Alpine Ski House Ian Deberry	4,316.92 4,316.92
50000 Relecloud Jesse Homer	8,836.80 8,836.80	C00010 <b>RdN Webshop</b>	0.00 0.00

**Power BI Reports**

An error occurred while trying to get reports from the Power BI service. Please try again or contact your system administrator if the error persists.

**Sell-to Customer Sales History**

0 Ongoing Sales Quotes	0 Ongoing Sales Blanket Orders	0 Ongoing Sales Orders	0 Ongoing Sales Invoices
0 Ongoing Sales Credit Memos	0 Posted Sales Shipments	0 Posted Sales Invoices	0 Posted Sales Credit Memos

# WEB NAVSYNC CONFIGURATION WIZARD

After you've installed **Web NAVSync** plug-in in **NopCommerce** open the Configuration Wizard.

**Configure - Web NAVSync** [back to plugin list](#)

Dynamics 365

**Dynamics 365 Web Service URL:** [?](#)

**Username:** [?](#)

**Password:** [?](#)

**Number of changes for each call:** [?](#)  [^](#) [v](#)

**Timeout in minutes:** [?](#)  [^](#) [v](#)

**Number of Retries:** [?](#)  [^](#) [v](#)

[Test Connection](#)

**Action Count**

**Current D365 ActionCounter:** [?](#)

[Save](#)

Begin by putting the path you copied in the **RdN Webshop** setup and paste it into the **Dynamics 365 Web Service URL**.

**Dynamics 365 Web Service URL:** [?](#)

Next, insert a Username and Password for a super user account in Dynamics 365. This account will be the account you use to exchange data with Dynamics 365. You can create a special account just for the webshop if you want, it just has to have super privileges.

Username: ?

admin

Password: ?

.....

The field **Number of changes for each call** is how many changes are synced to **NopCommerce** in each call to the Dynamics database. **Timeout in minutes** is how many minutes before you get a timeout error if connection is slow. And finally **Number of retries** is how many retries the task performs to get the changes from the database.

Number of changes for each call: ?

10

Timeout in minutes: ?

1.0000

Number of Retries: ?

1

The **Action Counter** shows you how many changes have been received from the Dynamics server. You can not edit this field.

Current D365 ActionCounter: ?

0

To make sure you have set everything up correctly you can press the **Test Connection** button. It will open a modal window showing you all our services trying to connect to the web services you created in the **RdN Webshop** setup.

Connection Test		✕
Item Service	Connecting.....	
Vendor Service	Connecting.....	
Attribute Service	Connecting.....	
Sales Order Service	Connecting.....	
Category Service	Connecting.....	
Work Log Service	Connecting.....	
		Ok

If everything is correct it will show this after a few seconds.

Connection Test

Item Service

Connected

Vendor Service

Connected

Attribute Service

Connected

Sales Order Service

Connected

Category Service

Connected

Work Log Service

Connected

Ok

Now you have set everything up and don't forget to hit the **Save** button to save your configuration.

To make sure everything is correct, go into **Scheduled Tasks** under **System** and you should see the task **navsync** up and ready.

## Schedule tasks

Task period should not exceed 24 days.

**Do not forget to restart the application once a task has been modified.**

Name	Seconds (run period)	Enabled	Stop on error
Clear log	3600	✗	✗
Update currency exchange rates	3600	✓	✗
Delete guests	600	✓	✗
Clear cache	600	✗	✗
Keep alive	300	✓	✗
Synchronize with NAV	300	✓	✗
Send emails	60	✓	✗



# MODIFYING OBJECTS IN DYNAMICS 365

RdN Webshop extension adds a group of fields to the Item Card. With these fields you can modify how your item appears in your web shop.

**EDIT - ITEM CARD**

**Prices & Sales >** 1,000.80

**RdN Webshop**

Web Name	ATHENS Desk	Special Order	<input type="checkbox"/>
Web Short Description		Show on Homepage	<input type="checkbox"/>
Web Full Description		Show Stock on Web	<input type="checkbox"/>
Tags		Allow Purchase Without...	<input type="checkbox"/>
		Display Order	0
		Published to Web	<input type="checkbox"/>

**Replenishment >** Purchase

**Planning >**

**Item Tracking >**

**Warehouse >**

**Picture >**

Attachments: Documents 0

Item Attributes >

The only thing needed to make the item appear on the web is to mark **Published to Web**. Lets fill out a few things.

**EDIT - ITEM CARD**

**Prices & Sales >** 1,000.80

**RdN Webshop**

Web Name	ATHENS Desk	Special Order	<input type="checkbox"/>
Web Short Description	Desk for your office	Show on Homepage	<input checked="" type="checkbox"/>
Web Full Description	ATHENES Desk is a simple desk for your office. Our most sold product in over	Show Stock on Web	<input checked="" type="checkbox"/>
Tags	office, desk, furniture	Allow Purchase Without...	<input type="checkbox"/>
		Display Order	0
		Published to Web	<input checked="" type="checkbox"/>

**Replenishment >** Purchase

**Planning >**

**Item Tracking >**

**Warehouse >**

**Picture >**

Attachments: Documents 0

Item Attributes >

Now we want to show the manufacturer of this item on the web as well. Then we need to make sure that it has a Vendor selected in Vendor No.

**EDIT - ITEM CARD**

most sold product in over

Tags: office, desk, furniture

Allow Purchase Without... ☐

Display Order: 0

Published to Web: ☒

**Replenishment**

Replenishment System: Purchase

Lead Time Calculation:

ASSEMBLY

Assembly Policy: Assemble-to-Stock

Assembly BOM: No

**PURCHASE**

Vendor No.: 30000

**Planning >**

**Item Tracking >**

**Warehouse >**

**Picture**

Attachments: Documents 0

Item Attributes >

But that is not enough. We need to add this vendor to the web as well.

**EDIT - VENDOR CARD**

**General**

Name: Graphic Design Institute

Blocked:

Balance (\$): 6,979.57

Balance Due (\$): 6,979.57

**Address & Contact >**

37125 Bryce Jasso bryce.jasso@contoso.com

**Invoicing >**

**Payments >**

CM BANK

**Receiving >**

**RdN Webshop**

Web Name: Graphic Design Institute

Page Size: 6

Web Description:

Published to Web: ☐

Choose Page Size: ☐

**Vendor Picture**

Attachments: Documents 0

**Vendor Statistics**

Balance (\$)	6,979.57
Outstanding Orders (\$)	3,880.45
Amt. Rcd. Not Invd. (\$)	0.00

So let's publish this vendor.



The screenshot shows the 'Edit - Vendor Card' interface in Dynamics 365 Business Central. The vendor is 'Graphic Design Institute'. The 'General' tab is active, showing fields for Name, Balance (\$), Blocked status, Address & Contact, Invoicing, Payments, and Receiving. The 'RdN Webshop' section includes Web Name, Web Description, Page Size, Published to Web, and Choose Page Size. A right-hand pane displays the Vendor Picture, Attachments, and Vendor Statistics.

General		Show more	
Name	Graphic Design Institute	Balance (\$)	6,979.57
Blocked	<input type="checkbox"/>	Balance Due (\$)	6,979.57
Address & Contact >		37125	Bryce Jasso   bryce.jasso@contoso.com
Invoicing >			
Payments > CM   BANK			
Receiving >			
RdN Webshop			
Web Name	Graphic Design Institute	Page Size	6
Web Description	Biggest furniture manufacturer i	Published to Web	<input checked="" type="checkbox"/>
Choose Page Size	<input type="checkbox"/>		

**Vendor Statistics**

Balance (\$)	6,979.57
Outstanding Orders (\$)	3,880.45
Amt. Rcd. Not Invd. (\$)	0.00

Now we want to show categories as well for our item. Our item is a part of category TABLE.

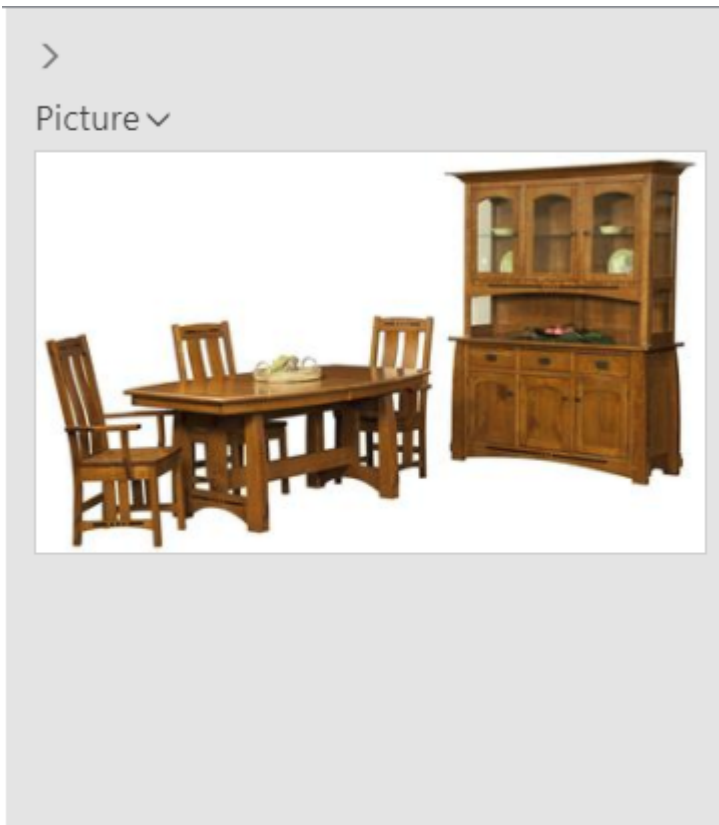
The screenshot shows the 'Edit - Item Category Card' interface in Dynamics 365 Business Central. The category is 'TABLE'. The 'General' tab is active, showing fields for Code, Parent Category, Description, and RdN Webshop settings. The 'Attributes' tab is also visible at the top.

General	
Code	TABLE
Parent Category	FURNITURE
Description	Assorted Tables
RdN Webshop	
Web Name	TABLE
Web Description	Assorted Tables
Show on Homepage	<input type="checkbox"/>
Show in top Menu	<input type="checkbox"/>
Allow Choose Page Size	<input type="checkbox"/>
Page Size	6
Display Order	0
Publish to Web	<input type="checkbox"/>

**Attributes**

INHERITED

We have also added the option to upload picture to associate with an item category.



Now lets publish this category to the web as well.

Browser window showing the Dynamics 365 Business Central interface. The URL is <https://d4a8fbd00129/nav/?company=CRONUS%20USA%2c%20Inc.&bookmark=21%3bWf>. The page title is "Edit - Item Category Card". The breadcrumb navigation shows "Items > Item Categories > TABLE".

The "EDIT - ITEM CATEGORY CARD" for "TABLE" is displayed. The card is divided into sections: "General" and "RdN Webshop".

**General**

Code	TABLE	Parent Category	FURNITURE
Description	Assorted Tables		

**RdN Webshop**

Web Name	TABLE	Allow Choose Page Size	<input type="checkbox"/>
Web Description	Assorted Tables	Page Size	6
Show on Homepage	<input checked="" type="checkbox"/>	Display Order	0
Show in top Menu	<input checked="" type="checkbox"/>	Publish to Web	<input checked="" type="checkbox"/>

**Attributes**

INHERITED

Now we only need to decide which attributes we display on the web for our item.

The screenshot shows the Dynamics 365 Business Central interface. The browser address bar displays the URL: <https://d4a8fbd00129/nav/?company=CRONUS%20USA%2c%20Inc.&bookmark=12%3bTB%3bColor>. The navigation pane on the left shows 'Dynamics 365' and 'Business Central'. The main area is titled 'EDIT - ITEM ATTRIBUTE' and 'Color'. The form contains the following fields:

Field	Value
Name	Color
Type	Option
Blocked	<input type="checkbox"/>
Values	Red,Orange,Yellow,Green,Blue,Vio...
Published to Web	<input type="checkbox"/>

I'll pick just color for now and publish it to the web.

This screenshot is identical to the previous one, but with the 'Published to Web' checkbox checked.

Field	Value
Name	Color
Type	Option
Blocked	<input type="checkbox"/>
Values	Red,Orange,Yellow,Green,Blue,Vio...
Published to Web	<input checked="" type="checkbox"/>

# SYNC

When we modify objects in Dynamics 365 we can see the sync status of our objects in the RdN Webshop page found in the navigation pane.

The screenshot shows the Dynamics 365 Business Central interface with the 'RdN Webshop' page open. The page displays the sync status of various objects. The 'Sync' section shows pending items, vendors, and categories, along with a pending total. The 'Changes pending sync' section shows a table of changes. The 'Published' section shows published items, vendors, and categories, along with a total published count.

Sync			
Items pending	2	Attributes pending	1
Vendors pending	1	Pending Total	6
Categories pending	2		

Changes pending sync			
TABLE NAME	NAME	TYPE OF CHANGE	
Item	ATHENS Desk	Insertion	
Vendor	Graphic Design Institute	Insertion	
Item Category	FURNITURE	Insertion	

Published			
Items published	1	Attributes published	1
Vendors published	1	Total published	5
Categories published	2		

Here we can see what object changes are pending sync with NopCommerce as well as how many objects are published to the web.

After NopCommerce has synced with Dynamics the page will look like this.

Dynamics 365
Business Central
RdN Webshop

HOME ACTIONS NAVIGATE

Changes pending sync
MANAGE

### Sync

Items pending	0	Attributes pending	0
Vendors pending	0	Pending Total	0
Categories pending	0		

### Changes pending sync

TABLE NAME	NAME	TYPE OF CHANGE
(There is nothing to show in this view)		

### Published

Items published	1	Attributes published	1
Vendors published	1	Total published	5
Categories published	2		

## HOW IT LOOKS IN NOPCOMMERCE

ITEM

# ATHENS Desk

Desk for your office.

Manufacturer: [Graphic Design Institute](#)

Availability: 4 in stock

SKU: 1896-S

**\$1,000.80**

1

ADD TO CART

Add to wishlist

Add to compare list

Email a friend

0



ATHENS Desk is a simple desk for your office. Our most sold product in over 15 countries.

## Products specifications

Color	Black
-------	-------

## Product tags

office (1) , desk (1) , furniture (1)

## ITEM CATEGORY



# TABLE

Sort by 

Position

 Display 

4

 per page

Filter by attributes

Color

- Black



ATHENS Desk

\$1,000.80

ADD TO CART

## VENDOR/MANUFACTURER

# Graphic Design Institute

Biggest furniture manufacturer in the world

Sort by 

Position ▾



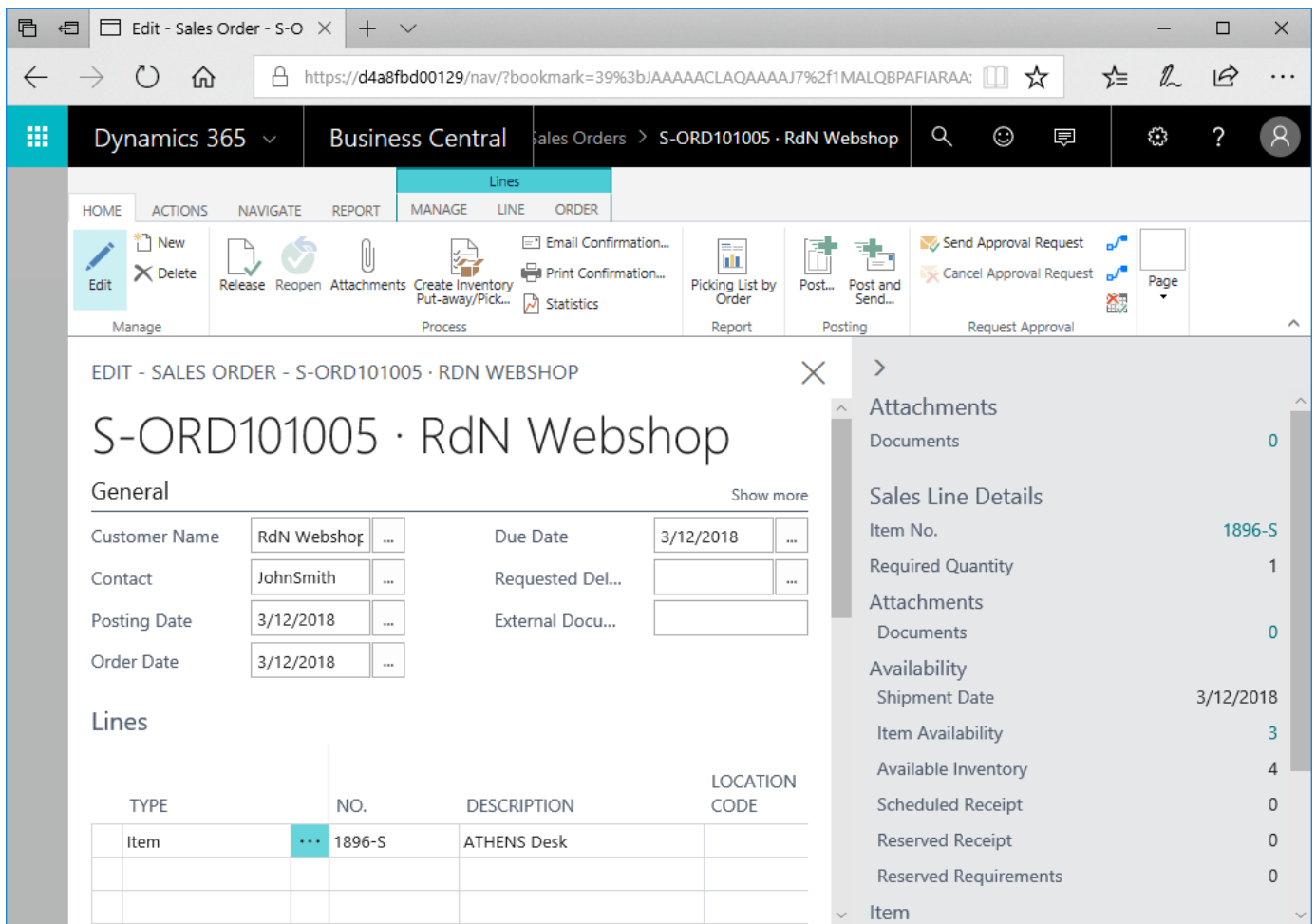
ATHENS Desk

\$1,000.80

ADD TO CART

## SALES ORDERS

Orders from NopCommerce go straight into Dynamics 365, on each sync, for processing.



**EDIT - SALES ORDER - S-ORD101005 · RDN WEBSHOP**

## S-ORD101005 · RdN Webshop

**General** Show more

Customer Name	RdN Webshop	Due Date	3/12/2018
Contact	JohnSmith	Requested Del...	
Posting Date	3/12/2018	External Docu...	
Order Date	3/12/2018		

**Lines**

TYPE	NO.	DESCRIPTION	LOCATION CODE
Item	1896-S	ATHENS Desk	

**Attachments**

Documents 0

**Sales Line Details**

Item No. 1896-S

Required Quantity 1

Attachments

Documents 0

Availability

Shipment Date 3/12/2018

Item Availability 3

Available Inventory 4

Scheduled Receipt 0

Reserved Receipt 0

Reserved Requirements 0

Item

The only thing you have to be aware of is adjusting your tax depending on the billing address.

## FIELD GUIDE

RdN Webshop extension adds fields to four pages in Dynamics 365. Here we go over what those fields represent on the web.

### ITEMS

#### Web Name

The name of the item on the web

**Web Short Description**

Short description appearing below the name on the web.

**Web Full Description**

Long description appearing at the bottom of the item page on the web.

**Tags**

Tags to search by on web

**Special Order**

This product needs to be specially ordered.

**Show on Homepage**

This item will be featured on homepage

**Show Stock on Web**

Whether stock is shown on web or not

**Allow Purchase Without Stock**

Can be purchased when not in stock

**Display Order**

Order after which to show the product

**Published to Web**

Show this item on web or not.

**ITEM CATEGORIES****Web Name**

The name of the item category on the web

**Web Description**

Short description appearing below the name on the web.

**Show on Homepage**

This category will be featured on homepage

**Allow Choose Page Size**

If set, Page Size will be uneditable. This allows customers to select page size by themselves.

**Page Size**

How many items appear on one page.

**Display Order**

Order after which to show the category

**Publish to Web**

Show this item category on web or not.

**ITEM ATTRIBUTES****Published to Web**

Show this item attribute on web or not.

**VENDORS (MANUFACTURERS)****Web Name**

The name of the vendor on the web

**Web Description**

Short description appearing below the name on the web.

**Choose Page Size**

If set Page Size will be uneditable. This allows customers to select page size by themselves.

**Page Size**

How many items appear on one page.

**Published to Web**

Show this vendor as manufacturer on web or not.

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