

## E-Commerce Integration

### Description

Mysoft has developed a sophisticated e-commerce integration for Sage X3. We have worked closely with our partner Netalogue to generate a comprehensive suite of software designed to make e-commerce integration as simple as possible. Although Netalogue are our preferred partner the solution will work with other e-commerce platforms. Both B2B and B2C are supported.

### Key Features

- Sales Orders created in real-time
- Live Stock availability and price information
- Live Credit check
- Credit card processing
- List Outstanding orders and status
- Allow update of back orders
- List Outstanding invoices
- Pay invoices by credit card. The payment is created in Sage X3.
- View invoices and statements
- Static data synchronized via SQL Views including stock availability and prices
- Multi-language product catalogue
- Create Sales Returns - Good stock or Warranty
- View Status of existing returns
- Guest check out creates an account in Sage X3 (B2C)

### SQL Views

A number of SQL views have been created to easily make the Sage X3 data available to the website. These include;

- Products
- Alternates
- Customers / Addresses
- Prices
- Web Catalogue
- Attributes

An extract from the product SQL view is shown below.

CatalogueRef	ProductName	Tier1	Tier2	Tier3	Keywords	Stocklevel	ExpectedDate
BMS001	3 sprockets	Accesories	Bells		BMS001 3 sprockets 3782940542087 Accesories Accesories	0	NULL
BMS001	3 sprockets	Accesories	Bells	Kids	BMS001 3 sprockets 3782940542087 Accesories Accesories	0	NULL
BMS001	3 sprockets	Accesories	Lights		BMS001 3 sprockets 3782940542087 Accesories Accesories	0	NULL
BMS001	3 sprockets	Accesories	Grips		BMS001 3 sprockets 3782940542087 Accesories Accesories	0	NULL
BMS003	BMS003 Desc	Accesories	Bells		BMS003 BMS003 Desc Accesories Accesories Fun Bike Stuff	1000	00:00.0
BMS003	BMS003 Desc	Accesories	Lights		BMS003 BMS003 Desc Accesories Accesories Fun Bike Stuff	1000	00:00.0
BMS003	BMS003 Desc	Accesories	Grips		BMS003 BMS003 Desc Accesories Accesories Fun Bike Stuff	1000	00:00.0

The views are also available as exports that can be transferred to the website via FTP.

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# Mysoft Plugin Data Sheet

## Web Services

A series of web services are available to perform real time processing between the website and Sage X3.

- Sales Order Creation/Update/Display
- List and Update Back Orders
- Stock Availability
- Pricing
- Customer Credit Status
- Customer Creation/Update
- List Invoices and Credits
- Create Payments
- Sales Return Creation

All web service calls are logged and can be displayed via the log viewer. Workflow can be generated to inform the system administrator of any issues that need to be investigated.

Web Services Log Viewer

Publication Name	Chronological	
SORDERS		155

ENTRY

Entry Type	Message
Debug	Order In

MESSAGE

```

CALL STARTED: 10:20:36.565
SOH CREATE
> SOHNUM= YWEBORDREF= BPCORD=GB011 CUSORDREF=TEST ORDDAT=
> YCRDTYP= YACCL4D= YAUTHCODE=
> YEXPDAT= , YVANREF= YSPSECKEY= YVPSTXID=
    
```

LOGGED

Date	Time	User
07/06/19	10:20:37	ECOMM <i>E-commerce</i>

## Product Set-up

E-commerce functionality has been built into the plugin. The web catalogue can be maintained in Sage X3.

Catalogue Code  
AAC

Level 1  
A :: Accesories

Level 2  
A :: Bells

Level 3  
C :: Kids

# Mysoft Plugin Data Sheet

A list of Web Brands can be maintained and assigned to products.

**WEB BRANDS**

Brand	Description
TREK	Trek Bikes

Attribute groups can be set-up and assigned to products. In the following example the colour, size and year of a bike can be defined which in turn will drive selection functionality on the website.

Attribute Group *	Description
BIKE	Bikes

**ATTRIBUTE TITLES**

	Attribute Title	Description
1	COLOUR	Colour
2	MANDATE	Manufacture Date
3	SIZE	Frame Size (in inches)
4		

It is possible to create a number of Product Associations which can be used to drive additional functionality on the website. For instance, Product Alternatives or Switches.

**Web Product Associations**

Product *	Alternative Product *
BMS022	BMS024

Alternative Type  
Wheels

New fields have been added to the Product screen which are used to drive web functionality.

**WEB 1**

Web Friendly Desc  
3 sprockets

Short Desc

Key Words

**GENERAL**

B2B/B2C Flag → B Attribute Group → BIKE Sales Division → ACCES UOM-Stock Outer Quantity 0

B2B Only Bikes Accessories

Brand → Catalogue Page 0 Outer Barcode Trade Base Price 1.0000 Pre-Order Chargeable

Change Date Variant Code →  Carriage Free Colour → Size →

# Mysoft Plugin Data Sheet

Content links to media and pictures can be defined within Sage X3

**MEDIA**

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Media Description

Media Filename

**PHOTOS**

---

Picture Filename

Picture Label

**ICONS**

---

Icon File

Icon Label

A function has been created to allow for additional text against each product. Multiple types of text can be entered. For instance, specifications or general information. Multi-language is supported. The text can be entered in HTML.

⌆ ⬆ ⬇ ⬇ ⬆ ⌆ Web Product Text

---

Sequence 6

Product \* → BMS001

3 Sprockets

Text Type \* → WEB

Web Text

Language \* → BR

English - British

Web Text

Web text

## Customer Set-up

New fields have been added to the Customer screen to control website functionality.

**WEB**

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Price Channel →

Credit Card Charge 0.00

Free Carriage No

Allow Back Orders No

Ecommerce Type → B2B

# Mysoft Plugin Data Sheet

## Sales Orders

Orders created via the web service will display a number of additional fields, mainly for recording the payment details.


Currency \*      Web Order Reference  
 GBP     

*British pound*

Web Rep Code      Web Payment Value      Web Payment Source  
             →  Q :

Payment Reference      Web Settlement Value  
     

Card Type      Last Four Characters      Card Auth Code  
           

Expiry Date      Bank Auth Code      Security Key  
            

Transaction ID

The order lines also include fields to record the web basket number and the web line status which can be used by the website to update the order status.

## Web Payments

A new screen to display and monitor payments taken on the website has been created.

Web Payments      Retry      ↗

DETAILS      LINES

Payment Number      Accounting Date \*      Customer \*  
 WBGB1000000013      17/06/19      → GB001 International Distributors Ltd Q :

DETAILS

Company \*      Site \*      Currency \*      Total Payment Value \*      Cred Charge Inv Num  
 → GB10      → GB011      → GBP      1.00      → Q :

*GB Discrete      Computer Products      British Pound*

Credit Card Surcharge      Payment Source \*      Payment Reference \*      Source Auth Code      Payment Number  
 0.00      → PAY      → Q :           Q :

*Seapay - Paypal*

Batch Code

STATUS


Payment Status  
 Outstanding

A new function to process the payments can be run manually or as a batch server task.

Generate Web Payments      OK

GENERATE WEB PAYMENTS

Generate Card Surcharge Invoices       Generate Payments

Company      Process Payments Up to      Payment Date  
 → Q :      10/10/19       10/10/19 