



D-BUSINESS[®] Shop

a Scalable Online Shop for OpenCms

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- The Company
- Why D-BUSINESS Shop?
- Deeper Dive: The Shop Modules
- Deeper Dive: Administration
- Deeper Dive: Hosting
- Summary





The Company





Why D-BUSINESS Shop?

- **No „iframe-Integration“ - Power of a true CMS and Shop**
 - Unified user interface
 - Easy linkage to shop content from site
 - Images and downloads in OpenCms, reusable in site content
- **Customers with special needs**
 - Special product types
 - Special needs for backend integration
 - Customized workflows and product descriptor

The screenshot shows a website footer with a blue background. It features three main promotional banners: 'PRODUCT OF THE MONTH' with a stuffed sheep, 'NEWSLETTER' with an envelope icon, and 'MYBISCHOFF' with a woman's photo. To the right is a 'NEWS' section with a magazine cover and text. Below these is a navigation bar with 'PUBLISHER', 'ONLINE SHOP', and 'OUR FAMILY ONLINE' links. At the bottom, it says 'You are here: ► OUR FAMILY ONLINE' and 'Deutsch | English | Français'.

PRODUCT OF THE MONTH
Handbag „sheep“
The perfect Easter gift for kids

NEWSLETTER
Subscribe to our Newsletter.

MYBISCHOFF
Our services are comprehensive.

NEWS
[Bischoff Verlag announces new internet presence](#)
Bischoff Publishers launched its new website on 16 June 2008. The site offers a customer oriented ["Our Family" online now](#)
"Unsere Familie", the German magazine of the New Apostolic Church, is online. The online edition will

► PUBLISHER ► ONLINE SHOP ▼ OUR FAMILY ONLINE

You are here: ► OUR FAMILY ONLINE


Deutsch | English | Français



Key features beyond ‚Standard‘

- **Several product types**
 - Single products
 - Variant of products (color, design)
 - Bundles
 - Gift Voucher
- **Recommended and similar products**
- **Downloadproducts & Download-to-Pay**
- **Integration for images, music and video samples**
 - Just put them in the product folders in backend; system handles listing and display

Mig-15 Fagot (All Silver)



Prices & Color Schemes

> [Show All](#) <

Accessory

> [Carbon Turbine Bypass System](#) <

> [Graupner DS 8811](#) <

> [Graupner DS 8911](#) <

> [Jet Central Falcon](#) <

> [Jet Central Rabbit](#) <

> [More](#) <

Spare Part

> [Air Intake Duct extension for the Mig-15](#) <

> [Bottom Rudder for the Mig-15](#) <

> [Canon Belly Parts for the Mig-15](#) <

<

> [Carbon Tail pipe Entry Cone](#) <

> [Clear Canopy for the Mig-15](#) <

> [More](#) <



Key features beyond ‚Standard‘

- Product ratings
- Wishlist in addition to shopping cart
- Customer profile includes order history
- Multilanguage Support
 - Optional LocaleHandler for displaying content in default-language if no localized content is available

All Praise Rising, CD

Editor:
New Apostolic Church USA

Performer:
Los Angeles Concert Choir and Ensembles 2010

Rating: ★ ★ ★ ★ ★

Product No.: 128051

Price: EUR 12.90

Quantity:

[ADD TO BASKET](#)

[IN STOCK](#)

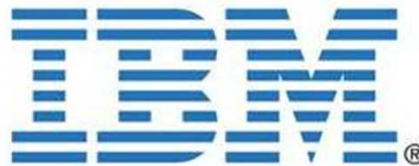
MULTIPLE ORDERS
[To order form](#)

Your shopping cart
There are **1 items** in your shopping cart
[▶ TO BASKET](#)



The Shop Modules

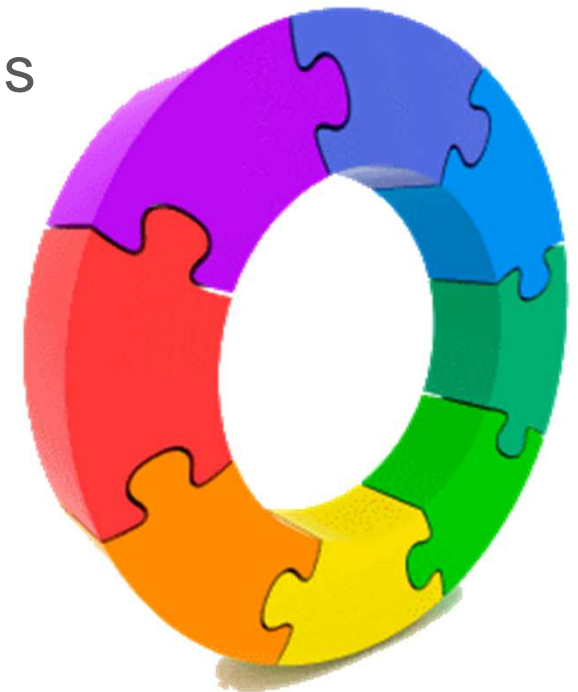
- **Development since 2008**
- **Currently for OpenCms Version 7.0.x and 7.5.x,**
(OpenCms 8 support will follow soon)
- **Software Base:**
 - IBM Websphere Application Server 6 & 7
 - Database: PostgreSQL, IBM DB2
 - (Optional: IBM Websphere Portal Server, SAP, Liferay)





The Shop Modules

- General modules contain standard functionality
- Customer specific modules for design and special features, custom workflows
- Shop pages as configurable templates in OpenCms
- Shop data in separate database
- Images, music and video samples in OpenCms VFS Folders, automatic placement on product pages according to layout rules





Shop Administration

- Allows to work with products, prices, orders, users, shipping cost definitions, currencies, ...
- **Three flavors**
 - **Work in OpenCms** workplace
 - **Synchronization with ERP** systems through XML (DataExchangeClient)
 - Administration **Portlets** in a portal environment
- It's possible to combine these possibilities
 - Update prices and order status through ERP system
 - Update products through the administration view in OpenCms





Shop Administration: Administration View

- Details of product -

Number	128288
Alias	Nun ruhen alle
Type	PRODUCT
Active	true
Start date	2002-01-01
End date	2020-12-31
Stock	329
Thumb Link	128288_t.jpg
Image Link	128288_f.jpg
Image Big	128288_b.jpg
Downloadable	false
Ship immediately	false
Embossable	false
Embossable length	0

Save changes Back

- Additional view in OpenCms workplace
- Look customizable by CSS



- Details of product language -

Title	Nun ruhen alle Wälder
Language	English
Abstract	
Description	Enjoy this collection of some of the most hauntingly beautiful melodies the classics have to offer. The selection offers a broad range of peaceful and soothing arrangements. Enjoy it as a quiet background for relaxation. Jens Josef (flute) and Olaf Van Gonnissen (guitar) convince with sensitive interpretations of arrangements specially written for this instrumentation.

Save changes Back

[Prices](#) [Attributes](#) [Linkage](#) [Languages](#) [Categories](#) [Actualrating](#)

Currency	Brutto Price	Vat	Price	Start date	End date	Group		
Euro	15.9	0.0	13.36	2002-01-01	2020-12-31	Direktbesteller	Edit Price	remove
Swiss Franc	25.1	0.0	21.1	2002-01-01	2020-12-31	Direktbesteller	Edit Price	remove
US Dollar	21.5	0.0	18.6	2002-01-01	2020-12-31	Direktbesteller	Edit Price	remove
Canadian Dollar	24.5	0.0	20.6	2002-01-01	2020-12-31	Direktbesteller	Edit Price	remove



Shop Administration: Data Exchange Client

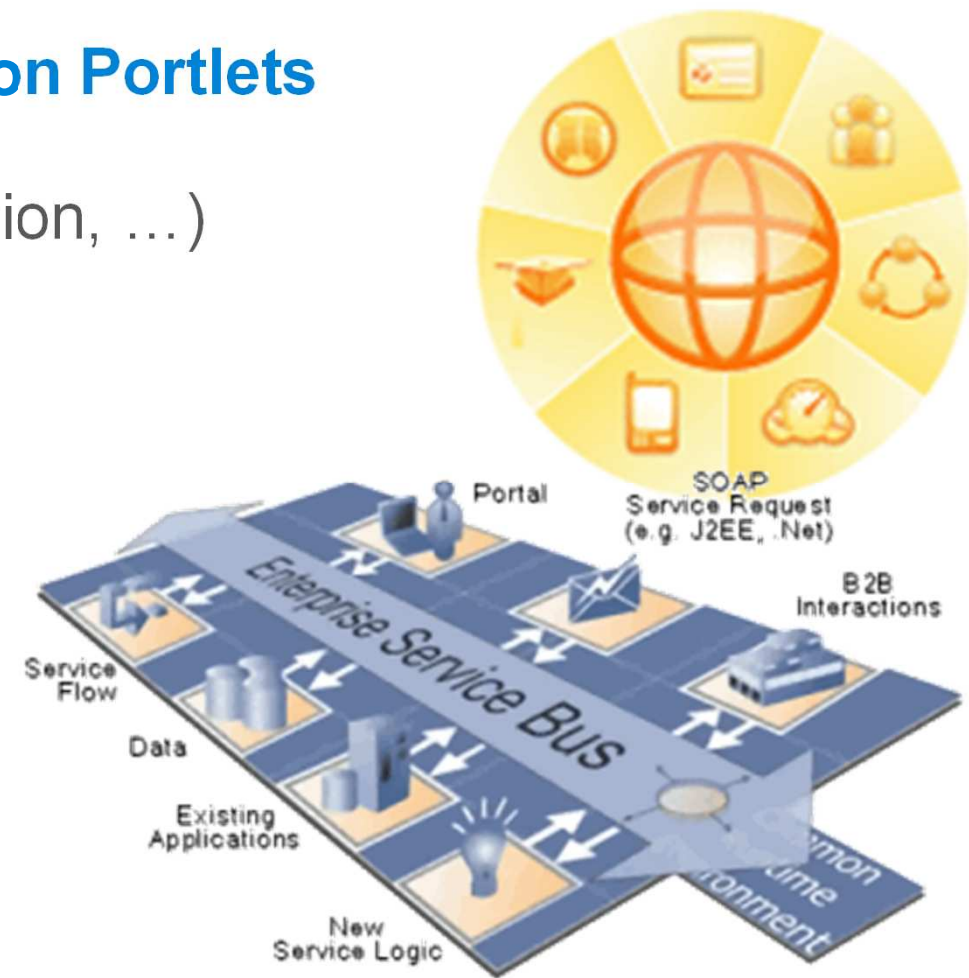
- Written in Java
- Reads and writes XML and/or CSV files
- Integration via JDBC in shop database
- **Specific handlers for ERP support**
 - Currently: DISO, PERFORM
- **To the shop**
 - Productdata, Masterdata
- **From the shop**
 - Customer Data, Order Data





Shop Administration: Administration Portlets

- Additional features (Mail, Collaboration, ...)
- Includes Material/WH Management
 - Shipping lists
 - Transfers
 - Multiple warehouses, region based
- Includes Sales cycle, commissions and handling fees
- Creation of invoices and shipping orders (as PDF)
- Upcoming: Material Planning, Purchasing





Shop Administration: Administration Portlets

Starten ▾ CARF-Administration > Order-Administration >

Home Masterdata Catalog User-Administration Order-Administration Warehouse Settings Admin Reports Shop Pages Administration PayShow

CARFOrderPortlet

Home > Orders > Q1100006736

Clone Order Notify Customer Email Invoice Show Invoice

System Id	16186	
Quote No.	Q1100006736	
Invoice No.	11EUR-1442	
Responsible Sales Rep	C000542 Rep EU No (reprorep-eur)	
Order date	14.03.2011	
Payment Date	06.05.2011	
Netto Before Discount	3560.60	EUR
Product Discounts	701.65	EUR Actual: 701.65 EUR
Discount	0.00	EUR
Disc. %		% Show Discount %
Netto After Discount	2858.95	EUR
Shipping costs	77.00	EUR Default: 77.00 EUR
VAT (19.0 %)	557.83	EUR
Total	3493.78	EUR
Replacement	Not a replacement	
Priority	Normal	
Comment	Zwischensumme EUR 96.75 plus VAT (19%) EUR 18.38 Versandkosten EUR 14.28 Gesamtbetrag* EUR 129.41 Includes an item discount of EUR 7.85	

Opening proforma_Q1100006736.pdf

You have chosen to open
 proforma_Q1100006736.pdf
 which is a: PDF Document
 from: https://portal.carf-models.com

What should Firefox do with this file?

Open with Adobe Reader 9.4 (default)

Save File

Do this automatically for files like this from now on.

OK Cancel

discounts etc. This is recomputed if a new

software
WebSphere.



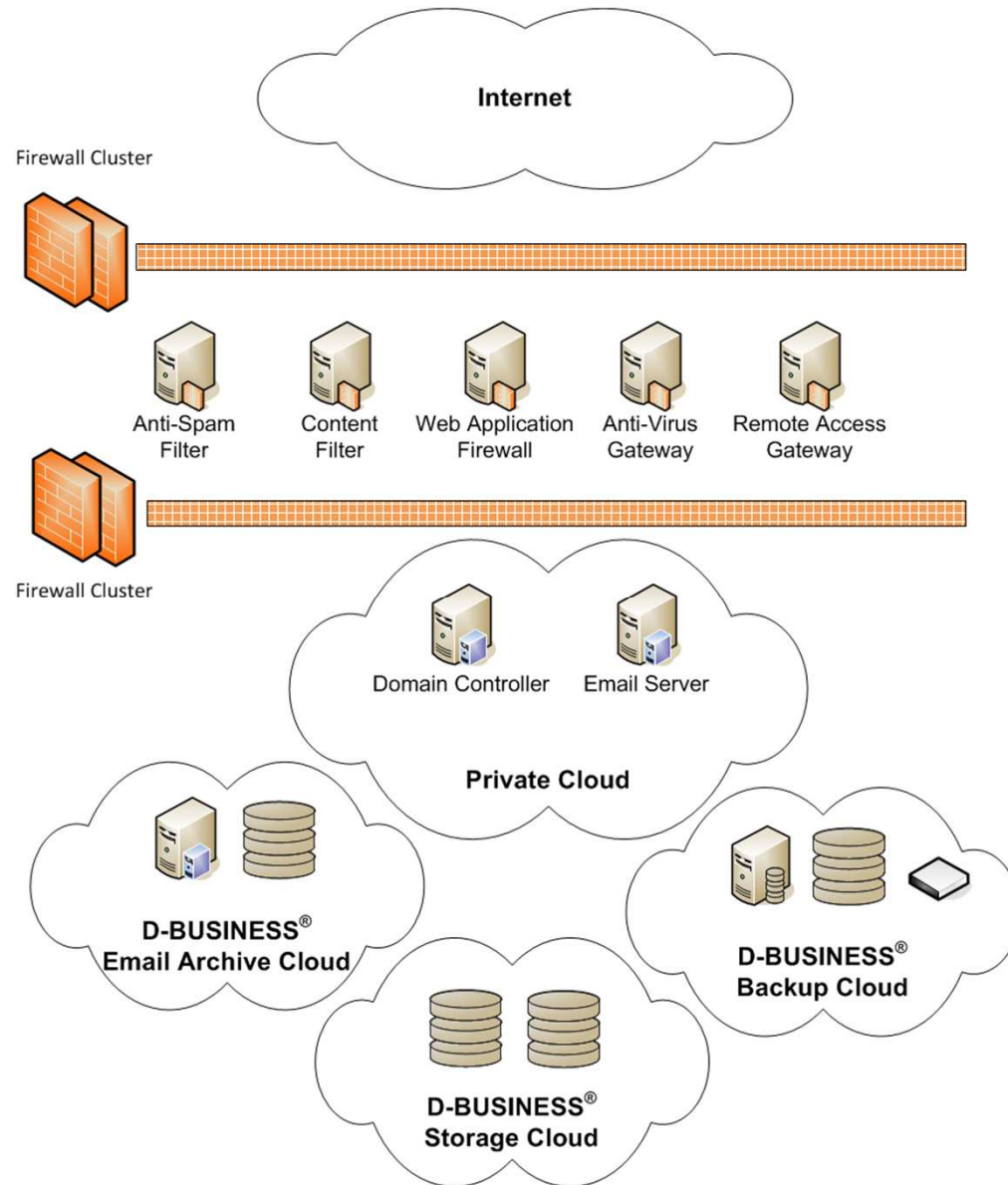
D-BUSINESS Data Center - Cloud

- We provide all things you expect from a data center
 - 24/7 hours, redundancy, security, high speed internet
- **And more:**
 - High flexible infrastructure for specialized solutions
 - Customers defines the level of management
 - OpenCMS as a Private Cloud Solution
 - D-BUSINESS Data Center located in Frankfurt/Germany
 - DREGER IT Management Center





Architecture





Summary

- WCMS and complex Shopping functionality within one system
- Backend administration either in OpenCms View or via Portlets
- Data Exchange Client for ERP integration
- DREGER IT - OpenCMS Experience since 2008
- D-BUSINESS Open CMS Hosting since 2009
- New Cloud Based flexibility since 2011 with integration in other SaaS solutions





Reference

■ Publishing House

Verlag Friedrich Bischoff GmbH, Frankfurt, Germany

<http://www.bischoff-verlag.de>



■ Model Airplane Manufacturer

CARF Models Ltd. , Hong Kong, China

<http://www.carf-models.com>





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Think Big Smart

© DREGER IT **Fundamental**





Thank you for listening.

