

## Overview Map of Catalogs and Dataformats

<b>Catalog</b>	<b>Format</b>
<b>Administration</b>	- GVKat-Customers-/Supplier-Message 4)
<b>Product Data</b>	- GDSN CIN 2.3; 2.8; 3.1 1) - EDIFACT D01B PRICAT 2) - EDIFACT D96A PRICAT 2) - BMEcat 1.2 und 2005 3) - GVKat Product-/Product-Availability-/Trade unit- /Mime-Messages XML/CSV 4) - GHX Template
<b>Price Data</b>	- GDSN Price Synchronisation XML 3.1 1) - GVKat Price Synchronisation XML/CSV 4) - GHX Template
<b>Orders</b>	- EDIFACT D01B ORDERS 2) - EDIFACT D96A ORDERS 2) - Order BMS V3.3 1)
<b>Order Response</b>	- EDIFACT D01B ORDRSP 2) - EDIFACT D96A ORDRSP 2) - Order Response BMS V3.3 1) - GVKat Order Response Message 4)
<b>Delivery Notes</b>	- EDIFACT D01B DESADV 2) - EDIFACT D96A DESADV 2) - Despatch Advice BMS V3.3 1) - GVKat Delivery Note Message 4)
<b>Sales</b>	- HCSR 2.0 5) - GVKat SalesData 4)
<b>Invoices</b>	- ZUGFeRD - XRechnung

You will find all the formats shown next to the EDI guide at our download page  
<https://www.cpexchange.de/interfaces/>

#### 1) **GDSN (BMS)**

The Global Data Synchronization Network (GDSN) enables trading partners to exchange globally trusted product data. This automatic and efficient exchange

Helps meet the demand of today's data-hungry consumers. The GDSN Catalog Item Notification (short: CIN) (not the Data Item Notification!) contains a number of attributes, that are grouped into different modules. For each context, a list of modules has been defined based on the characteristics of the product and / or industry sector. All formats of the GDSN are available for download on the website of GS1 Germany as well as on our website.

The GS1 XML standards consist of a set of electronic business news that companies can use to share information quickly, accurately and efficiently, regardless of the internal software and hardware systems they use.

#### 2) **EDI**

UN / EDIFACT (United Nations Electronic Data Interchange for Administration, Commerce and Transport) is a cross-industry, international standard for electronic business data format. EDIFACT is one of several international EDI standards. For the exchange of article data via PRICAT, price reports and information on order units are obligatory. The EDI Guide can be found next to the format descriptions below.

#### 3) **BMEcat**

BMEcat is an XML based standardized exchange format for catalog data in the B2B area. You can download the structure of the format free of charge at <http://www.bme.de/initiativen/bmecat/download/>.

#### 4) **GVKAT (Excel/CSV)**

The mass consumer catalogue, in short: GVKat, is a proprietary format for the exchange of catalog-relevant and administrative data and includes the following data areas:

1. Product message (Excel, CSV, TXT, XML)
2. Prize message
3. Sales report (Excel, CSV, TXT)
4. Customer message (Excel, CSV, TXT)
5. Supplier message (Excel, CSV, TXT)
6. Delivery note message (Excel, CSV, TXT)
7. Stock availability message (Excel, CSV, TXT, XML)
8. Not applicable
9. Order unit message (Excel, CSV, TXT, XML)
10. Delivery area message (Excel, CSV, TXT)
11. Product picture message (Files via FTP / AS2)
12. Invoice message (Excel, CSV, TXT)

13. Order confirmation message (Excel, CSV, TXT)  
Order example format (Excel, CSV, TXT, XML)

All GVKat catalogs can be transferred via Excel, as CSV, TXT or, to date, partly as XML files.

### 5) HCSR 2.0 - Health Care Sales Report

The format enables the bundled transfer of article-based sales and turnover data between suppliers / manufacturers and purchasing groups. The format is designed in such a way that additional modules can be integrated at any time. This requires coordination with the GPO's involved. This leads to a new versioning of the format. The information is transferred exclusively as raw data. This means that the evaluations in the received and processed system must be carried out according to the requirements. The format can be built up in XML, CSV or Excel format. An example based on Excel can be provided on request.

Translated with [www.DeepL.com/Translator](http://www.DeepL.com/Translator)

If you do not find a catalog on our FTP site, we are currently in the process of creating this catalog too. In this case, please check back periodically or simply contact us for the data format.

Of course, you are also welcome to mix different standards, such as Catalog data acc. EDI PRICAT, price data acc. GVKat and transactional data acc. BMS 3.3 (GDSN).

#### Note on the delimitation of Invoices to HCSR data:

The HCSRs you report always include all business transactions with our member companies. If, for example, you only transfer invoices if the company also settles the business transactions via them, i.e. carries out a paper replacement processing in its financial accounting, the HCSR report also provides information on the remaining business transactions.

#### **Data Transmission standard**

The exchange of the above mentioned data packages (**Catalogue- and Transactionfiles**) happens without exception using the AS2 gateway. To communicate, you need a valid GLN address in addition to the gateway itself. The following settings are decisive for communication:

- You can obtain Certificates from our system administration (please call +49 971 785 487 37 or mail to [m.walter@p-c-m.de](mailto:m.walter@p-c-m.de))
  - Certificate "CPCert2017.cer" for signing and encrypting data packets
  - Certificate "https\_cpexchange\_en.cer" for the https connection
- AS2-credentials:
  - GLN/ AS2-ID: 4260579760002
  - URL using HTTP: <http://as2.cpexchange.de:8080/as2/HttpReceiver>
  - URL using HTTPS: <https://as2.cpexchange.de:8443/as2/HttpReceiver>

- Options:
  - Shipping: sign and encrypt
  - Receiving: signed and encrypted; MDN Receiving: signiert / synchron
- After successful setup please arrange a test run with our system administration (please call +49 (971) 785 487 37 or mail to m.walter@p-c-m.de)

In **exceptional cases**, e.g. as long as you have not yet set up an AS2 gateway, transfer via the FTP or SFTP protocol is intended.

The transfer of files by **e-mail is categorically excluded** - both in test and productive!

### **Recommended sequence of activities in the establishment of the data exchange**

The following sequence of activities has proved useful in the past:

1. Setup and Tuning AS2 Gateway
2. Determination of the data supplier on the format of catalog data
3. Determination of the data supplier on the format of price data
4. Specification of the data supplier on the format of the transactional data

Please always coordinate the setup of the AS2 connection with Mr. Markus Walter. As soon as you have made a decision regarding the data standards, please inform us (Mr. Sacher, Mr. Springer), as well as when you expect a conversion of test data and real data. We will then agree with you on the acceptance of the test data, both in terms of time and content, and will be happy to discuss with you the live status of your processes/data for the customer.

Our colleague, Mr. René Deppisch, will be pleased to discuss the contents of your data with you on the basis of the test protocols. To simplify the content check, we have established, that each format contains a test flag. If you transfer test data with this flag, you receive an automatic check log of the mandatory fields to the sender address, including the check for compliance with data formats and field lengths. Please inform us immediately if the test report does not arrive within 10 minutes.

### **Contact information:**

- Head of Frontend Applications: Osterkamp, Swen
  - +49 (971) 78 54 87 – 688
  - s.osterkamp@p-c-m.de
- Head of Backend Applications: Springer, Sebastian
  - +49 (971) 78 54 87 - 632
  - s.springer@p-c-m.de
- System Administration
  - Kaesler, Jens
    - (0971) 78 54 87 – 45

- J.kaesler@p-c-m.de
- Walter, Markus
  - (0971) 78 54 87 – 37
  - m.walter@p-c-m.de
- Supplier Communication/ Content Data Validation:
  - Schmitt, Florian
    - (0971) 78 54 87 – 667
    - f.schmitt@p-c-m.de