COSMO CONSULT
Business-Software for People

cc|automotive

FULLY INTEGRATED WITH MICROSOFT DYNAMICS NAV

EFFICIENT DEFECT AND ALERT MANAGEMENT

INTERFACE WITH CUSTOMERS AND SUPPLIERS IN COMPLIANCE WITH VDA AND ODETTE STANDARDS

PRINT-OUT OF WAYBILLS AND TRANSPORT LABELS INCLUDING BARCODE

TRANSPORT ORDER CREATION | PACKAGING MATERIAL MANAGEMENT

EXTENSIVE ANALYSIS TOOLS FOR QUANTITY CHANGES

MANUAL PROCESSING AND CREATION OF CALL-OFF INFORMATION

INTEGRATED REJECTION NOTIFICATION

INTEGRATED CONVERTER FOR DATA TRANSFER

AUTOMATIC CALCULATION OF THE PACKAGING MATERIAL TO BE USED

USE OF BLANKET ORDERS

Microsoft Partner
Gold Enterprise Resource Planning

COMPANY PORTRAIT

COSMO CONSULT specialises in the implementation and system management of **industry and business solutions** based on cutting-edge software technologies. We deliver industry-oriented complete solutions for midsize businesses in the manufacturing, service and retail industries by providing an extensive range of industry-specific and special solutions based on **Microsoft Dynamics** and **QlikView**.

We offer our customers over 15 years of national and international project experience in the implementation of **Microsoft Dynamics NAV** (previously Navision) and **Microsoft Dynamics AX** (previously Axapta) ERP solutions. We are also experts in the **Microsoft Dynamics CRM** customer relationship management system and the **Microsoft SharePoint** document management and portal system, which can be integrated seamlessly into the ERP system environment. We therefore deliver fully integrated software systems for use in all areas of the company. With the aid of the **QlikView business intelligence solution**, our customers are able to access all of their company data in a structured and manageable format at any time.

An **implementation method** tailored to the project is a prerequisite for successful software implementation. For over 15 years, we have placed our trust in proven implementation methods when implementing our software projects, such as **SureStep** for successful ERP project implementation and the **agile implementation methodology** for rapid results when realising business intelligence (BI) projects.

At COSMO CONSULT, people are our focus. After all, it is people who decide whether our software is efficient or inefficient, who judge its strengths and weaknesses, who experience joy or frustration when using it and ultimately determine if it is a success. That's why we provide:

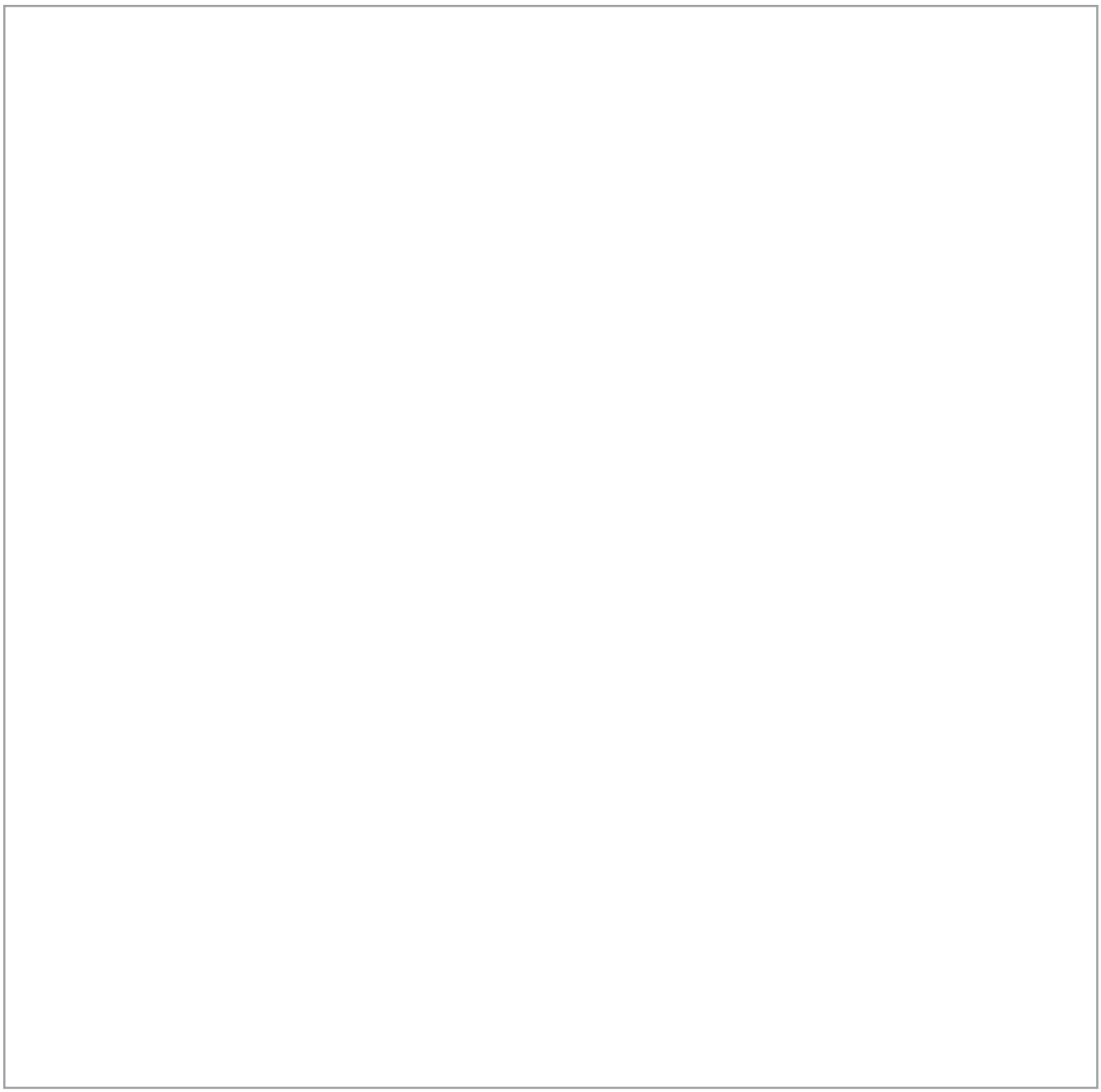
Business Software for People

cc|automotive

Interface for automotive suppliers based on Microsoft Dynamics NAV and in compliance with VDA and Odette standards

Every company and every industry has its own, individual IT solution requirements. With cc|automotive, COSMO CONSULT offers a certified industry solution based on Microsoft Dynamics NAV and intended for companies in the automotive supplier industry and in the general supplier industry.

cc|automotive is specifically tailored to the industry-specific challenges of the supplier industry. cc|automotive makes a significant contribution towards swift, secure ERP implementation, efficient order processing and production control as well as transparent planning and costing and also facilitates



EDI DATA FLOW|MICROSOFT BUSINESS SOLUTIONS NAV

interdepartmental collaboration with design and development.

The high user acceptance and added value resulting from the optimised processes and functions improves the competitiveness and transparency of the business, leading to sustained customer satisfaction.

INTEGRATION OF ALL MAJOR MANUFACTURERS

Suppliers to automotive manufacturers such as Daimler, Volkswagen, BMW, Porsche, Opel and PSA, for example, can set up their plants and unloading points in cc|automotive to integrate call-off processing, the dispatch of delivery notes and transport label creation, amongst other things. The business transactions are processed in Microsoft Dynamics NAV, which is aligned to the requirements of the corresponding OEMs (original equipment manufacturers) in the areas of sales, purchasing and logistics.

INTEGRATED CONVERTER

The two seamlessly integrated modules cc|automotive and cc|edi automatically process transaction data such as incoming call-offs and the dispatch of delivery notes.

The different data formats, such as VDA, ODETTE, SAP-IDOC, XML, PHOENIX, TRADACOM, ANSI X12, etc. are processed by the integrated converter, which means there is no need for an additional external converter from Seeburger, Crossgate or stratEDI, for example.

EXTENSIVE FUNCTIONALITIES

In addition to the basic functionalities – such as processing incoming and outgoing call-offs, calculating transit volumes, integrated defect management and quantity comparison calculations as well as detailed reporting capabilities – cc|automotive also accommodates detailed requirements such as VDA Version 3a and 3b, AMES-T from VW, BeloM from BMW and the integration of external supplier logistics centres.

With the cc|transport module, which is also integrated, goods shipments can be grouped together in transport orders and the quantities and hierarchy of the general or custom packaging material required can be calculated automatically. From the transport order, in addition to printing out transport labels in standardised VDA or ODETTE format, you can also print the forwarding instruction in standardised VDA 4922 format and the packing slip, and send the despatch advice (DESADV) electronically.

SALES

VDA record types

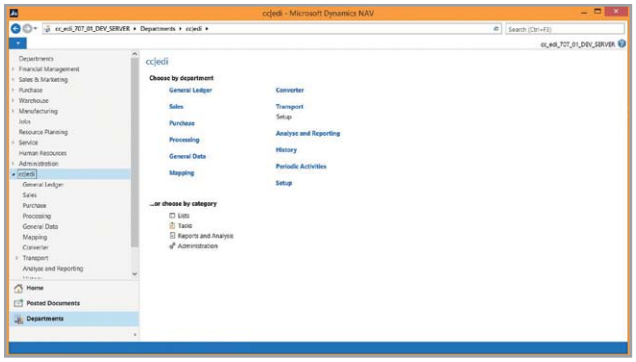
The following message types for the order processing of supplier items are supported as standard:

- 4902 - Transport Label
- 4905 - Call-Off
- 4906 - Invoice
- 4908 - Credit Advice
- 4912 - Packing slip
- 4913 - Delivery Note
- 4915 - Detailed Call-Off
- 4922 - Forwarding Instruction

Processing of call-offs

Incoming and outgoing data is always processed using a standard, central processing dialogue. Efficient support in handling means only one control function is required here. For optimal control and processing of the call-offs, the system automatically assigns them to the respective EDI partners and blanket orders, defect and alert management and quantity comparisons.

This data then leads to a decision on whether the call-off should be approved and an MRP-relevant blanket order updated in the system. Or whether the call-off should be declined and the system prints a rejection notification.



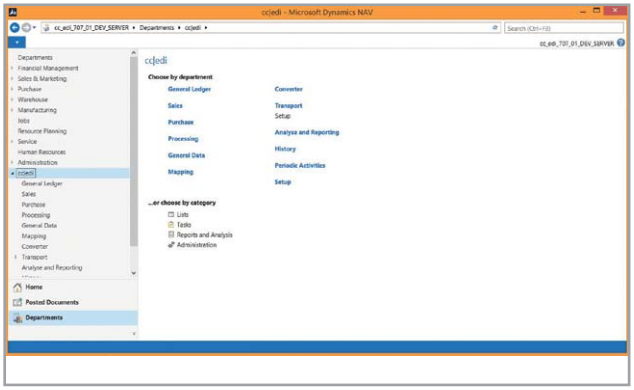
EDI SETUP FULLY INTEGRATED IN MICROSOFT DYNAMICS NAV

New blanket orders for new items to be delivered or new contracts can be created automatically using the call-off data. Instead of time-consuming data entry, you only need to set up a control function. The forecast information, detailed call-offs and JIT/JIS information are all processed automatically. This enables a large number of different documents to be processed as swiftly as possible.

Statistics, reports and historical figures are available at all times, permitting the efficient monitoring of call-off volumes, comparisons of forecasts for detailed call-offs, historical quantity fluctuations and similar.

Transport orders

In addition to the standard transactions, the system also offers a general transport order so that several delivery notes, orders or redistributions can be processed at the same time. This assignment allows for efficient processing in dispatch in particular, while at the same time providing the basis for packaging material calculation, transport label printing and the provision of the packing slip.



TRANSPORT ORDER CARD

Packaging material calculation

Items can be packaged and delivered in accordance with a multi-level packaging material hierarchy, or quite simply in a classified alternate container. Goods are dispatched via a forwarding agent or courier. One or more packaging types can be saved for each customer and item and assigned to a type of carrier packaging, such as a pallet.

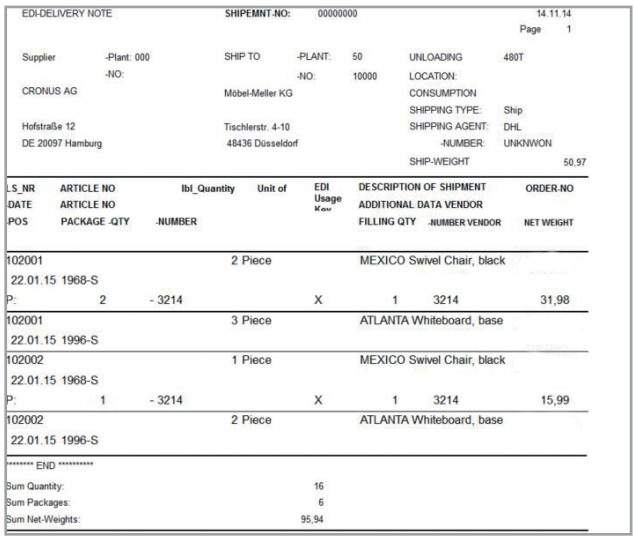
Auxiliary packaging such as pallet covers or shelves can be managed and calculated automatically. Although these accompany the goods, they must not appear in the EDI transmission. In the blanket order, you can change the standard packaging suggested by the system and save a specific type of packaging for this blanket order. cc|automotive offers a default packaging calculation, which specifies an optimised loading strategy in accordance with the delivery method defined for each loading point. The quantity and loading of pallets, weight, transport label layout,

fill volume, container equipment are specified based on this.

In addition, system parameters, such as “fill top pallet level with empty KLTs” or “only fill four corner points with KLTs on top pallet level” can also be set. The VDA transport labels are generated automatically based on the packaging information. As with the packaging calculation, VDA-specific variants - as required under VDA 3a or 3b - can also be taken into account and displayed accordingly when printing transport labels. As an option, the packaging can be posted in relation to stock.

(1) Warenempfänger
DAIMLER AG
(2) Abladestelle - Lagerort - Verwendungsschlüssel
480T - S
(3) Lieferschein-/PUS Nr. (N) 102033
(4) Lieferantenanschrift
Cosmo Consult Automotive GmbH Schöneberger Str. 15
10963 - Berlin
(5) Gewicht netto 4 kg
(6) Gewicht brutto 5 kg
(7) Anz. Packst. 1
(8) Sach-Nr. Kunde (P) A2208200335
Kanban-Nr.
(9) Füllmenge (Q) 50
(10) Bezeichnung, Lieferung, Leistung
Kunststoffplakette
(12) Lieferanten DUNS-Nr. (V) 012558418
(11) Packmittel-Nr. Kunde (B) 3214
(15) Packstück-Nr. (S) 000000000
(13) Datum D 01.03.11
(14) Änderungsstand Konstruktion ECI002
(16) Chargen-Nr. (H)

EXAMPLE OF A LABEL TO VOLKSWAGEN EMDEN


EDI-DELIVERY NOTE SHIPEMNT-NO: 00000000 14.11.14 Page 1

Supplier -Plant: 000 -NO:
CRONUS AG
Hofstraße 12
DE 20097 Hamburg

SHIP TO -PLANT: 50 -NO: 10000
Möbel-Meller KG
Tischlerstr. 4-10
48436 Düsseldorf

UNLOADING 480T
LOCATION:
CONSUMPTION
SHIPPING TYPE: Ship
SHIPPING AGENT: DHL
-NUMBER: UNKNWON
SHIP-WEIGHT 50,97

LS_NR / DATE / POS	ARTICLE NO / ARTICLE NO / PACKAGE -QTY	Ibl_Quantity	Unit of	EDI Usage	DESCRIPTION OF SHIPMENT / ADDITIONAL DATA VENDOR / FILLING QTY	-NUMBER VENDOR	ORDER-NO / NET WEIGHT
102001		2	Piece		MEXICO Swivel Chair, black		
22.01.15	1968-S						
P: 2	- 3214			X	1	3214	31,98
102001		3	Piece		ATLANTA Whiteboard, base		
22.01.15	1996-S						
102002		1	Piece		MEXICO Swivel Chair, black		
22.01.15	1968-S						
P: 1	- 3214			X	1	3214	15,99
102002		2	Piece		ATLANTA Whiteboard, base		
22.01.15	1996-S						

******** END **********

Sum Quantity: 16
Sum Packages: 6
Sum Net-Weights: 95,94

PACKING SLIP

The system prints the packaging data on the delivery note, and, dependent on the customer and its plant, sends delivery, invoice and transport data via EDI. When creating the transport data, it groups the data together based on the transport order and thus easily supplements delivery notes and redistribution requests with truck data, dispatch type, etc.

Invoice data

Already supplied quantities can be invoiced to the automotive manufacturer or its suppliers, in compliance with the requirements of VDA 4906, either in printed form or as an electronic file. In addition to automatic transmission, an invoice list is also provided.

Credit advice

Credit advice processing is initiated by a data transmission from the OEM, which forms the basis for a sales invoice assigned to the blanket order. Accounts receivable, management of open items and posting of receipt of payment are then carried out as usual.

PURCHASING

Blanket orders and call-offs

As with the sales blanket orders, the purchasing system also works with blanket orders and purchase orders, which it sends to the supplier in the form of forecasts and call-off notifications. Conditions can also be defined for a supplier and/or a specific part. The information can be provided to the supplier on paper or via EDI. Based on the blanket order data, the supplier regularly receives the call-off data on paper or via EDI. The integrated converter within cc|automotive transfers the EDI data to the corresponding supplier. As cc|automotive logs all transactions, they can be tracked at all times. Order lines entered are relevant for MRP and increase the available stock of the item by the corresponding quantity at the expected delivery date.

P
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cc|automotive

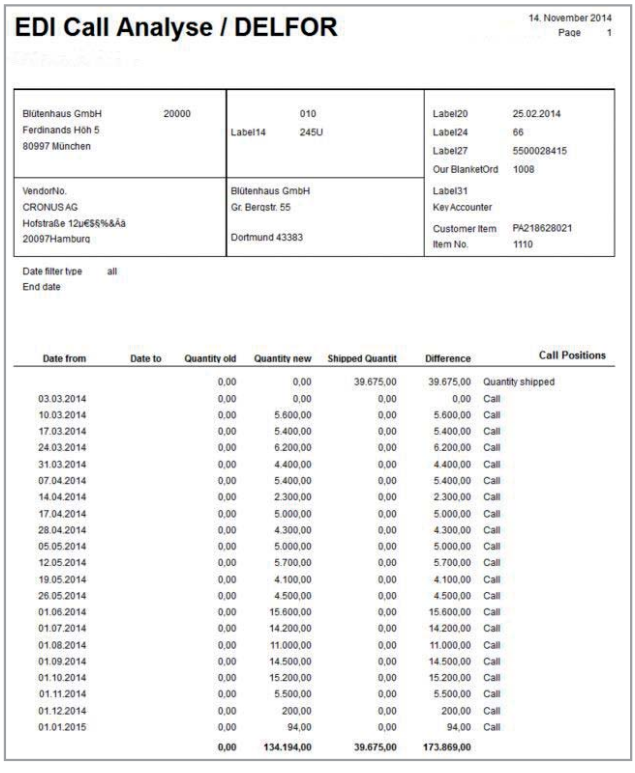
Interface for automotive suppliers based on Microsoft Dynamics NAV and in compliance with VDA and Odette standards

REPORTS

cc|automotive includes extensive reports for data analysis.

- Item analysis for forecast, calls, supplied quantities
- EDI item use in blanket orders
- EDI item overview for call-off quantities
- EDI call-off history analysis
- EDI DELFOR
- EDI DELJIT

These reports provide a detailed overview of the stock and delivery situation and can be displayed either in printed form or on the screen. They can be adapted to individual requirements using the Report Designer in Microsoft Dynamics NAV.



EDI Call Analyse / DELFOR

14. November 2014
Page 1

Blütenhaus GmbH Ferdinands Höh 5 80997 München	20000		010	Label20 Label24 Label27 Our BlanketOrd	25.02.2014 66 5500028415 1008
		Label14	245U		
VendorNo. CRONUS AG Hofstraße 12u€$€%&Ää 20097Hamburg		Blütenhaus GmbH Gr. Bergstr. 55 Dortmund 43383		Label31 Key Accounter Customer Item Item No.	 PA218628021 1110

Date filter type all
End date

Date from	Date to	Quantity old	Quantity new	Shipped Quantit	Difference	Call Positions
		0,00	0,00	39.675,00	39.675,00	Quantity shipped
03.03.2014		0,00	0,00	0,00	0,00	Call
10.03.2014		0,00	5.600,00	0,00	5.600,00	Call
17.03.2014		0,00	5.400,00	0,00	5.400,00	Call
24.03.2014		0,00	6.200,00	0,00	6.200,00	Call
31.03.2014		0,00	4.400,00	0,00	4.400,00	Call
07.04.2014		0,00	5.400,00	0,00	5.400,00	Call
14.04.2014		0,00	2.300,00	0,00	2.300,00	Call
17.04.2014		0,00	5.000,00	0,00	5.000,00	Call
28.04.2014		0,00	4.300,00	0,00	4.300,00	Call
05.05.2014		0,00	5.000,00	0,00	5.000,00	Call
12.05.2014		0,00	5.700,00	0,00	5.700,00	Call
19.05.2014		0,00	4.100,00	0,00	4.100,00	Call
26.05.2014		0,00	4.500,00	0,00	4.500,00	Call
01.06.2014		0,00	15.600,00	0,00	15.600,00	Call
01.07.2014		0,00	14.200,00	0,00	14.200,00	Call
01.08.2014		0,00	11.000,00	0,00	11.000,00	Call
01.09.2014		0,00	14.500,00	0,00	14.500,00	Call
01.10.2014		0,00	15.200,00	0,00	15.200,00	Call
01.11.2014		0,00	5.500,00	0,00	5.500,00	Call
01.12.2014		0,00	200,00	0,00	200,00	Call
01.01.2015		0,00	94,00	0,00	94,00	Call
		0,00	**134.194,00**	**39.675,00**	**173.869,00**	

CALL-OFF ANALYSIS

eLLZ processing

Major manufacturers such as VW can be supplied through an asynchronously supplied supplier logistics centre, in contrast to the JIT trend of the past. cc|automotive also offers effective processing for this type of VDA-compliant delivery. This is fully integrated with the delivery process and production in a standardised, harmonised fashion. All customer data can be viewed directly in the processing view.

FORMATS CONVERTED DIRECTLY WITHIN MICROSOFT DYNAMICS NAV

cc|automotive does not require an EDI converter

The integrated converter ensures that all VDA and Odette-compliant customer formats can be generated and imported directly. An extensive VDA and Odette library simplifies integration of European customer plants. Communication software is all that is required in order to transfer data. Existing converters can be easily integrated. The data is first imported into Microsoft Dynamics NAV in a processing dialogue. Processing archives the data at every processing time and the imported data is saved in an archive directory.

Space for your own notes

GERMANY | FRANCE | SPAIN | SWEDEN | SWITZERLAND
CHILE | COLOMBIA | ECUADOR | MEXICO | PANAMA

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