

Integration of third-party systems

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About SIGMA

As a reputable system house in Saxony SIGMA Chemnitz GmbH operates as system integrator and partner of well-known Providers in the IT sector. Our over 80 employees at the Chemnitz and Dresden sites form a competent team at the location Chemnitz. With expertise, competence and almost 30 years of experience we offer our customers reliable and powerful solutions.

About INFOR

Infor is one of the largest manufacturers of business software for the manufacturing and wholesale industries. With 41 subsidiaries and about 90,000 customers, the company has a global position. Germany plays an important role for Infor. Several development centers are located here development centers (e.g. in Karlsruhe, Breisach, Stuttgart and Leipzig). Infor sets itself the goal of providing customers with the best possible software experience at lower total cost of ownership.

About INFOR LN

Infor LN is one of the leading ERP solutions. The software provides best-in-class and sophisticated functionality in the areas of finance, supply chain, manufacturing, project management, and service. Infor is used by over 4,500 companies worldwide.

Solution to replace interfaces & integrate third-party systems

We are **Infor LN Certified Partner** and design solutions for you to manage the data exchange between your ERP system and different third-party applications. Infor LN has already offered a wide range of functionalities as a standard for **companies in the manufacturing industry**.

Business processes are very complex, and so is the related specialized software, such as **PDM** (Product Data Management), **CRM** (Customer Relationship Management) or **QM & QS** (Quality Management & Quality Assurance). For this reason, secure collaboration or communication is also needed via modern interfaces between the third-party systems and their ERP.

We provide the connection or exchange by means of individually customized web services, via Infor LN's own middleware Infor ION or our own design, the RFID Middleware GRAIDWARE®, as well as for legacy systems via XML Client.

SIGMA integration examples

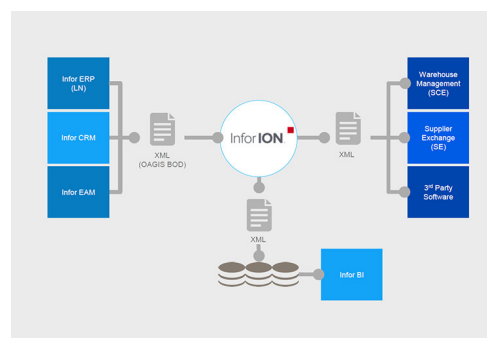
- Microsoft CRM, SalesForces CRM
- PDM PTC Windchill, SolidWorks ePDM
- Magento Webshop
- WMS / Warehouse Management Systeme
- Apps

Design of web services

These services are responsible for data exchange and process integration in real time and, at the same time, execute predefined tasks in the business logics. In addition to the configuration of a wide number of existing standardized web services to link to specific systems, we also manage for you individual integration and connection with other software from or to the ERP system.



Integration of applications via ION Middleware



Using the innovative Intelligent Open Network (ION) of Infor, it is possible to link software applications by Infor and other providers. We help you to connect very different systems to link and monitor the business processes between software, equipment, and employees in a single unified architecture.

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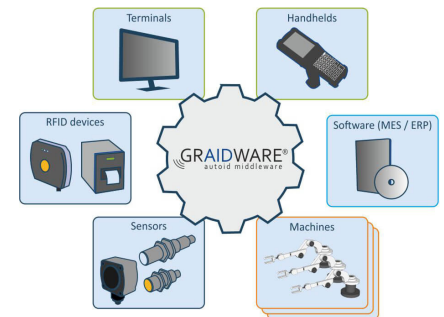
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Integration via RFID Middleware

Your company's software environment is connected to the RFID world via the intelligent AutoID / RFID Middleware GRAIDWARE®.

We assist you in cross-linking and connecting different systems, so that nothing gets in the way of unhindered information exchange between RFID applications and commercial software in real time.



Integration via SIGMA File Interface

You can import any type of text files, such as from external book-keeping software or accounting systems, into the Infor LN ERP system via the SIGMA File Interface to generate open items for customer's accounts and creditors. Thanks to job-capable data import, time-consuming manual input of accounting results is unnecessary.

Importprotokoll				
Importschlüssel:	DOP	Debitoren OP		
Importtyp:	Ausgangsrechnung			
Id. Importnummer:	190000000000000000099			
Id. Nr.	Meldungscode	Meldungscode	Message Text	
1	ff17510.044	Handelspartner nicht vorhanden!	Zeile1 - - 103000695 -	
2	ff17510.044	Handelspartner nicht vorhanden!	Zeile2 - - 103000695 -	
3	ff17510.044	Handelspartner nicht vorhanden!	Zeile3 - - 103013626 -	
4	ff17510.044	Handelspartner nicht vorhanden!	Zeile4 - - 103000776 -	

Importfields				
Importtyp:	Ausgangsrechnung			
Name	Beschreibung	Paket	Domain	Pflichtfeld
amnt	Betrag	tf	gld.amnt	<input type="checkbox"/>
amtha	Betrag in HW (1)	tf	gld.amnt	<input type="checkbox"/>
amthb	Betrag in HW (2)	tf	gld.amnt	<input type="checkbox"/>
amthc	Betrag in HW (3)	tf	gld.amnt	<input type="checkbox"/>
amti	Betrag in RW	tf	gld.amnt	<input checked="" type="checkbox"/>

With the SIGMA file interface, you can configure on your own, among other things, fields, paths, file names and suffixes, as well as date formats via the user-friendly backend. Using the interface provided by SIGMA, it is also possible to recode fields, as well as to map them, or to combine several fields. A log provides an in-depth history of imported data with success or error messages and makes it possible to correct faulty data directly in Infor LN.

Mapping					
Importschlüssel	Importtyp	Zeilentyp	Name	Externer Wert	Interner Wert
DOP	Ausgangsrechnung	0	refr	*	(TTYP)(DK)
KOP	Eingangsrechnung	0	refr	*	(TTYP)(DK)
RSK	Eingangsrechnung	1	dbcr	H	credit
RSK	Eingangsrechnung	1	dbcr	S	debit
RSK	Eingangsrechnung	1	dim2	*****G**	900110
RSK	Eingangsrechnung	1	dim2	*****S**	900130
RSK	Eingangsrechnung	1	refr	Abzug Mahlzellen	VA_YEAR
RSK	Eingangsrechnung	1	refr	Betriebsstoffe	RSK_VEF
RSK	Eingangsrechnung	1	refr	Bewertung Trinkgeld	TIPP_VF

Tools

SIGMA File Interface

- Stammdaten
 - Parameter Buchungsschnittstelle
 - Importfields
 - Error messages
 - Definition Importkopf
 - Definition Importzeilen
 - Mapping
 - Mapping TAGS
- Importfiles
 - Automatischer Import
 - Einzelbelege
 - Importprotokoll

Further integration options

- File interfaces for older systems like MES that do not support web services
- Self-developed XML client if no web services are directly supported