

Infor LN Freight Management

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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

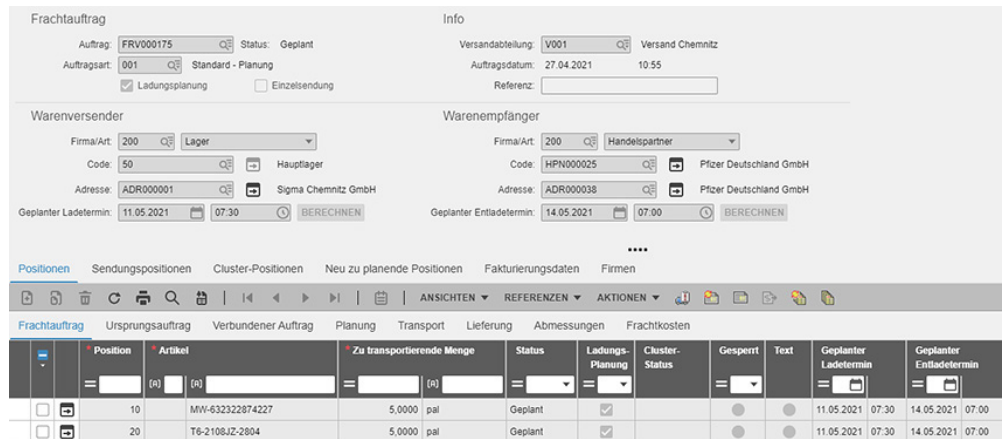
Infor is one of the largest manufacturers of business software for the manufacturing and wholesale industries. With 41 subsidiaries and about 90,000 customers, the company has a global position. Germany plays an important role for Infor. Several development centers are located here development centers (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.

The way to manage your freight orders

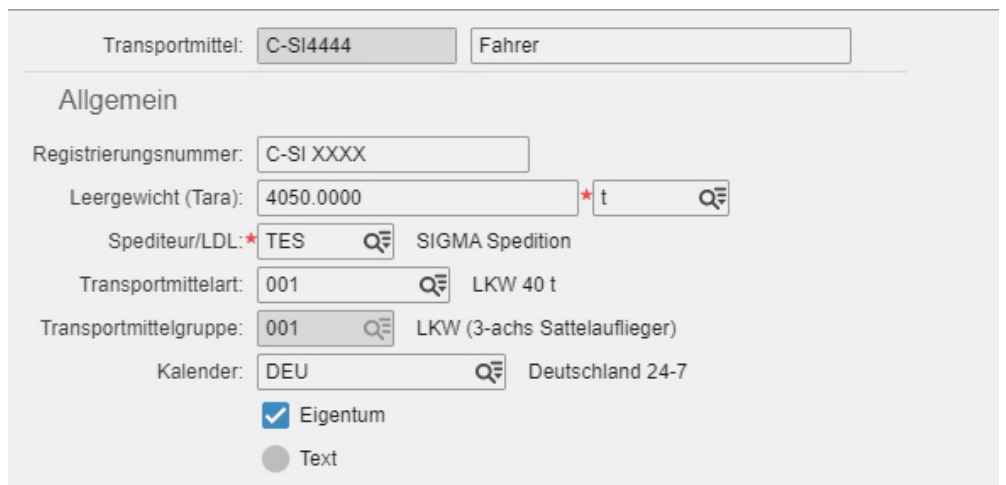
As an expert for solutions related to **Infor LN**, we provide the **freight management** module with which you can plan the **transportation of goods** among your trade partners. You can manage the transportation of goods by yourself or outsource it to an **external forwarder**. The data for the goods' transportation is part of a **freight order**. It is possible to create freight orders either manually or have them generated based on the original orders, such



The screenshot shows the 'Frachtauftrag' (Freight Order) form in Infor LN. It includes fields for 'Auftrag' (Order), 'Status' (Geplant), 'Versandabteilung' (V001), 'Versand Chemnitz', 'Auftragsart' (001), 'Standard - Planung', 'Referenz', 'Warenversender' (Firma/Art: 200, Lager), 'Warenempfänger' (Firma/Art: 200, Handelspartner), 'Code' (50), 'Hauptlager', 'Adresse' (ADR000001), 'Sigma Chemnitz GmbH', 'Geplanter Ladetermin' (11.05.2021, 07:30), and 'Geplanter Entladertermin' (14.05.2021, 07:00). Below the form is a table with columns: Position, Artikel, Zu transportierende Menge, Status, Ladungs-Planung, Cluster-Status, Gesperrt, Text, Geplanter Ladetermin, and Geplanter Entladertermin. The table contains two rows of data.

Position	Artikel	Zu transportierende Menge	Status	Ladungs-Planung	Cluster-Status	Gesperrt	Text	Geplanter Ladetermin	Geplanter Entladertermin
10	MW-632322874227	5,0000 pal	Geplant	<input checked="" type="checkbox"/>		<input type="checkbox"/>		11.05.2021 07:30	14.05.2021 07:00
20	T6-2108JZ-2804	5,0000 pal	Geplant	<input checked="" type="checkbox"/>		<input type="checkbox"/>		11.05.2021 07:30	14.05.2021 07:00

Freight order management is based on **defined master data** that should be updated for this purpose. The data can define **different means of transportation** and assign them **unambiguous loading capacities**. Moreover, you can build up a transportation network for routing consisting of **standard routes** and **route plans** by means of the addresses stored in the system. Thanks to this information, the system can determine the **least expensive and most efficient transportation option**. Freight management also supports you when establishing your own **fleet of trucks**. In this module, you can design fleets of trucks and plan the transport routes for single means of transportation.



The screenshot shows the 'Transportmittel' (Transport Vehicle) form in Infor LN. It includes fields for 'Transportmittel' (C-SI4444), 'Fahrer', 'Allgemein', 'Registrierungsnummer' (C-SI XXXX), 'Leergewicht (Tara)' (4050.0000), 'Spediteur/LDL' (TES, SIGMA Spedition), 'Transportmittelart' (001, LKW 40 t), 'Transportmittelgruppe' (001, LKW (3-achs Sattelaufleger)), 'Kalender' (DEU, Deutschland 24-7), and a checkbox for 'Eigentum' (checked).

Transport planning

Within transportation planning, you can arrange your freight in an optimal manner. Assembly of freight primarily entails **generating freight plans** for a group of freight orders. The freight plan includes information about the goods to be transported, the **loading and unloading addresses, and the loading dates and times**.

Infor LN Freight Management

Infor LN components & functions

Planning

Planning software bringing together several planning methods in one application

Manufacturing

Supports a wide variety of manufacturing types (in addition to classic techniques, such as lean manufacturing, as well as assembly and material control according to the just in time principle)

Finance

Meets worldwide GAAP standards and makes it possible to balance asset and statement of loss and gain accounts, as well as to determine cash flow data for business units

Warehousing

Inventory planning and tracing by means of ID numbers (barcodes or RFID)

Freight management

Transport planning and freight calculation

Procurement

Central and decentralized order / contract management, handling / processing of requirements, requests, supplier evaluation, EK contracts / delivery orders, order monitoring, complaint management and consignments, as well as procurement statistics and history

Sales

Offers, order acceptance, order tracing and confirmation, contracts, price setting, cash discounts, sales promotion actions, setting of deadlines and product configuration

Enterprise Service Management

Service order management, installations, contracts, outsourced services and problem messages, as well as tools for problem solution

Project

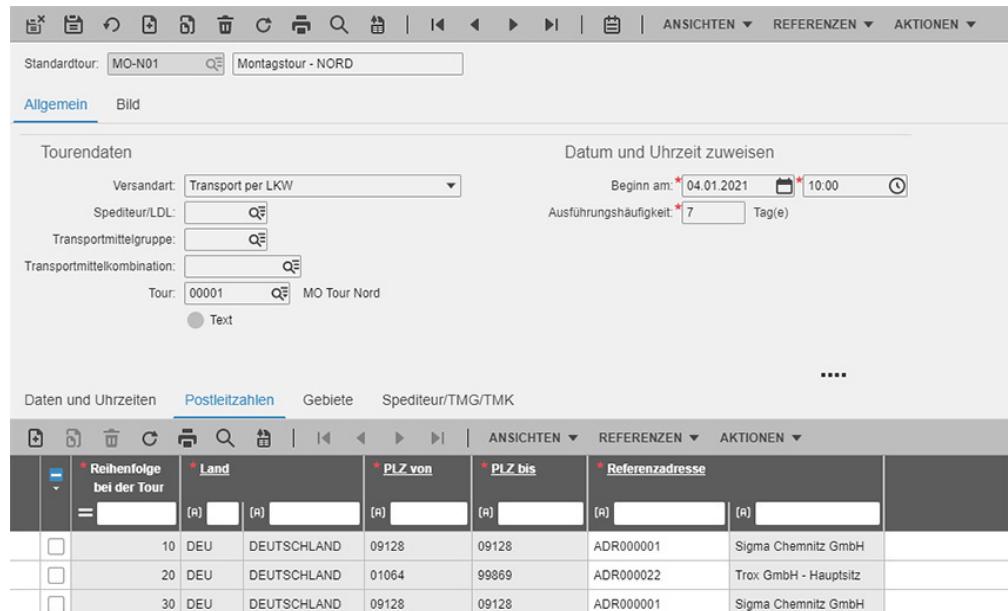
Management of projects and manufacturing resources, makes it possible to inspect all aspects / issues of project manufacturing in real time mode

Quality Management

Parameter-controlled interface to VK, EK and production orders, as well as inventory control, storage area / bin location and batch management

Product Lifecycle Management

Comprehensive product information is easy to access



Standardtour: MO-N01 Montagstour - NORD

Allgemein Bild

Tourendaten

Versandart: Transport per LKW

Spediteur/LDL: [Suche]

Transportmittelgruppe: [Suche]

Transportmittelkombination: [Suche]

Tour: 00001 MO Tour Nord

Datum und Uhrzeit zuweisen

Beginn am: 04.01.2021 10:00

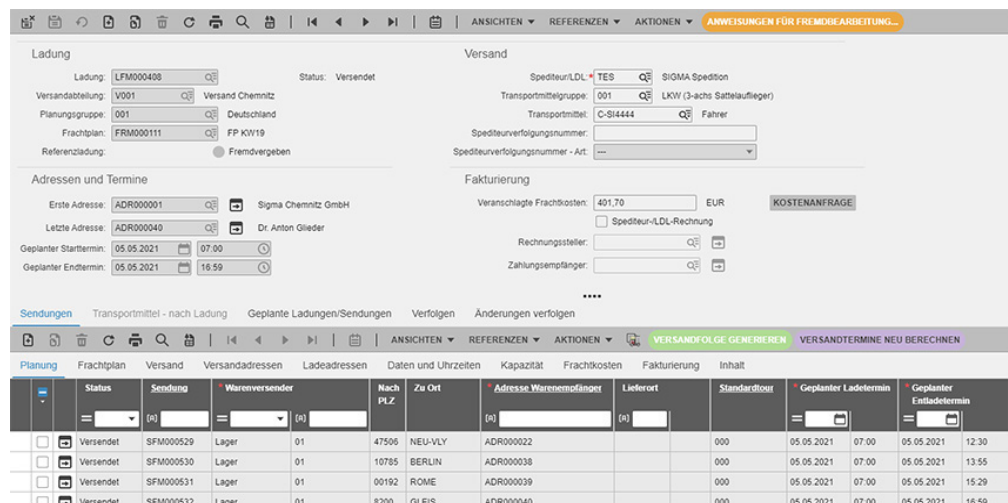
Ausführungshäufigkeit: 7 Tag(e)

Daten und Uhrzeiten Postleitzahlen Gebiete Spediteur/TMG/TMK

	* Reihenfolge bei der Tour	* Land	* PLZ von	* PLZ bis	* Referenzadresse		
<input type="checkbox"/>	10	DEU	DEUTSCHLAND	09128	09128	ADR000001	Sigma Chemnitz GmbH
<input type="checkbox"/>	20	DEU	DEUTSCHLAND	01064	99869	ADR000022	Trox GmbH - Hauptsitz
<input type="checkbox"/>	30	DEU	DEUTSCHLAND	09128	09128	ADR000001	Sigma Chemnitz GmbH

Outsourcing

Transportation planning can moreover be outsourced to an **external forwarder**. In this case, you can generate **freight clusters** for freight orders and transfer the planned freight to a forwarder.



Ladung

Ladung: LFM000408

Status: Versendet

Versandabteilung: V001

Versand Chemnitz

Planungsgruppe: 001

Deutschland

Frachtplan: FRM000111

FP KW19

Referenzladung: [Suche]

Fremdvergeben

Adressen und Termine

Erste Adresse: ADR000001

Sigma Chemnitz GmbH

Letzte Adresse: ADR000040

Dr. Anton Glieder

Geplanter Starttermin: 05.05.2021 07:00

Geplanter Endtermin: 05.05.2021 16:59

Versand

Spediteur/LDL: TES

SIGMA Spedition

Transportmittelgruppe: 001

LKW (3-achs Sattelaufleger)

Transportmittel: C-Sil444

Fahrer

Spediteurverfolgungsnummer: [Suche]

Spediteurverfolgungsnummer - Art: [Suche]

Fakturierung

Versandfrachtkosten: 491,70

EUR

KOSTENANFRAGE

Rechnungssteller: [Suche]

Zahlungsempfänger: [Suche]

Sendungen Transportmittel - nach Ladung Geplante Ladungen/Sendungen Verfolgen Änderungen verfolgen

Planung	Status	Sendung	Warenversender	Nach PLZ	Zu Ort	Adresse Warenempfänger	Lieferort	Standardtour	Geplanter Ladedetermin	Geplanter Entladedetermin
<input type="checkbox"/>	Versendet	SFM000529	Lager	01	47506	NEU-VLY	ADR000022	000	05.05.2021 07:00	05.05.2021 12:30
<input type="checkbox"/>	Versendet	SFM000530	Lager	01	10785	BERLIN	ADR000038	000	05.05.2021 07:00	05.05.2021 13:55
<input type="checkbox"/>	Versendet	SFM000531	Lager	01	00192	ROME	ADR000039	000	05.05.2021 07:00	05.05.2021 15:29
<input type="checkbox"/>	Versendet	SFM000532	Lager	01	8200	GLEIS	ADR000040	000	05.05.2021 07:00	05.05.2021 16:59

Transport cost calculation and freight tariffs

In cost calculation, **freight costs** are determined for each transport. These are the costs an enterprise must pay to transport goods to the forwarder. Costs are based on factors such as quantities, size, and weight, as well as the freight tariff for the selected forwarder.

Freight charge directories are generated either based on previously defined distance zones (also per forwarder) or on distances. In this context, one can update so-called **distance tables** (time and distance).