



Navertica Hospital ERP

ERP system with expanding functions for hospitals, polyclinics and treatment centers on the Microsoft Dynamics Business Central platform

Microsoft Dynamics Business Central is an integrated ERP system for complex management of organizations (economics, purchasing, warehouses, sales, projects, property, etc.).

Navertica Hospital ERP (NaHERP) completes the standard Microsoft BC in the form needed for medical facilities with the ability to track sales and costs of

- each individual station or department,
- each individual diagnosis,
- each specific patient,
- each specific doctor.\

NaHERP includes, among other things:

- Central Patient Registry
- Management of patient registration fees
- Contract management for premium care packages
- Management of price lists
- Invoicing to self-payers and insurance companies
- Invoicing of hotel and premium services to clients
- Requests and logistics
- Drug and material storages
- Bar code identification
- Service and maintenance of devices and equipment
- Property management and maintenance
- Operational and strategic management

Key industry needs

- Accounting, budgets, controlling
- Liabilities and receivables
- Banks, cash registers, payment cards
- Access rights management
- Approval workflow
- Requests / internal orders
- Internal invoicing between departments
- Continuity with national registers
- Basis for rewarding workers according to performance
- Compliance with the requirements of ISO 9001 and ISO 27001 standards
- Passportization of premises
- Rents and leases
- Billing of services and energy

To achieve this goal, all revenue and expense items need to be billed to the appropriate accounts, centers, dimensions and locations automatically and online.

Therefore, it is necessary that the architecture of the information system of the medical facility enables the set goal to be achieved.

NAVERTICA considers ERP (Enterprise Resource Planning) to be the core of any organization's information system, including hospitals. However, the ERP system must be, and is, extended by additional functionality, without which a standard ERP system for hospital management would not be sufficient.

Navertica Hospital ERP



The ERP system, including extended functionalities, is not usually the largest system in the hospital in terms of the number of users, but it plays a key role in the architecture of the hospital information system. All data carrying economic information is concentrated in it. ERP is followed by a management system (BI – Business Intelligence) and a hospital documentation management system (DMS – Document Management System).



The Clinical Information System (CIS) is intended "only" for the processing of medical documentation and the management of medical and nursing processes. CIS and ERP are connected via the interface with technological processes (TP), i.e. systems for laboratories, imaging methods, etc. The entire architecture is complemented by a CRM (Customer Relationship Management) system for managing relationships with clients and patients outside the medical facility, e.g. preventive examinations, etc. .

Navertica Hospital ERP modules extend the standard Business Central, among other things, with tools for invoicing customers – health insurance companies, self-payers or other health care payers. In order to ensure this functionality, it is of course necessary that the ERP includes both the identification data of the patients and the performed procedures allocated to the patients. If there is a CIS in operation in the medical facility, then Navertica HERP takes identification and procedures from the CIS. In the event that the Navertica Clinical System (NaClin) is already in operation at the medical facility, then both systems partially share the same database under the Microsoft Dynamics system on the Microsoft SQL platform.

The patient card contains basic identification information about the client. The card file is connected to other detailed information of the system, for example created invoices in the case of paid services or records from the clinical system related to the performances recorded on this card.

Obecné	
Číslo pacienta	IPAC0002
Stav	Zpracovaný
Číslo pojistěnce
Jméno	Míchal
Prostřední jméno	
Příjmení	Zídek
Titul před	Mgr.
Titul za	
Adresa	Rázová 34/255

Adresa 2	
Město	Roudnice
PSČ	503 27
Kód země/oblasti	CZ
IČ	
DIČ	
Číslo zákazníka	-
Aktualizováno dne	13.11.2023 15:42
Zpracováno dne	01.10.2023 0:00



The processed data from the NaClin system is prepared in the form of a transport record intended for subsequent sending to the insurance company (K-rate). They contain a list of performances for the period and the insurance company with the possibility of basic control of the content and totals for the entire report.

Obecné

Kód	IDVK0005	Počet řádků	55
Kód zdravotní pojišťovny	211	Celková částka z hlaviček	41 285,23
Rok	2015	Importováno	<input type="checkbox"/>
Měsíc	10	Název importního souboru	Idn_10_KDAVKA02.211
Datum a čas vytvoření	30.10.2023 16:00	Stav zpracování importu	Zpracovaný
Odesláno	<input type="checkbox"/>	Chybová zpráva importu	
Počet hlavičkových řádků	2		

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Nový řádek | Odstranit řádek | Karta pacienta | Hlavička výkazu HERP | Řádek výkazu HERP

Kód K-dávky	ID dokladu výkazu	Číslo položky řádku výkazu	Typ věty	Typ dávky	Charakter dávky	Číslo dávky	Číslo dokladu	Pořadové číslo listu dokladu	Počet listů dokladu	Kód zdravotní pojišťovny	Smluvní odbornost pracoviště	Číslo pojistěnce	Pořadové číslo listu v dávce	Typ pripojštění	Typ
→ IDVK0005		0	H	99	P	000141	1003432	0	0	211	9U7	376128428	001		
IDVK0005		0	V	99	P	000141	1003432	0	0	211	9U7	376128428	001		
IDVK0005		0	V	99	P	000141	1003432	0	0	211	9U7	376128428	001		
IDVK0005		0	G	99	P	000141	1003432	0	0	211	9U7	376128428	001		
IDVK0005		0	G	99	P	000141	1003432	0	0	211	9U7	376128428	001		

Navertica Hospital ERP completes the standard Business Central in the necessary form with the functionalities necessary for the supply of drugs and materials both from suppliers and within the hospital. When accounting for the consumption of medicines, materials, or work, it is possible to set whether the consumption is billed at the time of purchase, or when it is issued from the central warehouse, or when it is issued from the local storage in the department, or only when applying to a specific patient.

The functionalities of NaHERP also include registration and depreciation of hospital assets, management and maintenance of real estate, service and maintenance of devices, etc. Some of these functionalities are also used in fields other than healthcare.

Common Business Central functionalities, such as navigation, drill-down search, filtering, etc., are of course also included in the new functionalities.

The subject of invoicing can also be various hotel or above-standard services drawn by clients or by their family members as part of contractual service packages or just ad hoc.



The sales invoice contains a list of services and materials, which is issued to the client based on information obtained from the NaClin system. The issued invoice is the basis for payment, for example, in cash using the Cash Register (POS) tool. The invoiced document enters the Customer's history and, if necessary, it is possible to credit the given document. The payer of the document and the recipient of services can be different entities that are registered on separate cards.

Prodejní faktura | Pracovní datum: 01.02.2024

1096 · Emil Ryšavý

Účtování Vydat Připravit Tisk/odeslání Schvalování požadavku **Faktura** Více možností

Dimenze Statistika Poznámky Přílohy Schvalování Zákazník

Obecné Zobrazit více

Název zákazníka: Emil Ryšavý Datum DPH: 01.02.2024

Kontakt: Datum splatnosti: 01.02.2024

Zúčtovací datum: 01.02.2024 Stav: **Otevřená**

Text položky: Invoice 1096

Řádky Spravovat Řádek Méně možností

Typ	Číslo	Číslo od... na zboží	Popis	Kód lokace	Množství	Kód měrné jednotky
→ Poznámka	PACIENT		Fakturujeme Vám služby pacienta: Emil Ryšavý			
Zdroj	MEDICAL PROCEDURE		2.5.2023 - Vstupní prohlídka pro samoplátce		1	PCS
Zdroj	MEDICAL PROCEDURE		6.5.2023 - Kopie dokumentace na CD na žádost pacienta		1	PCS
Zdroj	MEDICAL PROCEDURE		13.5.2023 - Vyšetření krevní skupiny		1	PCS
Zdroj	MEDICAL PROCEDURE		13.5.2023 - Instruktaž a zácvik pacienta a rod. příslušníků		1	PCS
Zdroj	MEDICAL PROCEDURE		13.5.2023 - Nadstandardní pokoj pro jednodenní péči		1	PCS
Zdroj	MEDICAL PROCEDURE		18.5.2023 - Telefonická konzultace ošetřujícího lékaře		2	PCS

The NaHERP system runs on the Microsoft Cloud, which has the highest level of security available in terms of technology, procedures and policies. It can also be run on-premise in compliance with Microsoft's security recommendations.

In terms of licenses and rights, the NaHERP system consists of publicly available Microsoft SW licenses, Navertica SW licenses available to anyone on the AppSource electronic marketplace, and any vendor-specific custom modifications owned by the vendor. The customer is therefore not at risk of so-called "vendor lock-in".

Contact us, we will be happy to become your expert advisor! As a modern, internationally operating and Microsoft certified partner, we will help you simplify and automate business processes. For more than 30 years, we have been operating on the business information systems market and we help improve the economic results of our customers not only in the Czech and Slovak Republics, but also for customers elsewhere in Europe or for customers operating globally.