

COMARCH BUSINESS INTELLIGENCE

MEDICAL SECTOR

INTRODUCTION

In modern medical centers cost control, financial monitoring and advanced data analysis taken from source systems all significantly contribute to supporting a company's strategic decision-making process.

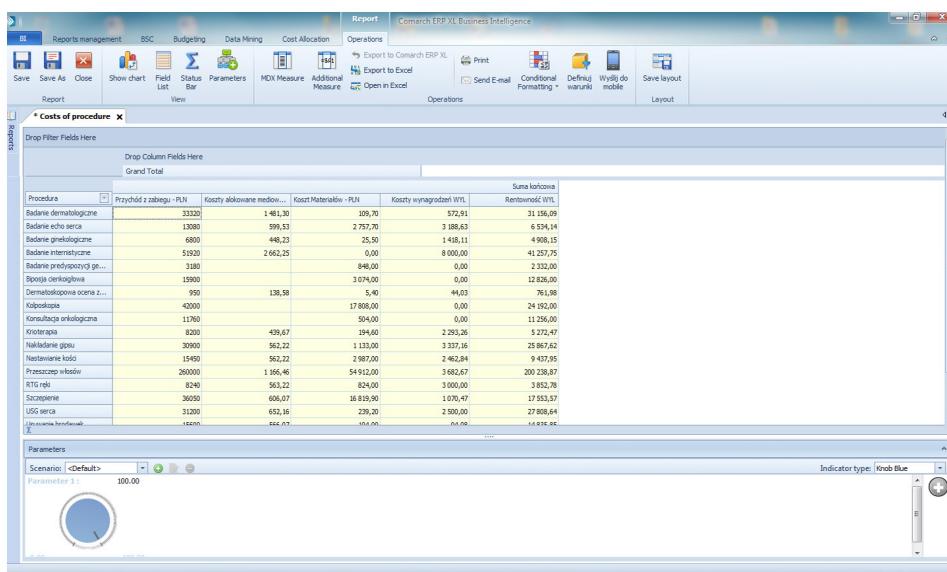
In medicine, information often comes from many IT systems, serving both the so-called "white" and "grey" areas. Regardless of the software in use, Comarch Business Intelligence solutions integrate data from all systems, allowing for a wide spectrum of analyses to be made, taking all aspects of the clinic's activities into account. Thanks to Business Intelligence systems, information can be used to collect complex knowledge on a clinic and its environment, which allows to take more effective actions which provide a competitive advantage.

COMARCH BUSINESS INTELLIGENCE TOOLS FOR MEDICINE

Comarch has developed a set of functional tools for the medical sector, offering the following functions:

- Compiling and managing advanced reports, facilitating cost optimization, and modelling scenarios.

- Access to reports on the Internet and creation of ad-hoc reports online.
- Solutions offering access to reports with mobile Android devices.
- Creation and management of data storage.



ADVANTAGES OF COMARCH BUSINESS INTELLIGENCE

Comarch Business Intelligence solutions offer the perfect support where data from different systems require clearing, ordering and integration, and managers would like to make essential decisions based on knowledge taken from analysis, and not just intuition and guesswork.

The main advantages of Business Intelligence solutions for medicine are:

- Integrated data from different sources.
- The ability to integrate with the OPTIMED24 management tool for modern medical centers and Comarch's own ERP systems.
- Process optimization through monitoring and improved use of resources, optimization of work, cost and income analysis broken down by center, service, staff or clinic. The systems also support storage management for medical and sterile supplies.
- Possible breakdowns of costs of medical procedures into individual elements.
- Special security for sensitive patient data collected in the white area.
- Automation and shorter preparation times for reports.
- Daily access to current data.
- Access to reports through Internet browsers and mobile Android devices.
- Reports are created through a simple drag and drop process.
- Subscriptions which enable automatic report generation and distribution to predefined users through e-mail at set times.
- The data analysis tools are flexible, and are very easy to expand or modify.
- The ability to prepare advanced manager's dashboards, showing key indicators relating to the company's performance.
- Indicators are continuously updated with the latest data from the source systems.
- The ability to model scenarios allows to examine the effects of optimistic or pessimistic versions of events on financial results. Thanks to this solution simulations can be run, and estimations can be made as to changes in profitability of particular medical procedures subject to changes in media or staff costs.



COST OPTIMIZATION

Comarch Business Intelligence allows the implementation of complex cost optimization. This process enables costs to be divided proportionately according to a defined key, e.g. a breakdown of room lease costs by room size. Cost breakdowns are made automatically at a user-predefined time of the day or week.



The tool is intuitive, which means the process is simple and easy for business users to set up. Obtained information can be integrated with other data e.g. in an income report, providing specific costs can help calculate the profitability of a given entry.

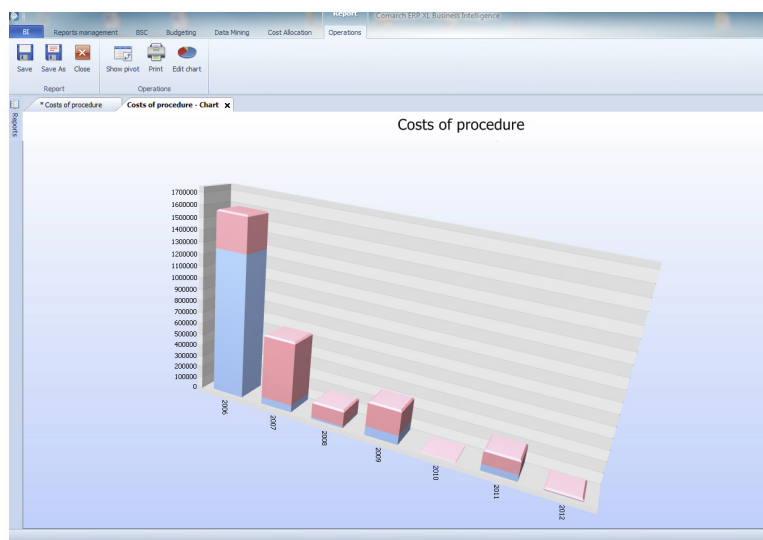
This enables exact costs to be calculated for individual medical procedures, accounting for costs of staff, media and medical supplies. Knowing the income levels of specific procedures helps to identify which procedure, medical package, or doctors bring the most revenue, and which items require modifications to improve their income.

REPORTS

Comarch Business Intelligence solutions for medicine allow the reporting process to be automated thanks to the option of predefining a report, which is then automatically updated with the latest data from source systems.

Comarch Business Intelligence tools are:

- Complex analysis and reporting systems, presenting e.g. a center's profitability according to various criteria such as clinic, medical procedure, doctor, service, or location. A precise analysis of incomes and expenditures allocated to type of service, clinic, department, doctor, patient (individual or group).
- The ability to analyze the profitability of a medical package or contract with a business partner or National Health Service, which enables packet optimization to ensure maximum profitability.
- The detail of the analysis enables the search for areas where costs can be reduced, expenses optimized and time saved (analyzing e.g. patient waiting time, or peak registration times).
- The ability to support management of data supplied by the out-patient ward, hospital, pharmacy, stockroom, laboratory or diagnostic ward.
- The ability to monitor expiry dates for medical supplies, manage stockroom aging, and set reminders when the dates are approaching, e.g. for a series of injections.



SUMMARY

Comarch Business Intelligence solutions for medicine are designed to provide support to managers who want to manage a modern company effectively and efficiently.

The comprehensiveness of the solutions offered ensures that managers will have the tools to manage processes, costs, staff and supplies.

This system, dedicated to the medical sector, is a management tool, enabling decisions to be made quickly and facilitating solutions to be made for the problems encountered when managing a modern medical center.

More about Comarch
Business Intelligence
www.bi.comarch.com

Comarch SA

Al. Jana Pawła II 41g
31-864 Kraków, Poland
Phone: + 48 12 687 73 52
E-mail: business.intelligence@comarch.pl

www.bi.comarch.pl

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Comarch Spółka Akcyjna with its registered seat in Kraków at Aleja Jana Pawła II 39A, entered in the National Court Register kept by the District Court for Kraków- Śródmieście in Kraków, the 11th Commercial Division of the National Court Register under no. KRS 000057567. The share capital amounts to 8.051.637,00 zł. The share capital was fully paid. NIP 677-00-65-406

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EN-2014.01