



Dedalus

HEALTHCARE SYSTEMS GROUP

BI4H

Defining a new paradigm for healthcare analytics with the triple aim of reducing costs, improving outcomes and increasing care quality.

www.dedalus.eu

The context

The effectiveness of medical care is commonly measured using the so-called healthcare triple aim: **improving outcomes** (by diagnosing problems sooner rather than later, allowing for corrective action to take place), **reducing costs**, and **increasing care quality** (by determining which departments are providing proper and timely care, and rewarding them for doing so).

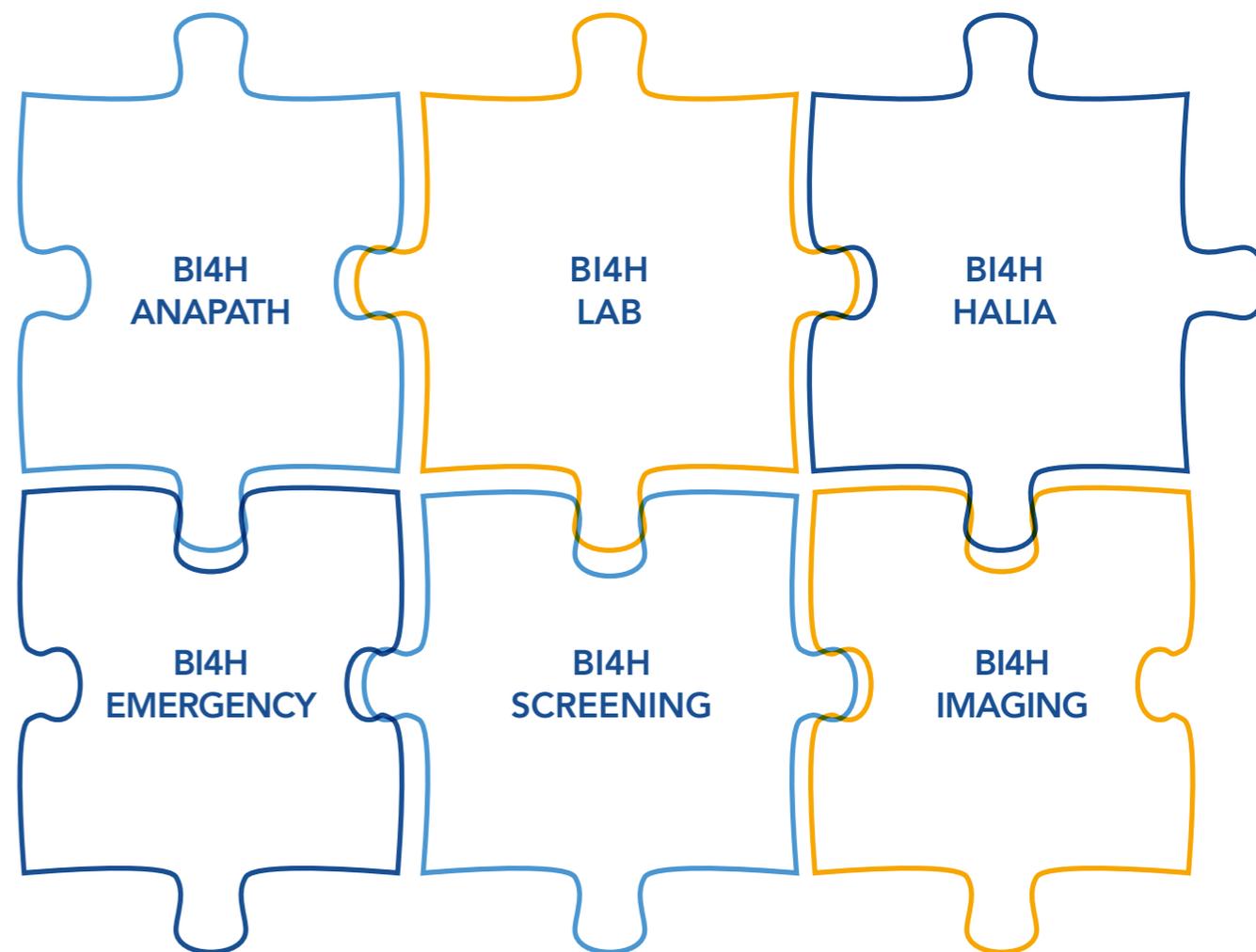
The solution

BI4H represents the Dedalus solution to address the needs of analysis, statistics and reporting of health institutions in the clinical, health and administrative sphere.

The innovative product was designed to exploit the potential of data analysis and information presentation to obtain excellent performance and effective decision-making support at the same time.



The modules



BI4H-Anapath

THE SOLUTION

Anatomical Pathology activity dashboard module, BI4H-Anapath, allows users to move from simple analytical data run by transactional systems, to having access to more complex information such as correlation and synthesis of trends - structured and represented in an easy-to-understand display.

The availability of such real-time data allows implementation of corrective actions and improvements, whilst supporting effective strategic decisions in the changing landscape of anatomical laboratories.

BI4H-Lab

THE SOLUTION

BI4H-Lab is the certified analytics solution offered by Dedalus which enables the Laboratory to obtain a series of benefits deriving from a greater ability to exploit the data made available by the company information systems.

For a greater detail on the trends of the activities, time distributions are made related to priorities and workload. The BI solution integrates the navigation mode of the data dynamically through PIVOT and expandable grids for customized comparisons and with the greatest possible granularity.



BI4H-Halia

THE SOLUTION

The BI-Halia solution, interfaced with the instrumental middleware, allows the complete monitoring and analysis of the laboratory workflow and sample processing.

Particularly important are the performance analyses, which allow to identify criticality of performance for samples and tests.

The historicized data can be displayed on time intervals set by the user that allow analysis over the entire period of operation.

BI4H-Screening

THE SOLUTION

Thanks to the long experience gained in the screening sector we developed a new tool to complement active screening programs, which allows to easily obtain a series of statistical analyzes, useful to the managers Screening services to monitor their performance on a daily basis.

The KPIs present are made according to the guidelines of the scientific associations of the Italian Screening Observatory Network (GISMa, GISCi, GISCoR) in order to guarantee the compliance of the analysis carried out.



BI4H-Emergency

THE SOLUTION

The BI4H-Emergency module is designed to analyze data coming from one or more First-Aid units such as: analysis of access flows, process times, operator activities, performance, costs and tickets.

The system also develops integrated services that allow information on the NEDOCS index and territorial information such as road accidents.

Through the customized management of the applicable filters it is possible to display the precise data for each patient in tabular format, extracting all or only some information relating to the clinical cases.

BI4H-Imaging

THE SOLUTION

The BI4H-Imaging module offers an accurate analysis of data relating to the image department with analyzes such as waiting times, reporting times, personnel activities, structure activities, materials used and many others including geo-referenced epidemiological analyzes. The performances are detailed for each element in order to offer a transversal and complete analysis of the diagnostic processes.

The innovative «Data Explorer» component also allows you to navigate through the data autonomously and dynamically based on different needs; through the customized management of the filters it is possible to display in a tabular format the specific data for each exam / patient by extracting the information relating to the cases searched.



Strengths

1



DATA CERTIFICATION

The information made available are always certified and their consistency is guaranteed by Dedalus.

2



SCALABILITY

The capability of data scaling is guaranteed in order to process a large amount of data from big data sources. In addition, such efficient scalability, allows many users to work on the same application at a single time.

3



MULTI-PLATFORM (RESPONSIVE DESIGN)

BI4H is compatible with all sorts of devices like desktop, tablets, laptops. This makes creating and analyzing the applications much more eased up.

4



SELF-SERVICE

The self-service creation is very beneficial especially for non-technical users in creating apps, spreadsheets, visualizations and BI solutions with the help of machine-guided analytics.

5



INTERACTIVE DATA EXPLORING

The KPI's are constructed to be dynamically explored on the basis of the various dimensions to be analyzed.

6



ADVANCED REPORT SHARING

Made easier by features like report sharing in formats like PDF, CSV, XLS, PNG, etc.

7



SECURITY

The software provides flexible and robust security provisions. It complies with the GDPR directives being developed in terms of "privacy by design", "privacy by default" and auditing of each operation performed.





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