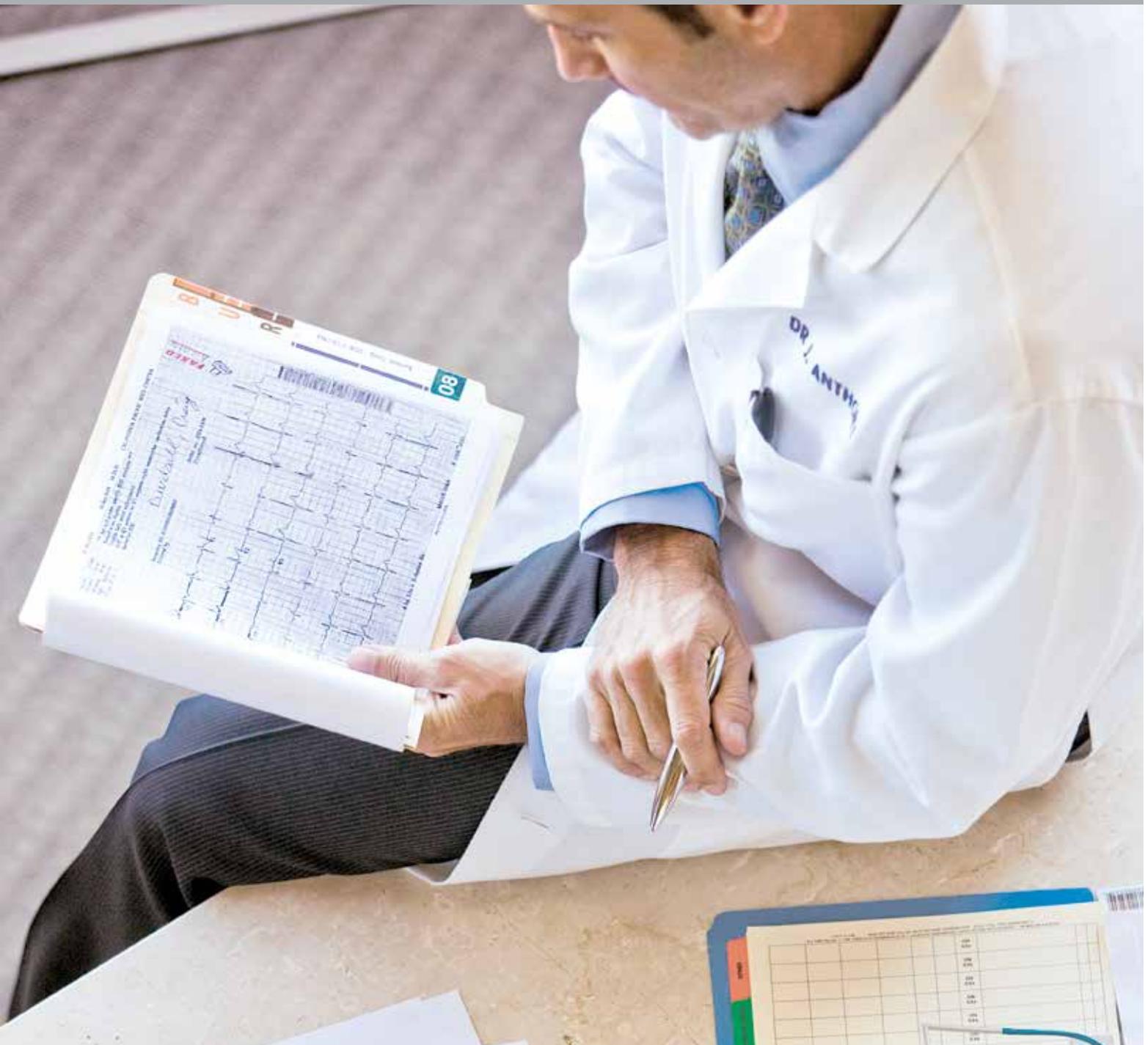


netcetera

Quality
Software
Engineering

Orchestrate Your Hospitals Processes



the i-engineers

104

EXIT



Introduction

Computer-based processes have been used throughout the healthcare sector for decades. By now, almost all of the stakeholders involved (personnel and institutions) are utilizing information and communications technologies (ICT). The medical, nursing and administrative data of a case are usually collected, processed, and filed in different systems, using individual processes. Differing applications, formats and data media complicate the controlled and secure access to relevant data. Laborious and error-prone processes are used in the exchange of data between stakeholders, even within the same clinic.

With their «health engine» solution, the company the i-engineers has developed a method with which the stakeholder's individual processes can be orchestrated into a comprehensive whole. For the medical field, this means that all relevant data are available in the desired formats, at any time. The administration can always obtain a current and comprehensive overview of services rendered. This implements the electronic patient record according to the guidelines of IHE.

Netcetera is one of the top software companies in Switzerland supporting its varied customers' core business with tailored solutions. Dedicated professionals, many years of experience and proven expertise have established the company's excellent reputation. Well-thought-out software with an innovative approach is Netcetera's trademark, resulting in numerous awards, satisfied customers and employees.

Netcetera covers all phases of the IT system life cycle, including expert advice, agile project approach, high-quality software development and the best possible user experience.

Founded in 1996, the Zurich-based Netcetera holding company has more than 300 employees in Switzerland, Liechtenstein, Macedonia and the United Arab Emirates.

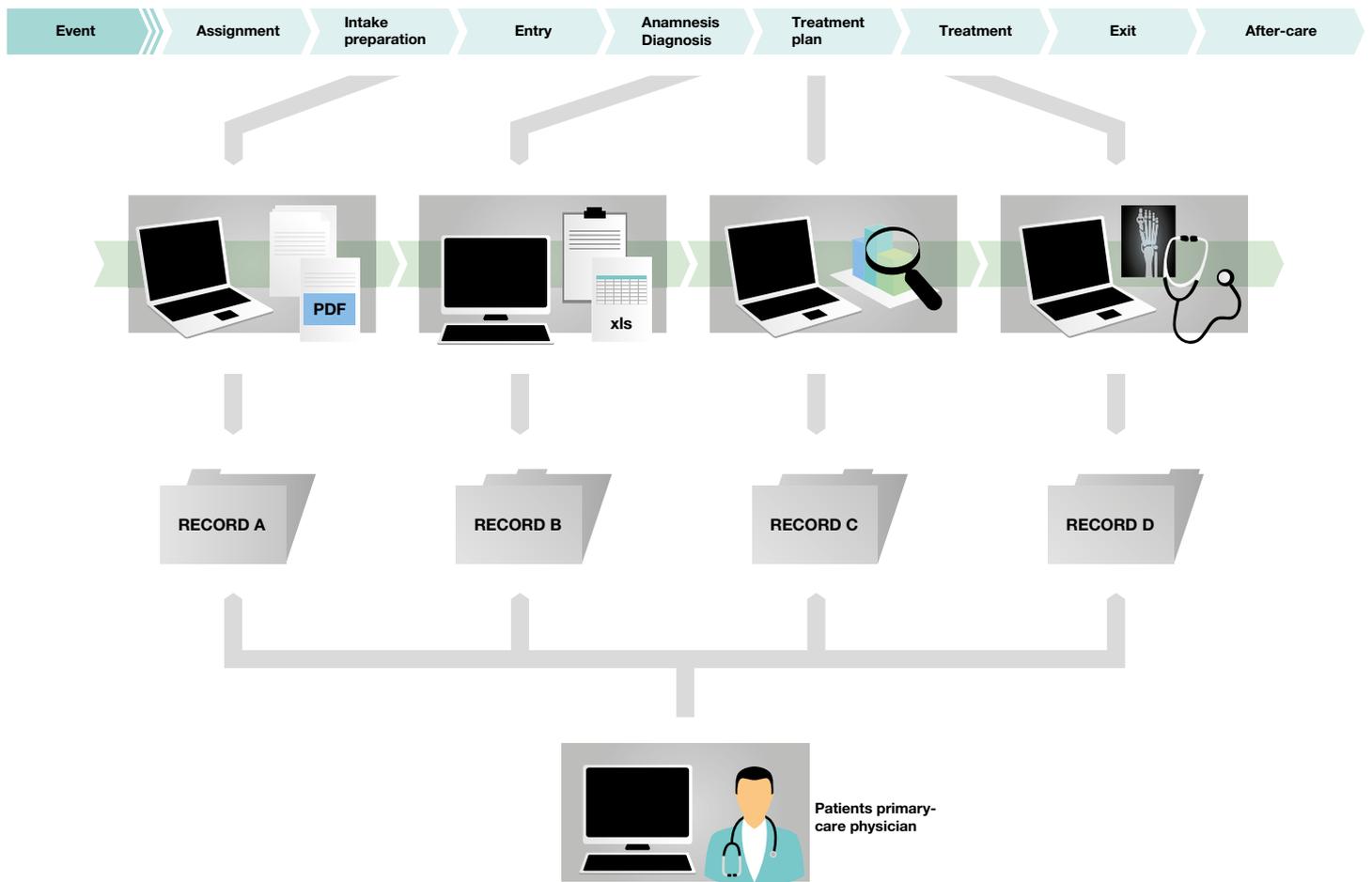
Processes in the Hospital

Realization of potential

Hospitals and other stakeholders in the healthcare sector organize their services mostly in processes. Through the increased utilization of electronic means, individual processes have achieved high degrees of efficiency. A huge, additional potential between process (and between stakeholders) – thanks to the competence of the i-engineers and Netcetera, this potential is being sustainably utilized.



Combining Processes and Stakeholders: still largely untapped today



- Data relevant to treatment is process-related only (proof of treatment, case history, billing, etc.)
- Exchange of data relevant to treatment between processes is difficult (transfers to internal and external agencies)

- Cross-reference queries not possible (e.g. admission form, special diet, treatment plan)

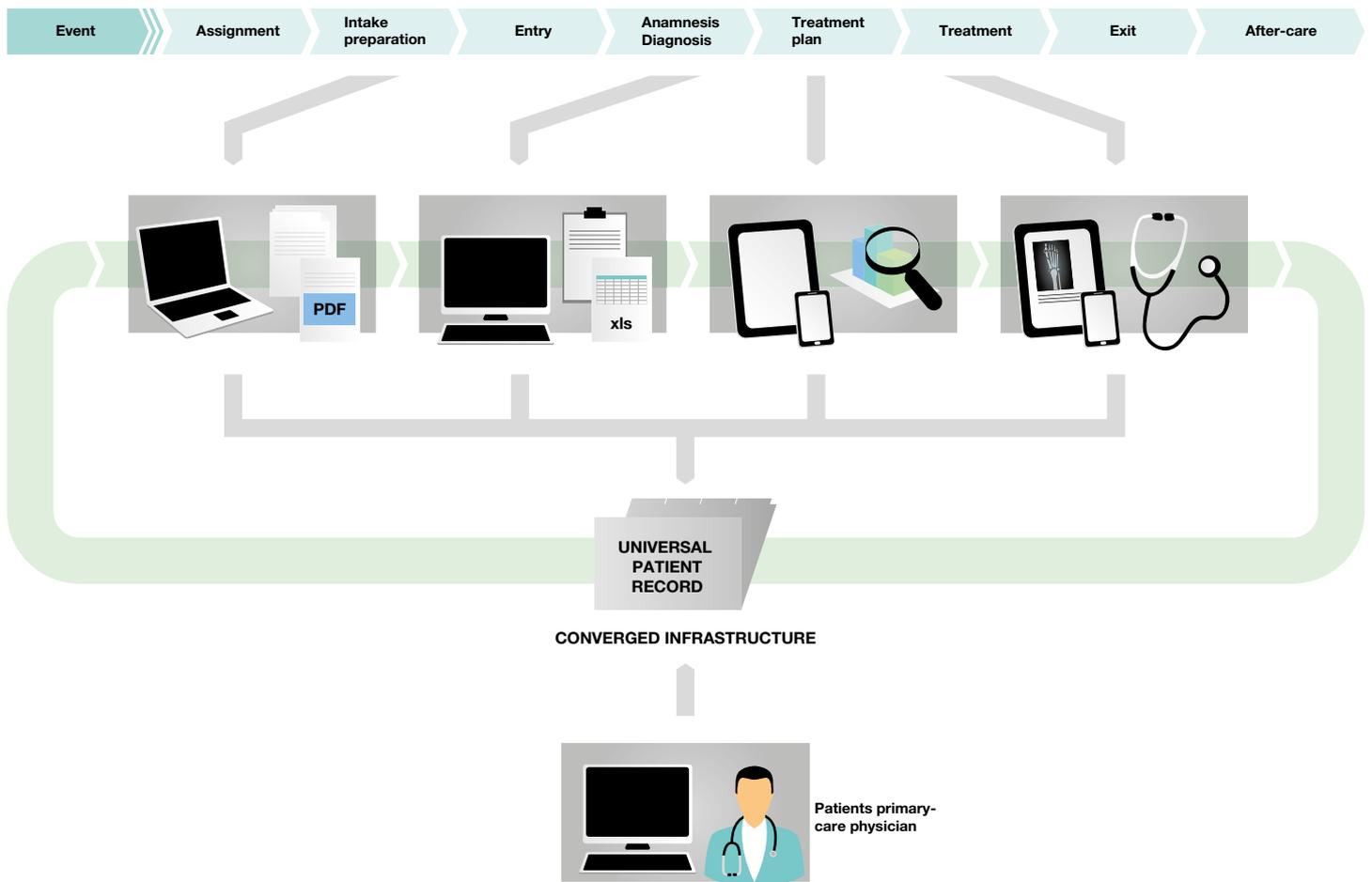


Software for the day-to-day hospital routine

The hospital can be regarded as an ensemble of people, data, lab and surgical reports, beds, bills, medication, in-patient and referring physicians, x-ray images, menus, hygiene concepts, competencies, and much more.

«health engine» manages all aspects of the hospitals day-to-day operations, from admission to electronic billing, and thus enables the orderly, optimized and focused organization – the orchestration – of the ensemble. «health engine» combines the medical and administrative areas into a unified information system. «health engine» stabilizes the ensemble with the use of information management, structure and process management, communication, and system integration.

The «health engine» of tomorrow – all processes in a single System



- Universal patient record
- Link-up of various formats to the patient record
- Automated workflows

- Ensure the quality of services
- Cost control and transparency
- Legal compliance

«health engine»

Implementation

In collaboration with your project team, the expertise and experience of the i-engineers and Netcetera facilitates a swift identification of the processes within your hospital. The processes are then visualized as needed in the «health engine», and the required interfaces determined (scanning, ERP, PACS, Office, etc.). Allowance for reorganizations is built into the system, and «health engine» processes them quickly and flexibly, at any time.

Advantages

- Electronic display of processes
- Extremely quick implementation
- Minimal project risks

What this means for You

- Connected processes
- Rapid increase in efficiency
- Manageable costs
- Clearly defined project scope

