Dex 7
IoT Healthcare

Healthcare Solutions Help Achieve
Modern Health Care and Profitability:

Dex7 IoT Healthcare Introduces Efficiency, Higher Utilization and Transparency

Are you always informed about the utilization and condition of your medical equipment? Do you have sufficient cost transparency? Can you justify upcoming invesments based on detailed facts? How do you identify potentials for optimization?

Modern medical devices and hospital information systems generate large amounts of valuable data every day. This data provides answers to the above questions and can thus make a major contribution to optimizing healthcare operations. Processed and interconnected data provides decision support for hospital management, nursing and medical services, through to facility management.

Dex7 IoT Healthcare can capture machine data from all devices and access sensor data – today and in the future. The intelligent framework, which already includes some data models and algorithms, quickly provides you with answers based on your data.

Hospital 4.0

Dex7 IoT Healthcare is a smart platform for your individual Internet of Things for healthcare that supports you in controlling your resources, using them in a cost-efficient manner, and engaging in results-driven investment planning. We can adapt Dex7 IoT Healthcare to your individual requirements at a very reasonable cost and in a short time.

Benefit from improved transparency, higher capacity utilization, and increased efficiency

Required data – for example, from medical devices and smart devices – is collected in special landing stages, structured, and only relevant information is transferred to the data lake for further processing. The information is presented in clear, predefined dashboards or reports and can be used as a basis for decision-making and downstream processing. The Dex7 Web interface provides you with access to this data from anywhere.

FIGURE 1
Dex7 collects the data from IoT / smart devices and visualizes it in clear, predefined dashboards on the Web interface. If required, the dashboards can be extended by adding individual views. In addition, Dex7 IoT Healthcare enables you to generate compliant reports that can be adapted to your requirements.
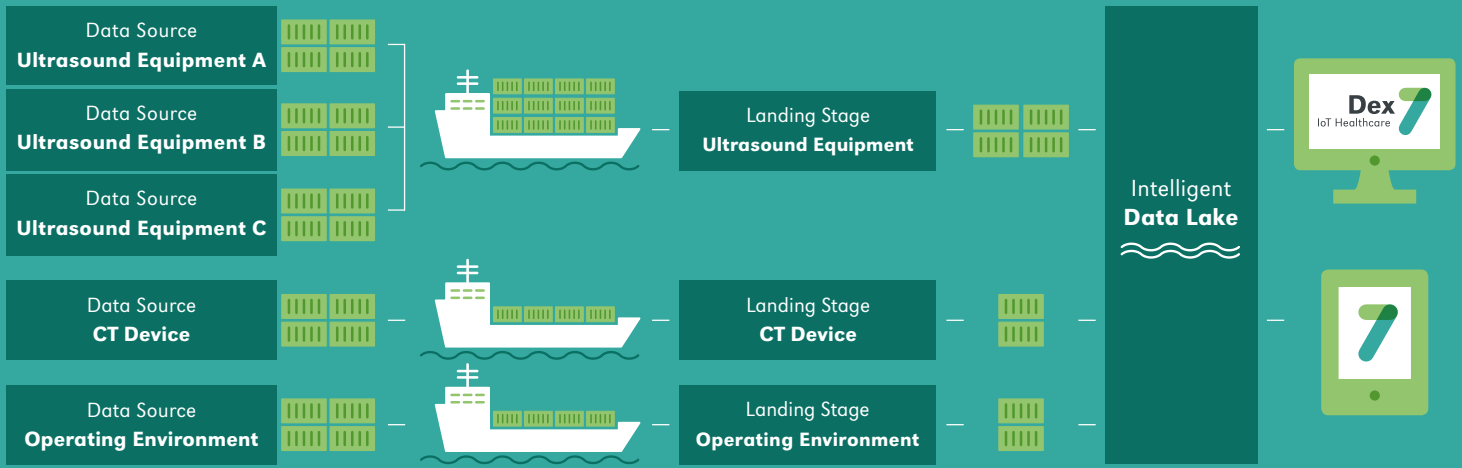
Dex7 IoT Healthcare adds a layer to your IT environment that does not interfere with your active IT systems or medical devices. Instead, complementing information that is frequently unleveraged is networked, consolidated, and mapped in an analysis and visualization layer. Patient care, your data protection strategy, and internal as well as external security-relevant aspects remain unaffected.

One data pool for heterogeneous requirements
Dex7 enables structured data exchange within and between hospital information systems, medical devices, facility systems, and other information sources in your hospital. The data collected in the intelligent data lake is processed according to your individual requirements, meaning that only the KPIs relevant for your decision will be shown on the dashboard. The focus on essential key figures makes it easier to capture the actual situation; it also saves time and results in faster and better decisions.

Benefits

- Results-driven investment planning
- Cost-efficient use of resources
- Transparency about system utilization and condition
- Decision support based on structured, well-founded data
- Access to relevant information – anytime, anywhere
- Optimization of facility and asset management by linking selected data streams
- Data security & compliance thanks to rights & role management
- By upgrading Dex7 IoT Healthcare with an optional business module, cost and profit planning are supported at the ward and department level

Improve the foundation to transform your area of responsibility into a profit center.

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