

Quo Vadis HIS?

A SNAPSHOT OF HOSPITAL INFORMATION SYSTEMS IN GERMANY

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2022 Most Active Investment Banks to Private Equity – Global		
	Advisor	Deals
1	Houlihan Lokey	242
2	Lincoln International	192
3	Deloitte	190
4	Grant Thornton	151
5	Willian Blair & Company	118
Source: PitchBook.		

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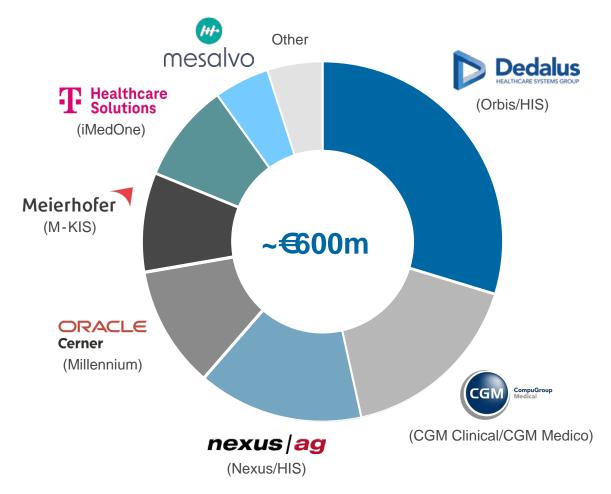
100+
Technology Deals in CY22

Key Vendors in the German HIS market

Despite being a mature market, the German HIS market continues to grow at double-digit growth rates.

German HIS Market

Approximate market shares by revenue



Sources: L.E.K., kma-online. As of March 2023.

Key Vendors in the German HIS Market (cont.)

Despite being a mature market, the German HIS market continues to grow at double-digit growth rates.

Recent Developments



Orbis is the market leader in Germany with 818 installations (+15 in 2022); currently developing a cloud-version Orbis-U.





Despite internal turbulences, CGM's HIS revenues increased by 8% to €277m in 2022; currently working on improved interoperability between PMS and HIS solutions.



Continued growth to 281 installations (+12) and +11% revenue growth to €67m; increasing focus on interoperability.



Continued growth driven by rollout within Asklepios; introduced new versions M-KIS Now and M-KIS Next.



Stable number installations at around 100; focus on post-merger integration of iSolutions and Meona.





Number of iMedOne installations stagnating at around 250; however, there are positive effects from TI implementation, plus increasing demand for patient portals and digital health solutions.



I.s.h.med has a stable base of c. 250 hospitals in Germany with a particular focus on university clinics; adverse effects expected from discontinuation of SAP's IS-H.





Philips will discontinue selling Tasy in Germany.



SAP announced the end-of-life for IS-H by 2027.

Sources:L.E.K., kma-online.

Quo Vadis HIS? Trends in the German HIS Market

Many hospitals will be required to rethink their HIS to embrace and drive their digital transformation.

Increasing Patient Focus



Hospitals increasingly expect HIS to not only provide administrative support, but enable **mapping the patient journey**.



Next-gen HIS will see **improved patient interaction and communication interfaces** along the treatment pathway.

Interoperability



Improved interoperability with the rollout of the electronic health record (ePA), the telematics infrastructure (TI), and messenger services (TI-M).



Accordingly, hospitals will need to rethink how data will be **stored** (centrally), **retrieved**, and **exchanged** in real time between all stakeholders in the healthcare system.

Conflicting Requirements



Hospitals will need to solve the conflicting requirements of **interoperability**, **data protection**, **and cybersecurity**.



Due to the high heterogeneity in the IT landscapes in the healthcare ecosystems, there is a growing **need for open interfaces and standard protocols** (e.g. FHIR).

Cloud-Based Applications



Upcoming regulatory changes are expected to result in a concentration of services in selected hospitals, which will further increase the need for coordination among care providers.



Next-gen HIS solutions will increasingly be **cloud-enabled** and need to facilitate the data exchange between various healthcare providers.

Investments Into the Digital Infrastructure of Hospitals

Krankenhauszukunftsgesetz (KHZG) fosters investments into the digital infrastructure of hospitals.

KHZG Overview



Since 2021, the German government provides €3.0bn in federal plus €1.3bn in state funding to accelerate the digitalization of hospitals.

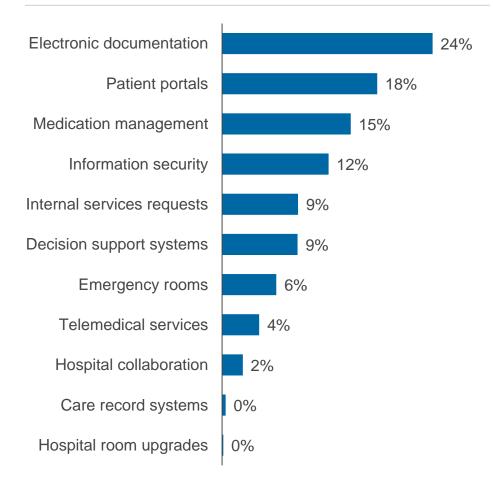


Funding is provided across 11 categories of investments, covering technology, information technology, personnel, and spatial improvements.

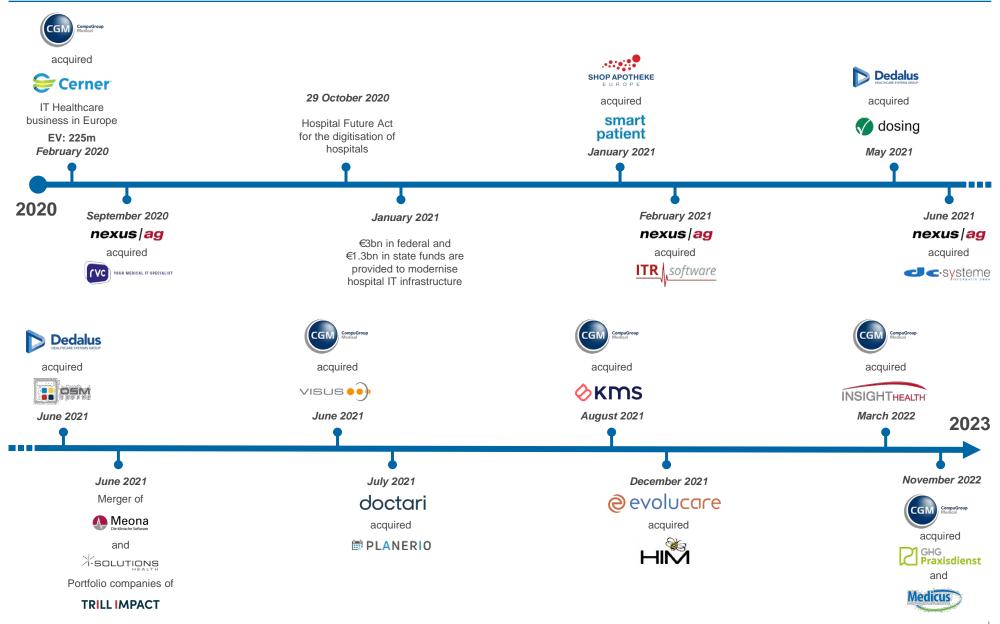


More than 6,300 funding requests⁽¹⁾ with a **total volume of €3.0bn** have already been submitted, i.e., c. 70% of funds available. Almost half of the planned investments relate to **electronic documentation** or **patient portals**.

KHZG Funding Requests by Category⁽¹⁾



KHZG Fueled the Consolidation in the German HIS and Adjacent Healthcare Software Markets



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