

Healthcare Tech

OUTLOOK

HEALTHCARE TECHNOLOGY KNOWLEDGE NETWORK

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Top 10 Healthcare Information Exchange Solution Providers 2017

Thanks to the power of Health Information Exchange (HIE), patients today are able to reduce costly and often unnecessary diagnostic tests and readmissions. Taking strides from coordinated care to preventive care, HIE is now on the verge of revolutionary transformation. As interoperable and integrated healthcare systems break the information silos to forge wider pool of health data – payers, providers, and end users stand to gain through this evolution.

At the heart of the HIE evolution is technology. Burgeoning mobile applications, cloud-based healthcare IT systems, and collaboration tools have brought connectivity to new heights. Through Big Data, care coordinators and providers are now gaining actionable insights in real-time, simplifying healthcare delivery while reducing costs. IoT, on the other

hand is driving consumer engagement and bringing in vital health information to HIE, enabling applications, services, and systems to work in synergy. Enroute these transformative changes, companies are also focusing on securing their data, which is of prime importance in closing the gaps in healthcare delivery.

There are several inventive HIE solution providers that are at forefront of driving the technology excellence and security in the HIE space. To simplify and help CIOs navigate the complex landscape, Healthcare Tech Outlook is presenting to you a list of top 10 HIE solution providers.

A distinguished panel comprising of CEOs, CIOs, VCs, analysts including Healthcare Tech Outlook's editorial board has chosen the leading players in the HIE market.

Tiani Spirit Facilitating Interoperable Health Information

As the healthcare information exchange arena continues to evolve, traversing the labyrinth has become challenging for healthcare providers. How to share data seamlessly and end the struggle in information exchange? Enabling interoperability remains the sole option. In essence, the surging reliance on the proprietary healthcare data exchange system undermines key aspects of information transfer. The outcome is a loss of time and money due to a non-IHE (Integrating Healthcare Enterprise) compliant product. Martin Tiani's venture—Tiani Spirit—has seized this unique opportunity to solve one of the most challenging issues in the health IT industry. The company offers an arsenal of healthcare data exchange solutions that empower healthcare leadership to conduct accurate and efficient healthcare data exchange. Tiani Spirit's global presence and expertise in the realm of data exchange can be gauged from the fact that it has over 120 IHE actor/profile certifications. That makes it one of the most comprehensive standard-based clinical document and imaging exchange solution globally. The company enables the healthcare providers to interoperate their systems in IHE (technical framework) with its scalable, standards-based healthcare interoperability platform.



Martin Tiani

healthcare systems. “Tiani Spirit not just connects multiple physicians, nurses, therapists, and institutes, but educates and supports clients to become IHE-ready first,” says Tiani, President and CEO, Tiani Spirit. Healthcare practitioners and institutions can transfer and utilize data, including lab reports, medical history, and radiology images. With SpiritEHR, healthcare organizations can deliver faster and better patient care as it allows information access from any location and system while adhering to information governance and patient approval. Clients can continue to utilize both existing software and SpiritEHR with the power of integration.

You can access IHE-based documents by a XDS and/or FHIR interface for structured data like CDA documents and FHIR resources through a database with Elasticsearch. The Spirit Clinical Data Repository persists single data entries based on the FHIR Resources without losing the relationship to the documents. Furthermore, full text search is possible.

Another highlight and particular strength of Tiani Spirit is the Spirit Access Control which is the most comprehensive

consent management and access control component. This solution is frequently used for data protection in datacenters of the public sector with the highest security requirements.

Besides the full IHE range, the company also provides Spirit WebServices with the possibility to connect the legacy products in a very short period of time. The goal is to convert the data in an IHE-compliant format. The company leverages the cross document workflow (IHE profile) to streamline the workflows between different health supervisors, and permits the stakeholders to monitor the complete process.

One of the many global success stories is about an Austria-based healthcare group located in Lower Austria. The client, an organization of 27 hospitals with a multitude of different information systems from different vendors, was faced with a challenge of connecting them. Tiani assisted the client to operate from the existing information systems with all their user interfaces, and embedded all systems into a new IHE network. Eventually, the client could avail the complete network underpinned by seamless integration without training resources.

Martin Tiani sprints ahead with his holistic view of standardized information exchange. He founded a new independent initiative called grapevine (www.grapevineworld.com) which is strictly related to IHE. It allows its whole ecosystem to exchange data through the vendor independent, global grapevine backbone. Martin Tiani invites every software-manufacturer, provider and system integrator to be part of grapevine World—and to be part of the future interoperable healthcare network. **HT**

Tiani Spirit

recognized by Healthcare Tech magazine as

TOP 10
HEALTHCARE
INFORMATION EXCHANGE
SOLUTION PROVIDERS - 2017

An annual listing of 10 companies that are at the forefront of providing healthcare information exchange solutions and impacting the marketplace

Company:
Tiani Spirit

Description:
Tiani Spirit is the provider of IHE and standards-based healthcare interoperability

Key Person:
Martin Tiani,
President and CEO

Website:
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