

MARKET INSIGHT

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Nuvimedix Telemedicine System Solutions

.....Industry Analysis on Innovation

Twenty-first century medicine will be known as the era of connected health. Advances in information and communication technologies have merged with medical device innovations to create a digital continuum of prevention, wellness and health care delivery services enabled by electronic health information exchange. Telemedicine will be a core function, hand-in-hand with in-person care, data analytics, population health management, and predictive modeling.

In healthcare, innovations have often been described as disruptive technologies that redefine best practices. Nuvimedix has configured primary care telemedicine systems from these types of digital mobile devices and developed proprietary software to integrate and share electronic data between and across locations. End-to-end solutions are modular, including digital vital signs, blood glucose levels, electrocardiograms, heart, lung and abdominal sounds, and high resolution images of the body and skin. All data are securely stored in the patient's electronic medical record (EMR), available on demand in real time, with access restricted by provider rights. Unlike competitive products, Nuvimedix software is modular, multilingual by design and patient encounter data, including provider notes, are recorded in the Nuvimedix EMR database that may be retrieved from external EMRs interfaced to the Nuvimedix system.

The primary care telemedicine systems are custom-designed to meet provider and patient needs. Basic system includes one or more clinic stations, one or more practitioner stations and the Nuvimedix medical record database. The latter includes multiple small servers that interoperate and exchange data at one or more sites. Multiple storage drives and servers may be added as the need grows for more EMR storage space.

In pilot studies, access to care has improved, and virtual patient engagement and testing has achieved better health outcomes.

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