

Medixine – The Company and Product

1 Medixine

Medixine is dedicated to the new paradigm of care – patients turning from passive targets to active players in their care. Our mission is to provide the tools for this change.

Medixine started in 2000 to develop mobile and cloud-based technologies and solutions for connected care. The market at that time was not ready for production but offered a lot of opportunities for pilots and projects. For the first over 10 years Medixine did projects for over 300.000 patients in more than 10 countries including the US, India, UK and Europe.

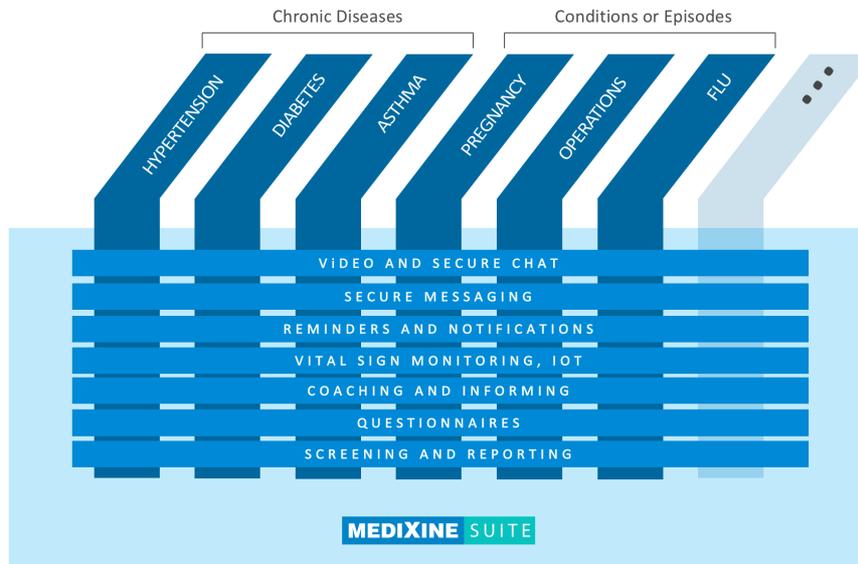
As the market is now mature and rapidly growing, Medixine has squeezed its extensive experience into a cloud software product, Medixine Suite. Our deep understanding of international connected care is the single most important differentiating factor of Medixine.

Medixine has 15 national and international patents and patent applications and has received 16 national and international awards, including the €200,000 Mahindra innovation prize. Medixine is ISO 9001 and ISO13485 certified.



2 Medixine Suite

Medixine Suite provides everything a healthcare provider needs for connected care services. Based on the open and scalable Medixine platform, the product provides key functionalities to patients, their families and careproviders as shown in the picture below.



Medixine Suite is horizontal, it supports any disease or condition. It also supports any terminal device, from mobile phones and tablets to PCs and automatic voice calls.

Medixine Suite has been designed for the global market: languages, terms, content and code-sets do not require coding, they can be set in the administration interface. Medixine Suite is a CE marked medical device and it has been evaluated by the Technical Research Center of Finland to scale for national level requirements.

2.1 Main Functionalities

<div style="display: flex; justify-content: space-between; align-items: center; background-color: #004a7c; color: white; padding: 5px;"> Secure Messaging Secure Chat Video Appointments </div>			
<p>Use Secure messaging to communicate with your patients and their family members.</p> <p>Supports communication between patient and a single professional or a team of professionals.</p>	<p>Use Secure Chat for fast interactive communication between patient and professional.</p> <p>All chats are between authenticated parties and are archived.</p>	<p>Use one-to-one video to keep remote appointments. A calendar view is available for managing video appointments.</p> <p>Integrated to Smart tasks to make it easy for the patient to enter the video call.</p>	
<div style="display: flex; justify-content: space-around; align-items: center;"> </div>			
<div style="display: flex; justify-content: space-between; align-items: center; background-color: #004a7c; color: white; padding: 5px;"> Tracking & Connected Devices Forms & Questionnaires Health Record View Case Management </div>			
<p>Use connected devices to automatically upload measurement data.</p> <p>Manual entry is also supported.</p>	<p>Create forms and questionnaires to screen patients and collect health data.</p> <p>Support complicated logic and score calculations.</p>	<p>Use Health Record View to collect or publish to patient permanent type of health data such as allergies, medications or conditions.</p>	<p>Use Case Management to automatically detect and prioritize out-of-bounds or noncompliant patients.</p>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 25%;"> </div> <div style="width: 25%;"> </div> <div style="width: 25%;"> </div> <div style="width: 25%;"> </div> </div>			
<div style="display: flex; justify-content: space-between; align-items: center; background-color: #004a7c; color: white; padding: 5px;"> Information Links Smart Tasks Health Coaching </div>			
<p>Publish links and documents for recommended information and instructions.</p>	<p>Use Smart Tasks to bring up actions that a patient needs to complete next.</p>	<p>Send automated coaching messages with relevant information.</p>	

3 Sample Use Cases

Care of Chronic Disease

Mobile remote monitoring of vital signs such as blood pressure or blood sugar, flagging of abnormal values to professionals, secure messaging for advice. Reporting for both patients and professionals. Questionnaires for symptoms and treatment follow-up.

Contact Centers

Expanding for instance an insurance company's call center to contact center. Questionnaires for screening customer needs, secure chat and video, secure messaging as additional channels to phone calls.

International Corporate Health Care

International service for connecting employees to care providers. Secure messaging replaces calls, video replaces visits. Secure chat provides immediate support. Patient portal gives information about local practices and rules. Wearable sensors register levels of stress and activity.

Companion software to Pharma Products and Medical Devices

Differentiation of pharma products by linking e-services that are valuable to patients and care providers. Services can range from support for independent patients to connect care.

4 Flagship Customers

After piloting Medixine Suite in 2018 *Nestlé Health Science's* subsidiary Vitalfo is now going into production with the Medixine solution for their nutrition related e-services to patients in the UK. Expansion to further countries is expected.



YTHS, the Finnish national student healthcare system provides care for all 130.000 university students in Finland. All their connected services are based on Medixine Suite, already over 30.000 patient logins per month.



NHS. Medixine has provided a number of projects to the NHS including a Parkinson's Disease Network and a national COPD service. In a home hospital service using Medixine's remote monitoring, seven hospital days were saved per patient.



Aetna. Mobile health coaching in a Medicaid plan in Delaware. Programs for diabetics, pregnant mothers and parents of small children. In the diabetes project HbA1c compliance raised for 48% to 75%.



Region South, Denmark. Our partner Systematic will deliver to all 23 places of treatment in the 13 hospitals in this region with a population of 1,2 million a Medixine Suite based solution for connected care. The agreement is for 10 years.



Linde is a Germany based global company with a turnover of over 20B€ that works in 100 countries. Their home care organisation has 1.5M patients. Medixine and Linde have signed an agreement about Medixine supplying full remote monitoring services to Linde internationally.



5 Next Steps

Medixine has a product with international traction and a global potential. With active distributors now in Finland, Sweden, Denmark and Germany, and users in Finland, Sweden, Denmark, the UK, Belgium and Spain, Medixine is in discussions with partners in several countries to bring Medixine Suite to new markets.

More information about Medixine at www.medixine.com, Twitter [@medixinecom](https://twitter.com/medixinecom) and e-mail info@medixine.com or by email from CEO Tapio Jokinen, tapio.jokinen@medixine.com.