



The collaboration solution for integrated care.



MEDUDEM[®]
quality health services

INTRODUCTION

The easier healthcare communication and collaboration across structural and communication borders works, the better the results.

Especially in chronic care, the collaboration of various medical professionals and therapists around the patient is essential. Simultaneously, the active involvement of the patient contributes to improving efficiency, quality, safety and well-being.

This is where Care Integrator®, the new solution of the National Strategy against Cancer (NSK) for integrated care in oncology, can be of great benefit. The mobile and web-based solution combines a simple and safe way of interaction for all players in the healthcare environment and facilitates communication, sharing and collaboration across existing boundaries.



Care Integrator® is the new solution of NSK for integrated care in oncology.



Nationale Strategie gegen Krebs
Stratégie nationale contre le cancer
2014-2017

ABOUT US

What motivates us?

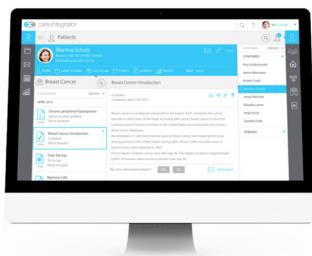
We think differently and use new approaches in the field of digital health to improve health outcomes.

How do we do this?

We facilitate collaboration across healthcare borders.

What do we do?

We offer a user-friendly, mobile and web-based solution that integrates all relevant stakeholders in the health sector in a simple and reliable way to facilitate exchange and communication.



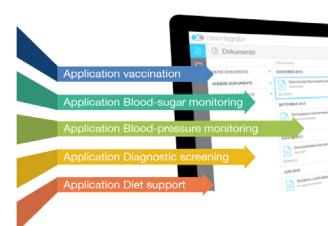
The Care Integrator® solution

Based on many years of development together with healthcare professionals, Care Integrator® has become one of the most user-friendly health solutions.



Our services

By way of convincing consulting and project management, you will receive expert advice and support throughout the project from our health professionals.



A business concept

Care Integrator® is not only a solution, but a long-term business model for you. This gives you the opportunity to regularly offer new services.

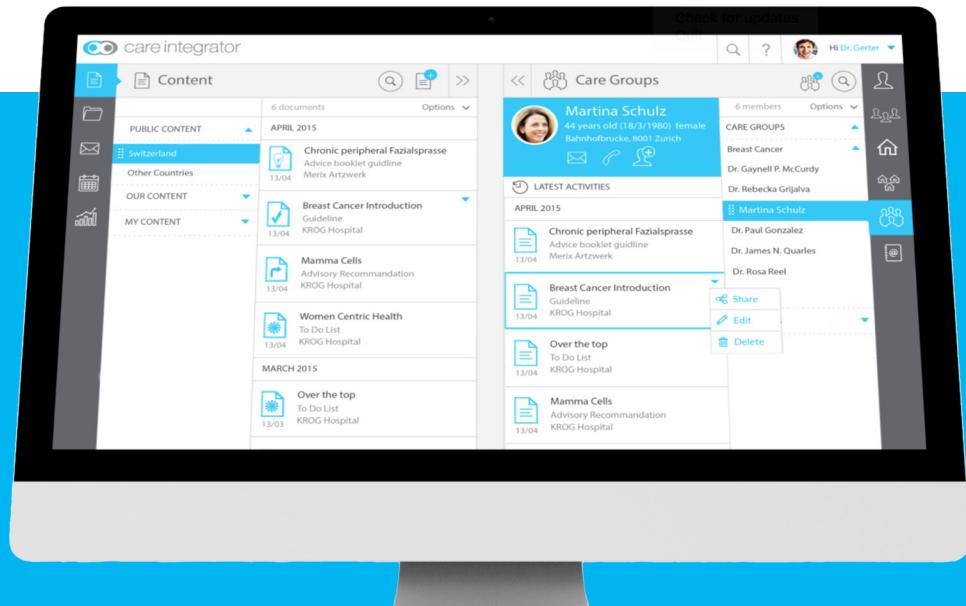
User-friendly

Expertise

Expandable

THE SOLUTION

Care Integrator® is a mobile, web-based SaaS solution and includes all the major functions for daily use in the integrated healthcare environment.



Simple document management

You organize your own documents, videos and pictures with one click. Each document is identifiable and traceable within the system - also in relation to all updates.



The innovation: Care Groups

Organize all medical professionals involved in the treatment process using a care group around the patient. This facilitates coordination and collaboration, and the patient can be actively involved.



Group Management

You can organize based on groups and directly interact (for example as part of tumor boards). Access and editing rights are managed in a simple way.



Access to valuable documents

Care Integrator® makes a variety of documents (patient or medical content) available. Leaflets, guidelines, treatment guidelines etc. can be found.



Exchange of documents

Your documents can be shared simply and easily using drag & drop with other persons (e.g. patients), organizations and groups – and are encrypted.



Fast contact management

You network quickly and easily with other contacts, organizations and patients. The profile and contact functions are already available. Build your own network.

COLLABORATION

Care Integrator® is a collaborative solution that connects all stakeholders and users in and around the healthcare system to facilitate collaboration. Thus, even users such as GPs outside of your local network can be reached.



Secure communication

Use Care Integrator® in direct communication with your patients and peers - fully encrypted, so that sensitive data can be exchanged.



Valuable statistics

The activities around users and content can be tracked at any time in Care Integrator® using valuable statistical data and analyzed anonymously and in real time.



Knowledge management

Use Care Integrator® in sharing your knowledge and content with internal and external bodies. Discuss latest studies or findings directly with your network and peers.



Secured exchange

In Care Integrator®, all communication is encrypted and secured. Your emails and your documents are not physically sent through third-party services and remain in the certified hosting center.



Customizable eQuestionnaires

Do you want to create and customize your own electronic surveys? Then Care Integrator® is the right tool for you in a simple and efficient environment.



Connections, interfaces

Care Integrator® provides you with all standardized interfaces to third-party systems like FHIR, HI7, IHE. In addition, mobile devices are connected.

Technological details:

Care Integrator® is a cloud-based SaaS (Software-as-a-Service), which offers the following advantages:

- No installation required - easy access via online-registration in the web browser.
- Location-independent: access your data from anywhere in the world via your mobile device.
- No annoying software updates - the updates will be available immediately.
- The solution is automatically secured (backup) - your data always remain available.

Care Integrator® is currently available in German, French and English. Additional languages can be integrated as desired.

Your registration access: <https://secure.careintegrator.com>

OUR TEAM

We develop customized solutions for you and are dedicated to the needs and processes of the various individuals and organizations in and around the healthcare environment.

Our expertise and experience in healthcare lead you to your goals.



Urs Wittwer
CEO & Founder

Urs Wittwer supports you in developing a viable business concept, project management and digital strategy.



Philippe Coley
Solution Delivery Manager

Philippe Coley is the right person for all programming requests the right contact person. He works directly with the programmers and creates the specifications.



Gregor Minder
Senior Project Manager

Gregor Minder realizes all the projects tailored to your needs. He makes process analysis, creates actual and target settings and develops the solutions you need.



Ioannis Tarnanas
Medical Intelligence Officer

Ioannis Tarnanas brings medical challenges in line with the electronic solutions in an easy-to-use environment.



Darren Sleeman
Senior Developer

Darren Sleeman is your man for intelligence in Care Integrator®. He developed Healthbrain® and provides you with the relevant statistics and process data.



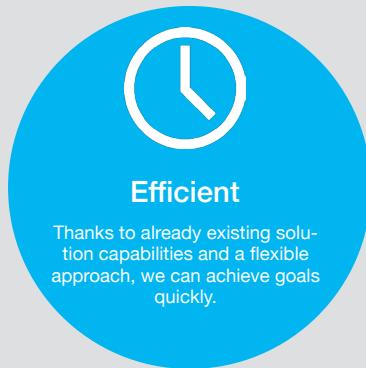
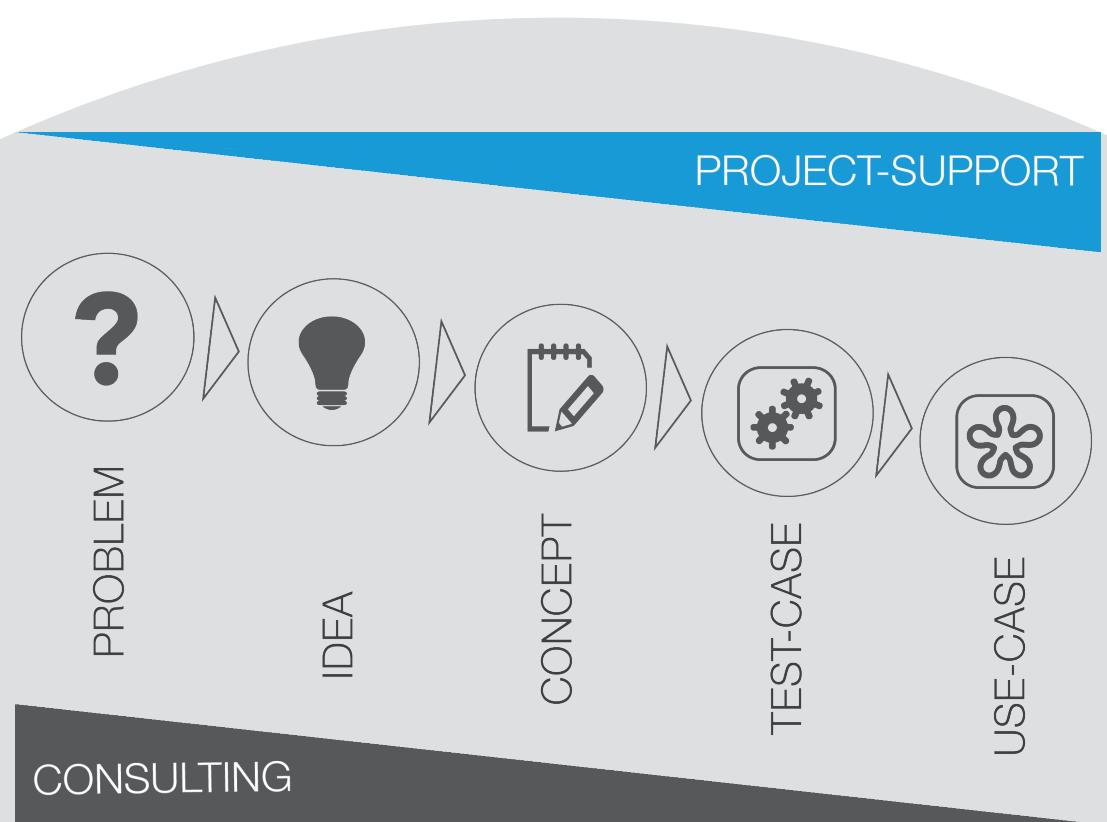
Andrea Pistai
Business Intelligence Officer

Andrea Pistai is your expert in content classification and quality assurance of data. She supports you in internal and external processes and procedures.

In collaboration with a highly specialized and internationally experienced team of 20 developers in Slovenia and 5 external consultants (Core Team), we develop tailor-made, state-of-the-art solutions.

SERVICES

Due to our many years of experience in the healthcare market and thanks to our proven methodology in project management and consulting, we help you achieve your digital objectives quickly and in high quality.



SECURITY

The following information can be found in detail in our Terms and Conditions and the data protection and security arrangements. The most important points are briefly summarized below.



Authentification

Access to Care Integrator® for medical professionals is arranged via third-party systems such as HIN and DocCheck. Patients can only access the system by invitation from a healthcare professional.



Privacy, role sharing and rights management

A clear distinction of roles and an authorization concept within the system ensures that only authorized persons (e.g. healthcare professionals) can access documents. (for example prescriptive information to medical professionals). In addition, access rights to patient data is organised analogous to EPDG regulations, i.e. the patient determines who can access to what data (Privacy). Patients grant access to their data directly via the system.



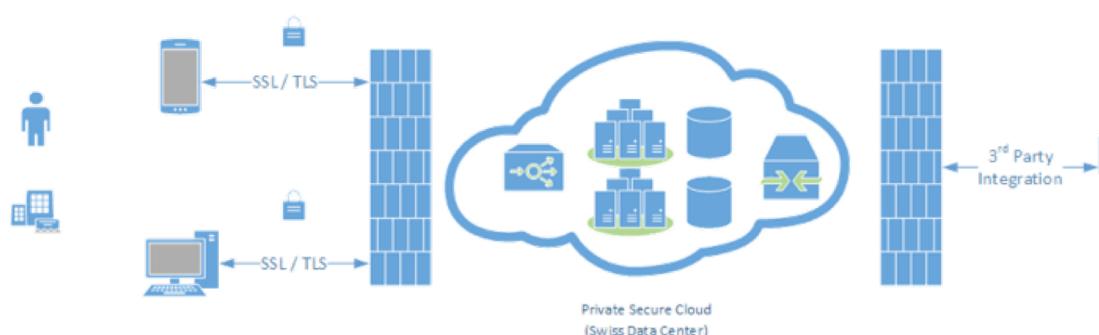
Data safety

The solution is hosted in the “Safe Swiss Cloud” (<https://www.safeswisscloud.ch>) data center. This means that traffic within Care Integrator® always remains in Switzerland. The datasets are subject to the strictest data protection requirements according to Swiss and EU law which prohibits any disclosure of data to third parties without the consent of the customer. The data center is certified according to ISO 27001 (Information Security Management) and compliant with the ISO 27018 standard (Personal Data Protection) and the FINMA Circular 2008/7.



Encryption

Care Integrator® uses the secure SSL / TLS encryption protocol (Thawte certification) for data transmission. This is indicated by the green bar at the address in the browser.



SUPPORT

The license in Care Integrator® includes the support and the hosting costs. So you never have to worry about unplanned additional costs and have full cost transparency.

In developing the solution together with medical professionals, a strong focus was placed on an intuitive user interface. Therefore Care Integrator® can be used immediately, without requiring elaborate training. However, in order to provide optimal customer support, we have implemented the following online help:

1

You can directly enter your search term in the online help and quickly find the answers to your questions in the form of text or video.

Self-help for users

2

At any point, you have the opportunity to ask questions. Through a simple and fast ticketing system the Care Integrator® Support will respond within a short time.

Help desk ticketing

3

We are available at any time through our hotline for direct support requests. We are happy to help on weekdays between 8am-6pm.

Hotline

TECHNOLOGY

Short overview of the technology:

Care Integrator® is cloud-based, which gives you the following benefits:

- No installation necessary - access is easy via online registration in the web browser.
- Independent of the location - also via mobile devices you access all your data, from anywhere in the world.
- No annoying software updates - the updates are available immediately.
- The solution is backed up automatically (backups) - your data is always available again.

Technical Details for Experts:

- ¶ Care Integrator has been developed to meet the highest safety and reliability standards.
- ¶ All data and computing resources are stored in Switzerland in the virtual data center of SafeSwissCloud.
- ¶ The solution is certified to ISO 27001, ISO 27018 and FINMA 2008/7 to ensure best practices for security management and data protection.
- ¶ The solution provides the most common interfaces for connecting third-party systems (HL7, API, DCOM, XDS for document exchange, PIX / PDQ for patient identification, XUA for authentication, ebXML as a Web service profile).
- ¶ The solution has been developed from the basic architecture in such a way that national and international standards can be respected and rectified (IHE, FHIR).
- ¶ Care Integrator is a multi-tiered (high-availability) high availability application. The main components are a front-end web application, a portal, and back-end middleware hosting business logic, repository, and integration engine.
- ¶ The portal and the middleware run on Dual Load Balanced nodes with a database cluster and 3 nodes in the backend.
- ¶ Care Integrator was developed on the basis of advanced open-source technologies such as WildFly and PostgreSQL based on the Java platform Enterprise Edition.
- ¶ The site is backed up with Thawte's highly encrypted SSL validation SSL certificate and can only be accessed via HTTPS.
- ¶ We support the secure third-party authentication services DocCheck or HIN, which ensure registration for medical professionals, health care professionals and insurance companies in dealing with patients or insured persons.

APPLICATIONS



Care Integrator® offers not only a widely applicable solution but a long-term business concept. The applications in Care Integrator® are fully tailored to your needs and products.



After thorough process and needs analysis your applications will be tailored to your products, interactions, activities and needs.



Applications use the standard functionalities of Care Integrator® and operate seamlessly within the solution.



Applications enable a high degree of automation. Exactly what medical professionals need to work effectively.



Applications belong to paying customers. This means that the IP is completely transferred by contract.



You determine what happens to your applications. You activate the applications for individuals and organizations that need them.



Applications can be sold to third parties within Care Integrator®. Users pay either for each use or make a one-off payment.



MEDUDEM AG is a company in the digital health sector that focuses on the improvement of collaboration and interaction of all participants involved around chronic diseases (CCM). On the basis of its readily available web- and mobile-based solutions Care Integrator® and Healthbrain®, MEDUDEM AG improves collaboration and exchanges between medical professionals and patients, as well as third-party organizations. This provides clear advantages and synergistic benefits for all parties in and around the healthcare market and ensures the interaction and communication in a simple, fast and comprehensive way and manner.

MEDUDEM Corp.
Räffelstrasse 28
CH-8045 Zürich

Telephone: +41445869626
eMail: info@medudem.com
Skype: medudem_main