kinseed

SwiftCare Solution Guide

Best practice use cases and example feature deployments for Digital Transformation in Healthcare

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SwiftCare

SwiftCare **Solution Guide**

Below is a list of some of the common challenges our clients use SwiftCare to solve in Digital Transformation for Healthcare, and the features they use to solve them.

Your challenge	Ideal Solution	Features Used
Replace paper forms with online, modern alternatives	MediLog	• Rapidly build forms with zero code • Utilise a vast array of healthcare-focused data types and controls
Meet new and changing regulatory and governance requirements	MediLog	• Easily build detailed custom reports and analysis • Automate reporting of data • Export to all major common data formats
Fill the gaps in existing legacy disparate clinical information systems and services	MediLog	• Integrate with existing systems through secure, robust APIs • Provide users with a new, easier modern UI
Build a custom Electronic Patient Record (EPR) to meet your organisation's unique needs and requirements	MediLog	• Rapidly build forms, workflows and processes with zero code • Ensure strict security with powerful permission model
Share important records and information amongst disparate teams and organisations	MediLog	• One-click-share securely brings others into the loop • Easily export and share information through secure APIs and common formats
Give mobile teams instant access to critical records, data and information	MediLog	• Securely access MediLog from any web-connected mobile or desktop device • Monitor and secure what is seen, where, and when
Reduce existing solution sprawl with one place to manage clinical and administrative data	MediLog	• Build multiple form and data types, manage them in one simple interface • Restrict sensitive data with powerful security tools

Your challenge	Ideal Solution	Features Used
Reduce time spent manually recording patient measures and metrics	MediLog + MediVue	• Automatically gather and record data with MediVue • Connect with MediLog to autofill gathered data into appropriate forms & records
Create a single, central dashboard of clinical patient measures and metrics	MediVue	• Consolidate measures from multiple equipment types for each patient • Instantly dashboard live data from all patients at once
Intelligently review trends and patterns in patient vital signs / measures	MediVue	• Scrub back in time through data at full resolution • Identify outliers, alerts, events and other key points to be shared onwards with others
Provide live, real-time consultancy for acute and critical care patients	MediVue	• Capture live, real-time patient data in MediVue (<5s latency) • Share a secure link with experts and consultants anywhere in the world
Centrally monitor mobile patients (e.g. in ambulances or in the field)	MediVue + MediConnect	• Mobile-enable all portable patient monitors with MediConnect device • Centrally mange and view patient data with MediVue
Uplift and "smart-enable" legacy clinical equipment	MediConnect	• Enable data connectivity with wired or wireless operation • Use on-board caching so data is never lost or forgotten • Automatically stay up to date
Track, log and monitor status of beds, equipment and other assets in your organisation and others	MediTrack	• Freely define resource types and status codes / options • Share status updates and counts • See current, live counts and status in your org and others you follow
Create, manage and submit standard and CD prescription requests and tickets	MediScript	• Automatic dosage calculator • Governed requests for Controlled and Standard Drug schedules • Track and manage repeat scripts in a central patient dashboard

SwiftCare System Requirements

SwiftCare is designed to work with any modern web-connected device. However, depending on your specific project needs, there may be some additional system requirements, as follows:

General SwiftCare Requirements

Requires a web browser connected to the internet (Internet Explorer 10 or above, Firefox 68.6.0 or above, Chrome 66.0.3359 or above, Edge 75.0.124 or above, Safari 10.1.2 or above, Opera 53 or above, Gnome Web 3.22 or above): other web browsers may work, but their support is not guaranteed. Javascript is required (universally or through an application whitelist).

Mobile Access Requirements

Requires an iOS (iPhone 6S, 6S Plus, SE or above, with iOS 12.0.0 or above) or Android (6.0.1 Marshmallow or above) Device connected to the internet through mobile data or Wi-Fi. Javascript is required (universally or through an application whitelist).

MediVue Desktop Requirements

Displaying full-resolution clinical graphs on a desktop computer through MediVue requires an HTML5 browser with JavaScript enabled (see above). Kinseed recommends at least 8GB of system RAM available for smooth and reliable rendering of clinical graphing while viewing MediVue data.

MediConnect Requirements

Mobile connection requires a SIM card (nano-size) for a supported 3G, 4G or 5G network. Networks include Vodafone, o2, EE, Virgin, Three, and most major enterprise M2M networks. Other networks may successfully work with the MediConnect device, but their operation is not guaranteed. Mobile data coverage is required for the mobile telemetry and data upload functionality in MediConnect to be operational. Wi-Fi connection requires a wireless network in 802.11 a, b, g or n Infrastructure mode. Connection to a supported clinical device requires either a Wi-Fi connection in 802.11 a, b, g or n Ad-Hoc mode, or a wired connection through USB (Type A, B or C), RJ-45 Ethernet, RS-232 Serial, or through a converter dongle (sold separately). A list of supported clinical devices is available on request from Kinseed.

Authentication and Single-Sign-On Requirements

All applications in the SwiftCare suite support their own authentication method; use of a third party or federated sign-in service is not required for the successful operation of SwiftCare. Single-Sign-On requires the use of Microsoft Active Directory (with Active Directory Cloud Connector), Microsoft Azure Active Directory, or an authentication provider which fully supports the OAuth 2.0 framework.