

RADventure

RADventure is specialized in ICT solutions for healthcare.

With over 25 years of experience in providing advanced cancer screening solutions, we focus on preventive care, more specifically on preventive screening. We are active both in national and international screening projects and we contribute to different screening solutions as:



breast cancer screening



cervical cancer screening



colon cancer screening



prostate cancer screening



cardiovascular screening



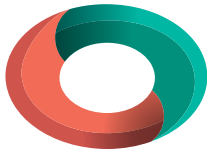
lung cancer screening

Our Strenghts

- ✓ Many years of **experience** in population screening
- ✓ The use of advanced **technologies** in healthcare
- ✓ The **ability** to link different (healthcare) systems
- ✓ **Highly customizable** and modular solution thanks to our **Agile** software development team



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USP

UNIFIED
SCREENING
PLATFORM

RADventure's Unified Screening Platform (USP), is a flexible data management software environment that provides what is needed to implement large scale screening programs.

With USP, the population can be organized in target groups based on different parameters (such as the client's age, gender, living area, previous study result, risk questionnaire, etc.)





For more than 25 years RADventure provides advanced workflow IT solutions for supporting a variety of (nationwide) screening programs like:

- Breast cancer screening
- Cervical cancer screening
- Lung cancer screening
- Cardiovascular screening
- Colon cancer screening

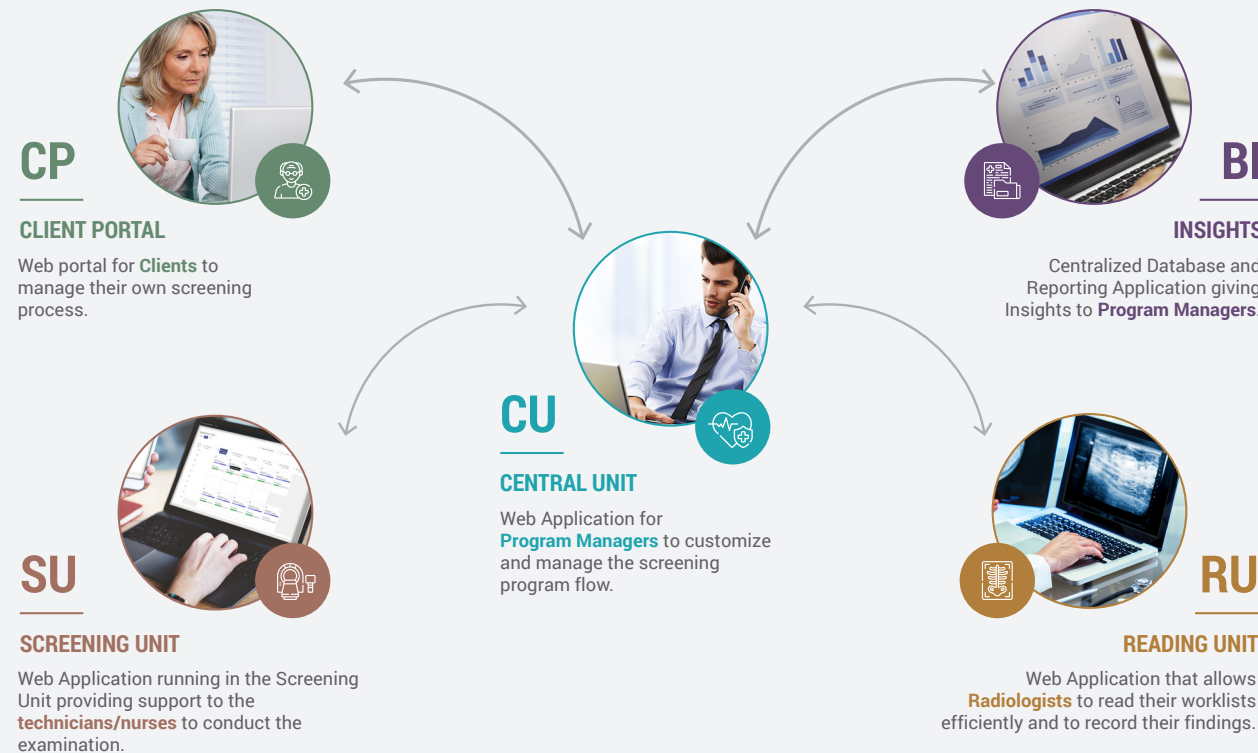
Based on our vast experience we know that all screening programs have a lot of functionalities in common however they are also having it's own specificities (like specific workflows, modalities and regional differences)

To support all functionalities needed within a screening program RADventure developed a Unified Screening Platform: USP. USP is a flexible data management software environment that provides what is needed to implement large scale screening programs. With USP, the population can be organized in target groups based on different parameters (such as the client's age, gender, living area, previous studies result, etc). Based on these parameters each client is invited for a specific screening workflow and tracked from the first contact until the end of the screening. Regarding planning and monitoring, USP has a Central Unit that can configure, plan and monitor different Screening Units (fixed and/or mobile).

Some key features of USP are:

- ✓ Retrieving clients from any population registry
- ✓ Providing (online) questionnaires for identifying the high-risk groups
- ✓ Invitation strategies using letters, e-mail, WhatsApp or text-messages
- ✓ Capacity Based planning algorithm for scheduling the client appointments
- ✓ Client portal for rescheduling appointments
- ✓ Client registration, examination and results
- ✓ Multiple models for Evaluation (single read/result, double blind reading etc), sending results and possible follow-up
- ✓ Centralized anonymized data warehouse for providing KPI's

Due to the modular architecture, USP is flexible and ready to be integrated in other healthcare environments like Hospital and Laboratory Information Systems.



Features

Total solution Turn key delivery Flexible solution	Paperless, avoiding user-errors
Modular design	Automatic report generation
Configurable workflow	Years of experience
Configurable communication: channels & templates	Web-based screening






These features result in:

- ✓ Increased participation rate
- ✓ Automatic planning of invitations
- ✓ Flexible and proven scheduling methods
- ✓ Personalized invitations and workflows
- ✓ Efficient for both screening organization and clients
- ✓ Increased quality of screening program

Services

- ✓ Data Conversion
- ✓ Consultancy
- ✓ Support
- ✓ Training

Application Modules

				
CLIENT PORTAL	SCREENING UNIT	CENTRAL UNIT	INSIGHTS	READING UNIT
Easily reschedule appointments	Daily agendas (based on the scheduled invitations)	Screening workflow administration	Screening workflow indicators	Reading modes supported: 'single' and 'double-blind' reading
Manage user profile (custom)	Intake process	Client administration	Centralized and unified (aggregated) database	Supports Consensus or Arbitration as configurable discrepancy resolution modes
Questionnaire module	Walk-in registration (efficient and user-friendly registration of clients)	Manage master files and integrations	Anonymized client information	Allows integration of AI tools in the screening workflow
	Registration of study details (technician)	Screening capacity definitions	Reports (custom)	Supports HL7 standards
		Planning module	Business Intelligence (BI) dashboards	
		Follow-ups		



SECURITY

Module responsible for managing users, roles and their permissions.



COMMUNICATION

Module responsible for generating PDF's or HTML reports and sending them via e-mail, SMS / WhatsApp.



HL7

Module that allows to send and receive HL7 messages allowing integrations with other health systems.