

VITALY



PATH TO BETTER SELF CARE

PIFU pathway - the process to book an appointment where necessary

Gašper Čehovin, September 2022



Our Mission & Vision

MISSION

A reliable partner that helps you

Connect, Collaborate and
Change the healthcare experience for good.

VISION

In teamwork, we want to consistently improve care experience and offer **equal access to optimal care** to more than 50 million patients.

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Market presence



UNITED KINGDOM

ONCOLOGY

- 
Blackpool Teaching Hospitals
NHS Foundation Trust
- 
University Hospitals of Morecambe Bay
NHS Foundation Trust
- 
Lancashire Teaching Hospitals
NHS Foundation Trust
- 
East Lancashire Hospitals
NHS Trust

PAEDIATRIC & ADOLESCENT HEALTH

- 
East Lancashire Hospitals
NHS Trust

MENTAL HEALTH

- 
Essex Partnership University
NHS Foundation Trust



ONCOLOGY

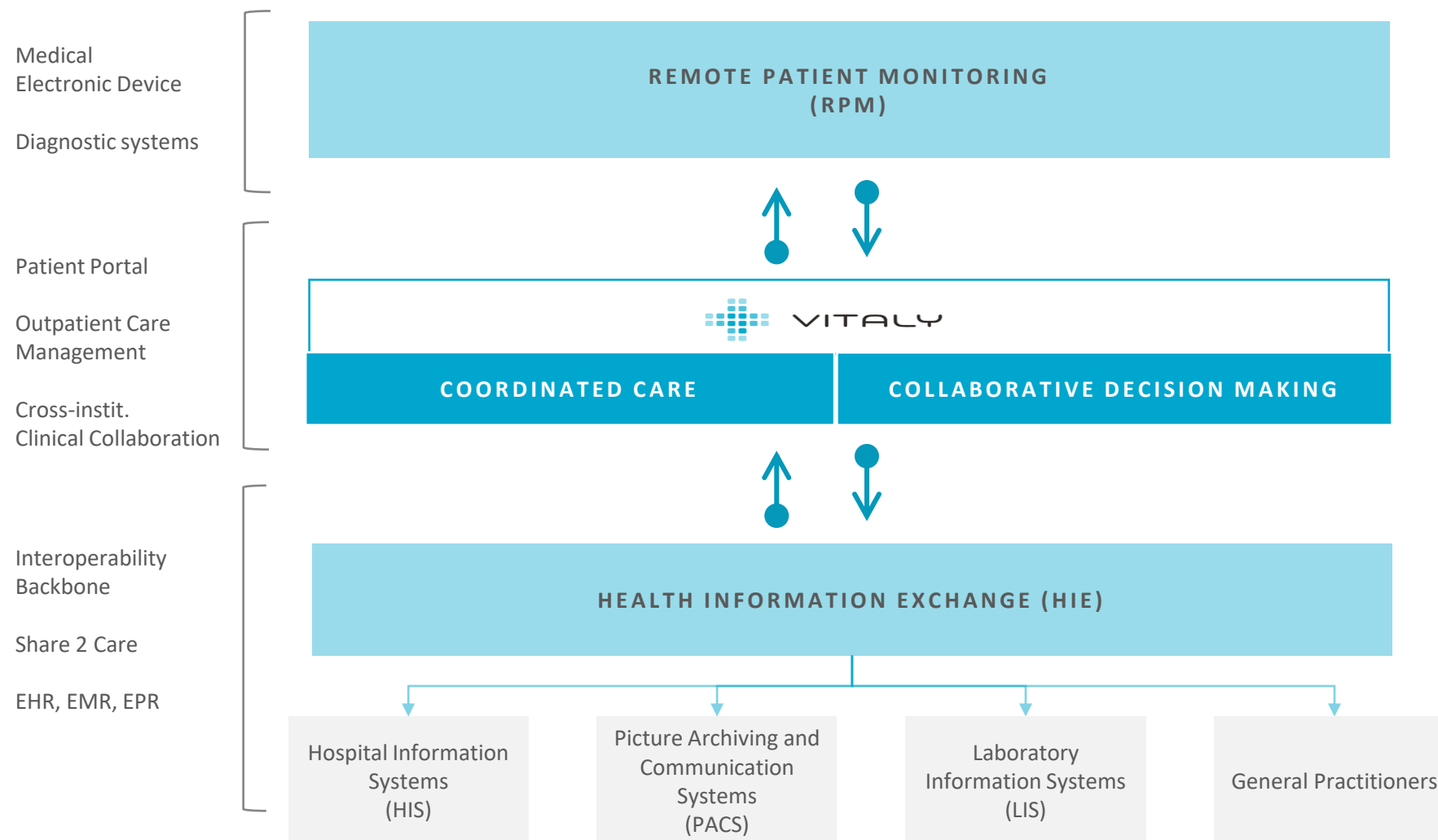
-  Maastricht UMC+
-  Maastro
-  UMC Utrecht
-  tergooi
-  meander
MEDISCH CENTRUM
-  ST ANTONIUS
een santeon ziekenhuis
-  Diakonessenhuis
-  Ziekenhuis
Rivierland
Hét mensenziekenhuis
-  máxima mc

THE NETHERLANDS

OVERVIEW OF eHEALTH MARKET

VITALY product portfolio as collaboration specialist is serving from the core of the eHealth market

OVERVIEW OF MARKET STRUCTURE



1

DIAGNOSIS

2

TREATMENT
RECOMMENDATIONS

3

OUTPATIENT CARE
& SURVEILLANCE

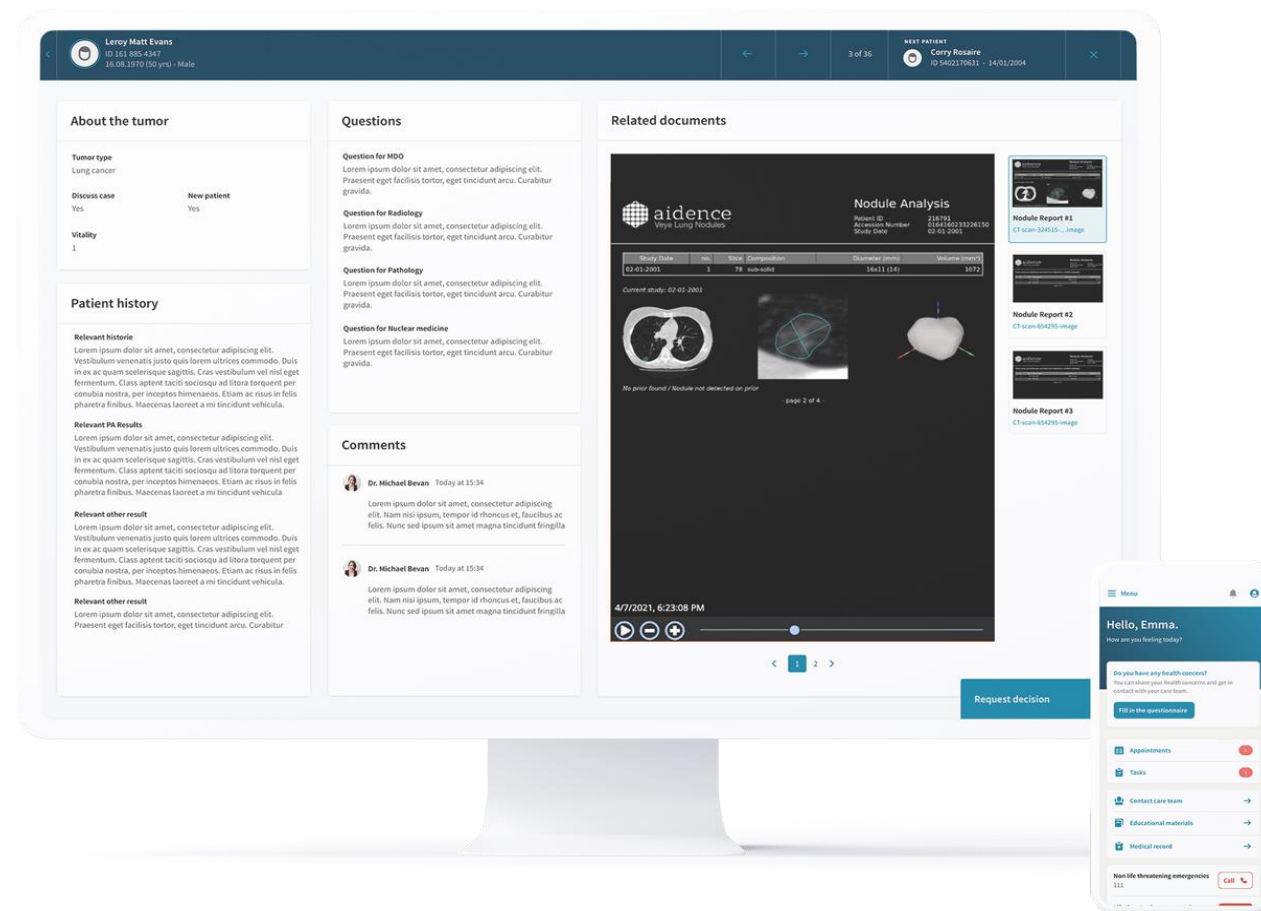
4

RECOVERY
& WELLNESS

Collaborative decision making

The cornerstone of regional MDTs

- Automated data exchange for less manual efforts
- Streamlined workflows for better time allocation
- Various integrations for efficient communication



FOR MULTIDISCIPLINARY TEAMS

Benefits for stakeholders that can be **achieved** and **measured**.



FOR PATIENTS

+ 35%

QUALITY OF LIFE

IMPROVED OUTCOMES



FOR HC PROVIDERS

- 33%

PROFESSIONAL-LED
APPOINTMENTS

MINIMISED EFFORTS



FOR HC MANAGEMENT

- 573

MAN/HOURS
PER MDT PER YEAR

OPTIMISED COSTS

REFERENCE: THE NETHERLANDS

Collaboration of regional medical experts

COLLABORATIVE
DECISION MAKING

PROJECT

Regional Virtual Tumor Board Platform in the Utrecht region

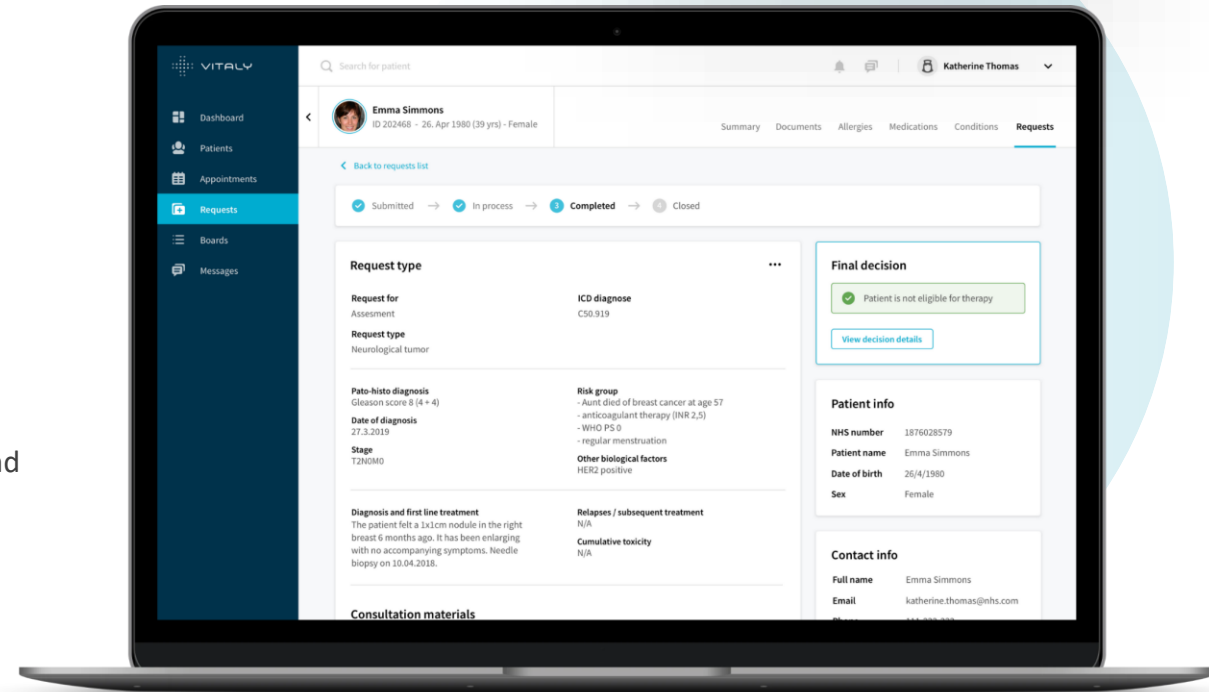
CLIENT

GILBERT BOD, IT MANAGER STRATEGIC ALLIANCES, UMC UTRECHT



SOLUTION

- ✓ **Supporting 6 hospitals** (Diaconesseshuis, UMC Utrecht, St. Antonius, Riverland Tiel, Tergooi, Meander MC)
- ✓ **Supporting 6 Cancer types** / Use-cases: Uro-oncology, Gynecology, UGI and HPB, HIEC/OVIEPC, Uro phase 2, Melanoma, (Lung - roadmap))
- ✓ **12000 patient reviews/year**
- ✓ Multi-disciplinary tumor boards are performed weekly
- ✓ Following regulation and standards, based on IHE XTB-WD profile, integrated to the regional Health Information Exchange (HIE) in order to provide an XDS access and exchange



„Collaboration of medical experts beyond hospital walls for increased efficiency and maximised productivity“

1

DIAGNOSIS

2

TREATMENT
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OUTPATIENT CARE
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4

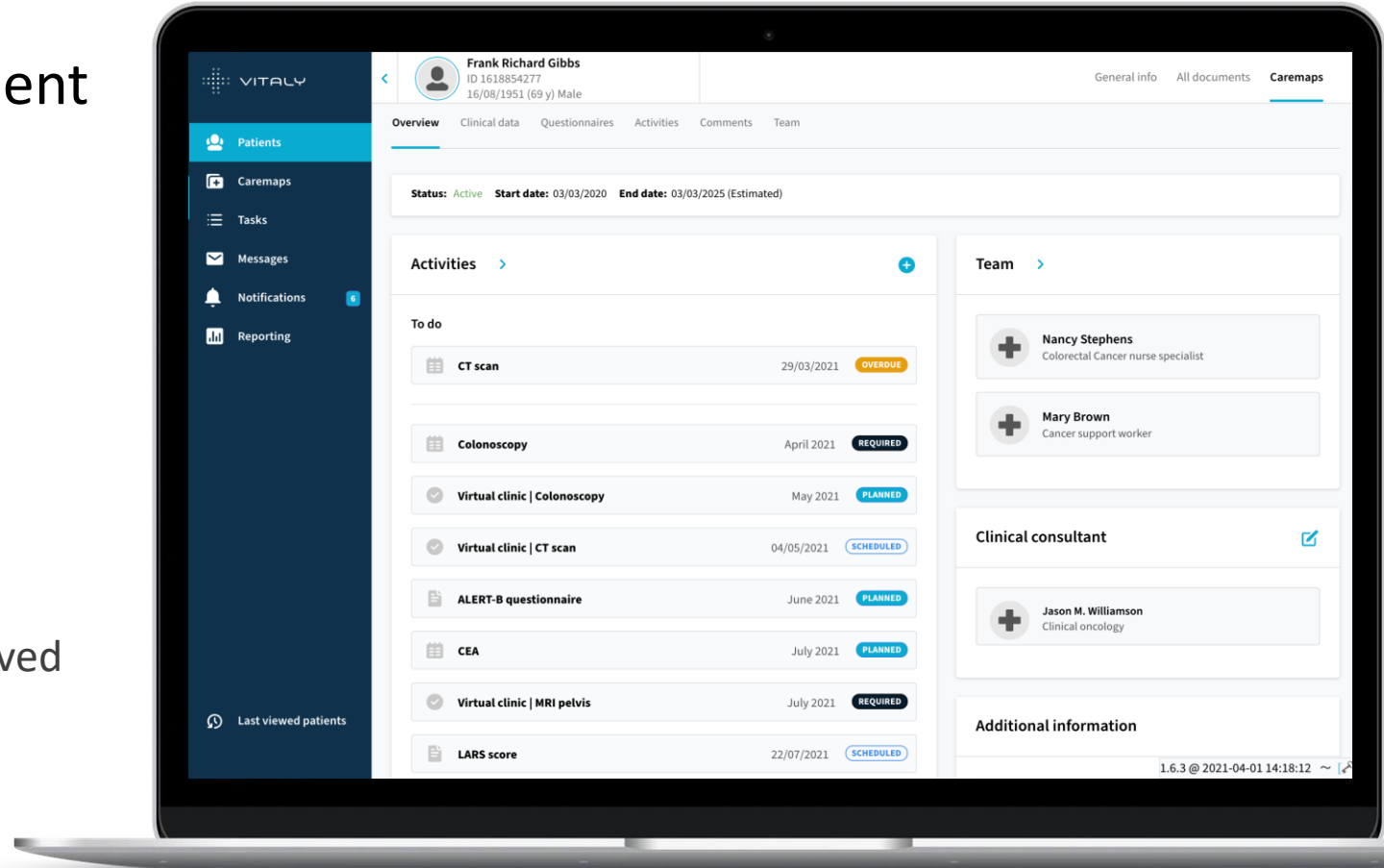
RECOVERY
& WELLNESS

Coordinated care

Evidence-based care management

- **Care process automation** for reducing risks and prompt support
- **Configurable care plans** adjusted to patient needs
- **Remote monitoring options** for improved efficiency and patient outcomes

FOR MULTIDISCIPLINARY TEAMS





Healthcare managers are under huge pressures to balance costs and quality of care.



The needs of ever-growing population.



Outpatient appointments continue to rise at a rate faster than the growth of the EU population.



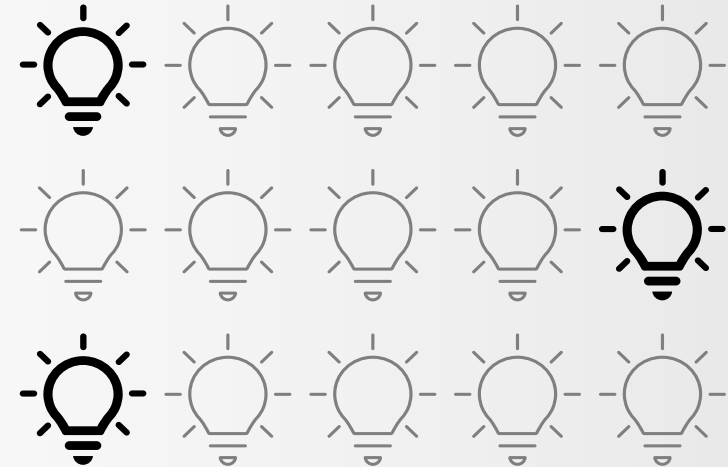
Growing demand for care is outpacing available capacities.



Patients want to be more engaged in managing their own health & wellbeing.



Primary care and specialty clinics showed an average **non-attendance rate of 23%.**



Problem deep dive



	Problem	Consequence	Intervention	Impact
Patient	Long waiting times, numerous telephone P2D communication, poor literacy, forgetfulness.	Dissatisfaction with the service, poorer outcomes, increased use of A&E instead of prevention, frustrating experience.	More flexible, easy-to-use digital services that encourage self-management and improve health literacy.	Higher patient experience, satisfaction and outcome.
Hospital / Trust	Demand for follow-ups exceeds supply, delayed appointments, inefficient booking process, DNAs	Increasing backlog & longer waiting times, staff burnout, inefficient services jeopardizing patient safety	Reduce unnecessary follow-ups that do not add value and release staff's burden	More efficient services reducing waiting times and improved patient care
Regional / national	Lack of successful and integrated implementations, reluctance to adapt new approaches that require process changes.	Health inequalities, increase of workload and the need for more capacities, slow digital adoption of patient facing services.	Introduce integrated services that stimulate greater patient inclusion and needs-based appointments.	Reduced inequalities and cost savings



Vitaly Coordinated care

Designed to address the challenges of outpatient care.

- Supporting mobilisation of PIFU
- Empowering patients to self-manage in PSFU programmes
- Enabling care teams to streamline and personalise outpatient pathways
- Agnostic, applicable in numerous therapeutic areas



How it works



OPTION 1 – PX APP only

1. Activation code is sent to a patient
2. Patient logs in the portal
3. Activates the PIFU programme
4. When needed patient initiates "follow-up flow"
5. A set of questions (Questionnaire) leads the patient through the process
6. Patient submits the requested information
7. Algorithm checks the eligibility for PIFU
8. Patient is either offered an appointment or if it does not fulfil the criteria, the reason why.

1) PX Added to PIFU by Clinician on discharge



2) PIFU pathway activation



3) PX starts the follow-up request – Questionnaire



4) Selects specialty, condition and symptoms



5) Decision created – if patient fulfills or does not fulfill the criteria (appointment is triggered)

OPTION 2 – PX & Professional bundle

Patient is registered into PIFU program

2. Patient logs in the portal using login
3. When needed patient initiates a flow for follow-up appointment or sends a message
5. A set of questions (Questionnaire) leads the patient through the process
6. Patient submits the requested information
7. Algorithm checks the eligibility for PIFU
8. Patient is either offered an appointment or if it does not fulfil the criteria, the reason why.

Professional reads the message and gives response.

Professional can either prolongs, terminates or contact patients.

Benefits for stakeholders



FOR PATIENTS

- **Improved experience**
 - Without moving around from service to service
 - Shorter waiting times
 - Reliable support
- **Empowered patient** – part of the care circle and shared decision
- **Active participation in the treatment**
 - Higher motivation and independence

IMPROVED OUTCOMES



FOR HC PROVIDERS

- **Reduction of OPA waiting list**
- **Better appointment management** for less DNAs and better attendance rates
- **Improved decision support** due to recordable and shared decision making
- **Improved planning options** based on trends and metrics indications

MINIMISED EFFORTS



FOR HC MANAGEMENT

- **Optimisation of clinical time while releasing some of the capacities**
- **Savings** due to better performance and less unnecessary in-person appointments
- **Improved positioning** based on increased mobilisation and patient empowerment.

OPTIMISED COSTS

Why VITALY?

Purpose-built for patients, clinical teams and providers



BUILT TO INTEGRATE

Based on healthcare standards (IHE, HL7) and integrational capabilities within its core to enable the exchange of information with various systems as an interoperable platform.



DESIGNED WITH THE USERS

To ensure our solutions are user-friendly, we have designed them together with our users by having in mind simplification and seamless experience as a foundation in anything we do.



SCALABLE AND FLEXIBLE

Made for scaling and supporting different use cases as part of one platform. Our modular design allows a flexible approach to fit specific needs in different settings.

Why VITALY?

POWERFUL PLATFORM

Purpose-built for future



MAKE YOUR OWN

Because it enables supporting different use cases and therapeutic areas.

Our clients can add, remove or adapt care plans, configure forms and cover new programmes.

- ✓ Form configurator enabling management of the forms and digital questionnaires
- ✓ Management of data points, semantics and content in order to fit the existing ecosystem in most optimal way;
- ✓ Future-proof designed platform for adding novel programmes.



Quickly setupable adaptable
without lengthy project and
development process

Linkedin: Parsek Group
Twitter: parseksolutions
Website:
www.parsek.com

Thank you.