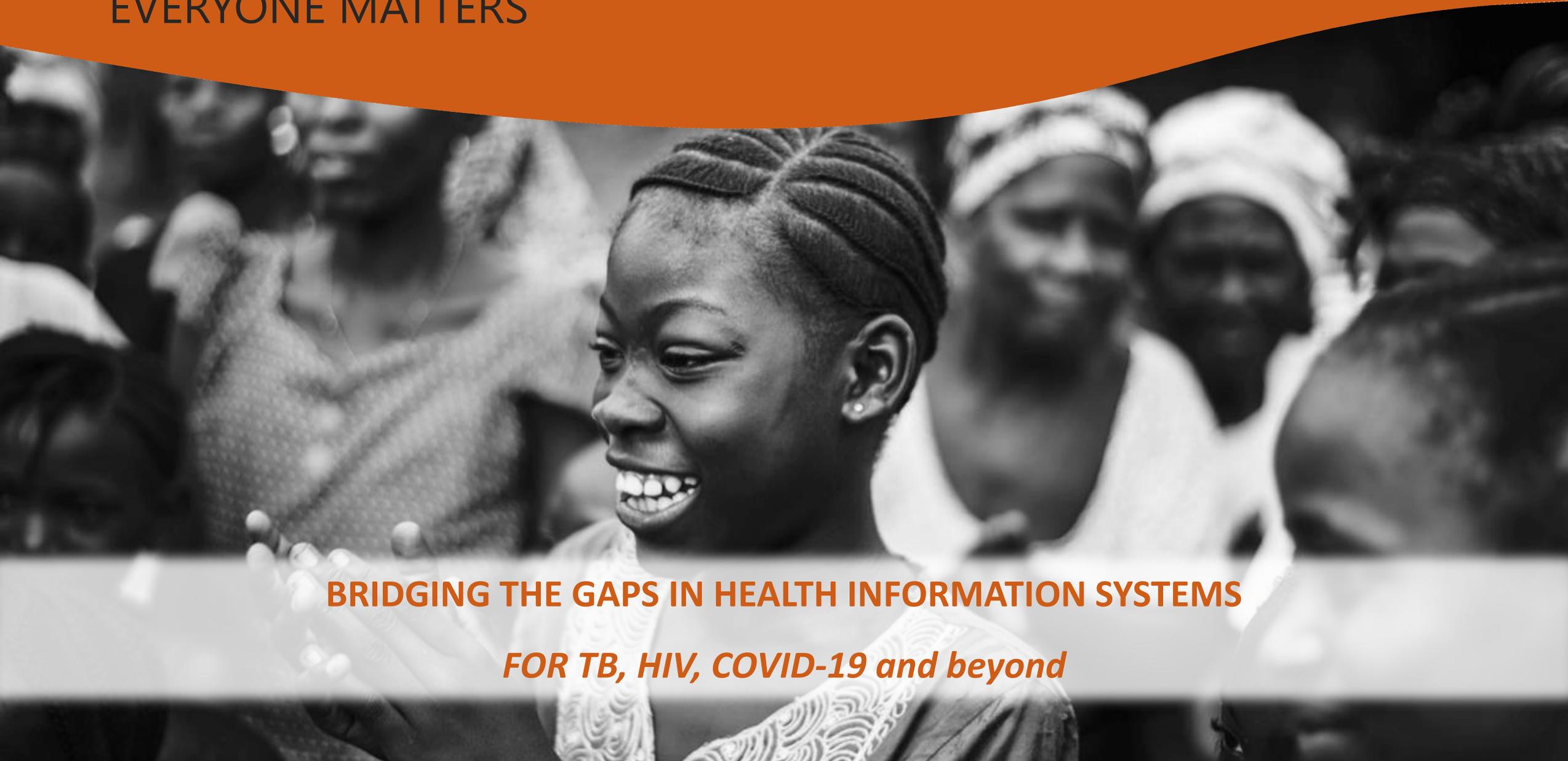


SAVICS

EVERYONE MATTERS



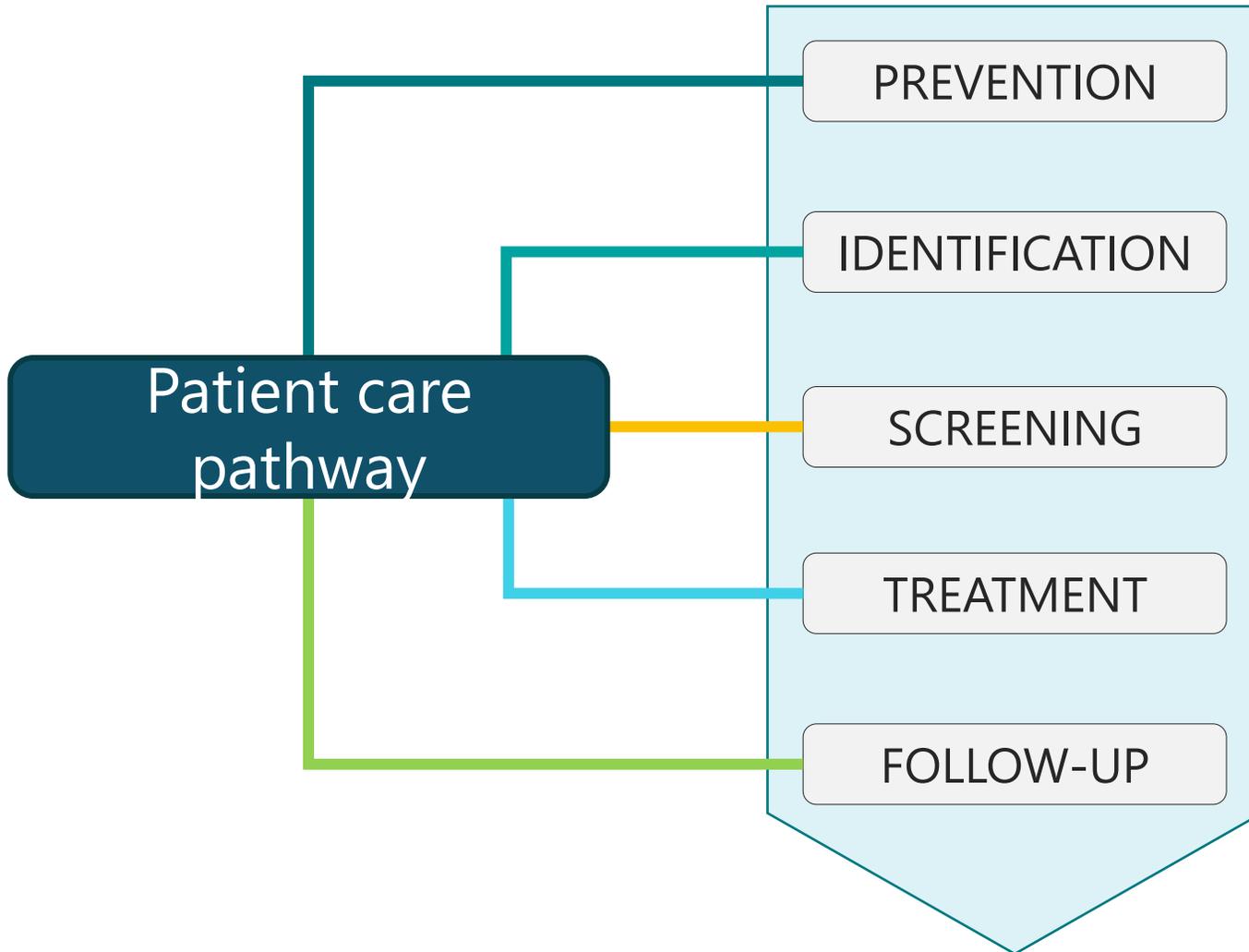
SAVICS



BRIDGING THE GAPS IN HEALTH INFORMATION SYSTEMS

FOR TB, HIV, COVID-19 and beyond

The continuum of care



The advantages

- Ability to track patients towards the continuum => reduced loss of patients
- Flow of data => useful for planning, mitigating issues and allocating resources
- Multi-sickness approach => Collaboration between programs, cost reduction, and better health care
- The ecosystem can be integrated and inclusive

Universal access to augmented health by 2040

We believe that augmented health...

- **Eases the access** to health-related information
- **Improves or upgrades capacity and quality** of services in the patient care pathway
- **Empowers stakeholders** for informed and autonomous decisions

SAVICS VISION

How augmented health will close the gaps?

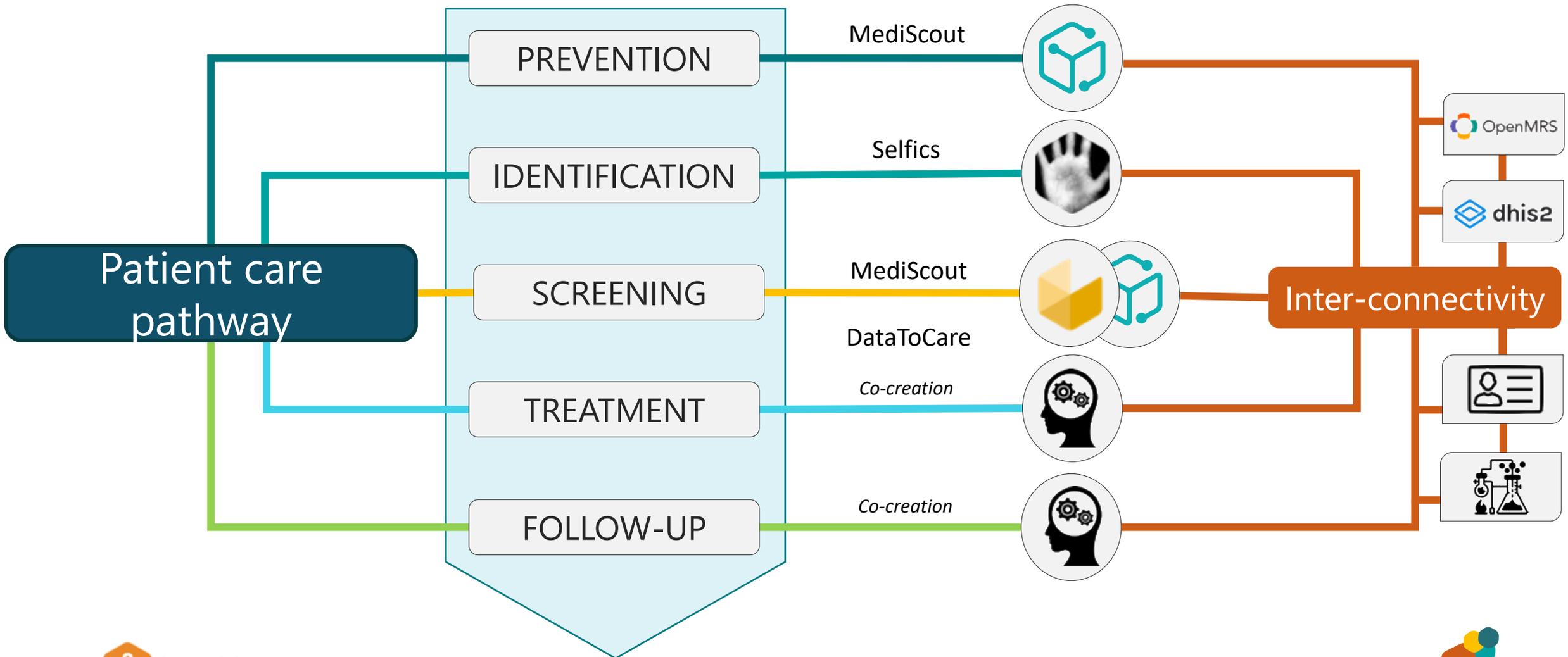
Augmented health involves **continuous monitoring, engagement, and health management**, where rather than treating a patient for a disease, the focus shifts to **involving the patient in preventing disease, predicting possible adverse outcomes.**

Preventing them through **proactive measures** and keeping them healthy and fit with lifestyle changes. Rather than chronic disease management, it takes a holistic approach to improving the overall quality of life.



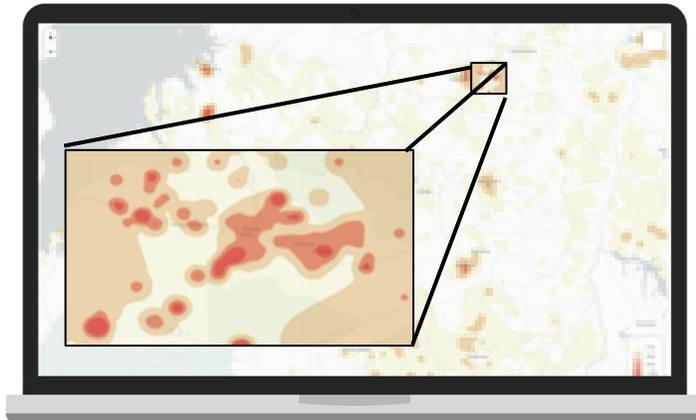
**SAVICS
SOLUTIONS**

Savics solutions – One connected platform



MediScout – Community based surveillance

1



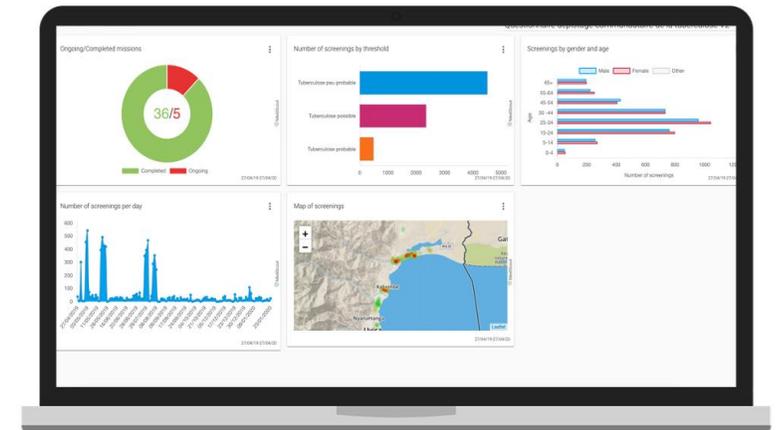
Prediction map - data-driven mapping of high-risk communities to focus surveillance efforts

2



Mobile application - used to customize a screening questionnaire that estimates individual disease risk and refer those at most risk to care.

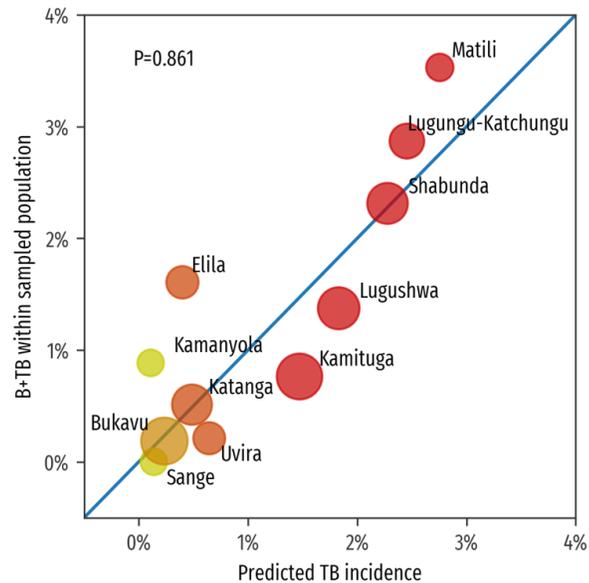
3



Web application - dashboard for planning and remote monitoring of large-scale field screening

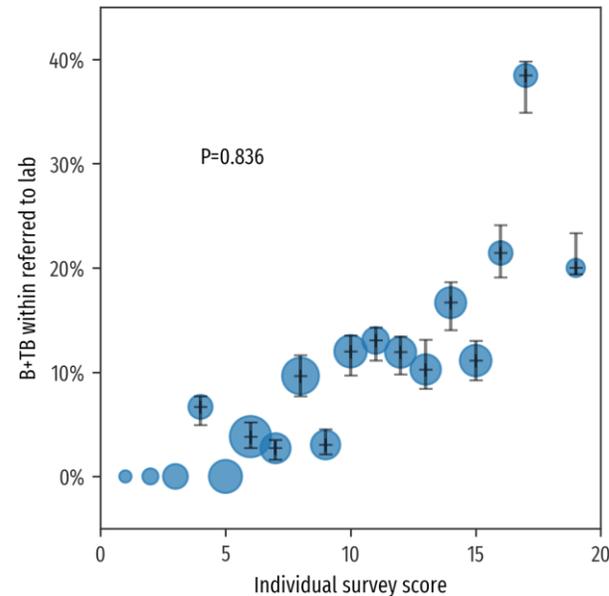
MediScout results – Active case finding – South Kivu (DRC)

1



Prediction map – The confirmed TB patients found in areas predicted as “high-risk” was 3X higher. Can be used to prioritize locations of screening interventions

2



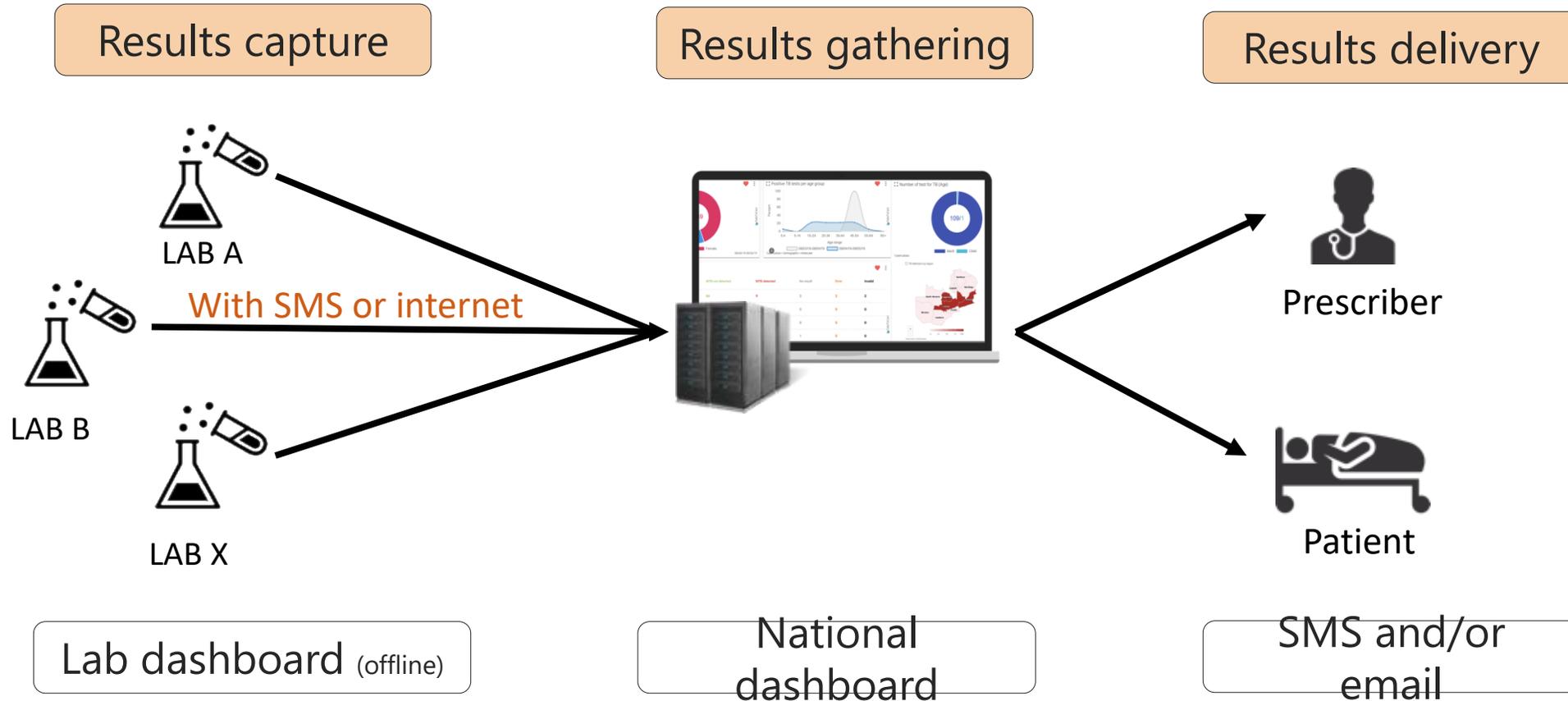
Mobile application – individual TB risk scores computed with the app strongly correlated with lab results- Can be used as a **triage test prior lab confirmation**

3



Web application – **3X more screening** compared to before MediScout© - Increased efficiency of active case finding missions

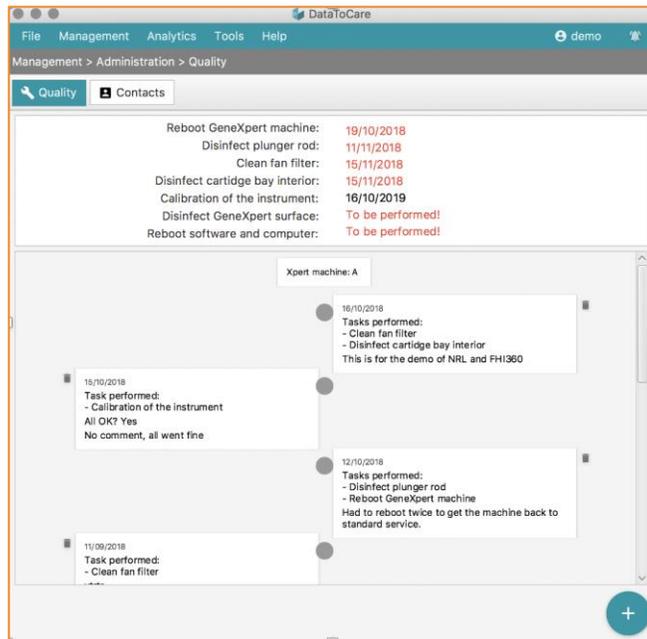
DataToCare – Lab connectivity



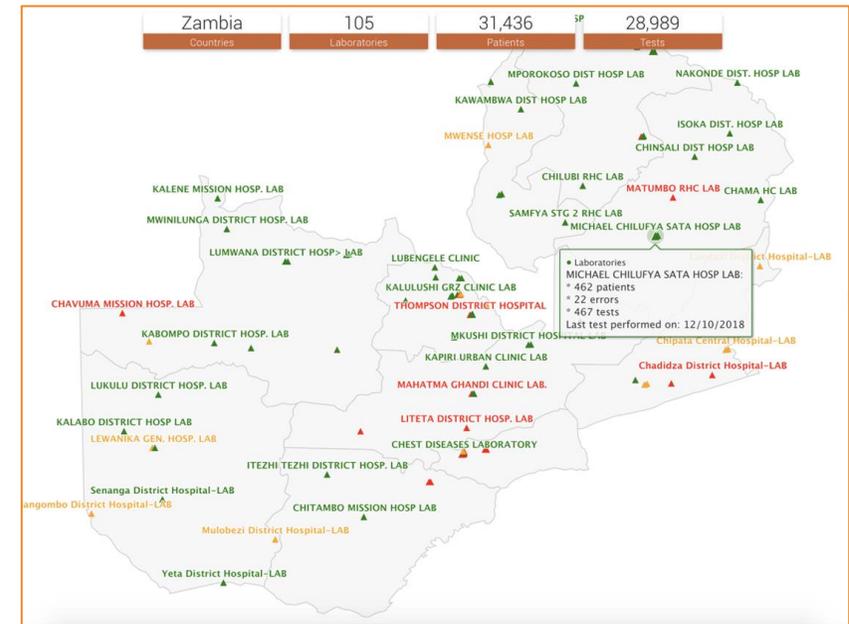
DataToCare – Lab connectivity

– DATA CAPTURE –

- Collects multi-disease data from multi-devices
- Stock management (expiration, consumption)
- Quality management for assay maintenance



– NATIONAL DASHBOARD –



- Case-based data visualization (patient timeline)
- Aggregated data visualization (map, chart, tables)
- Export and import function (excel)

DataToCare - COVID-19 integration

3

countries working with us for their COVID-19 response

3

days to provide you with the new setup

Lab results are automatically captured (GeneXpert and others)

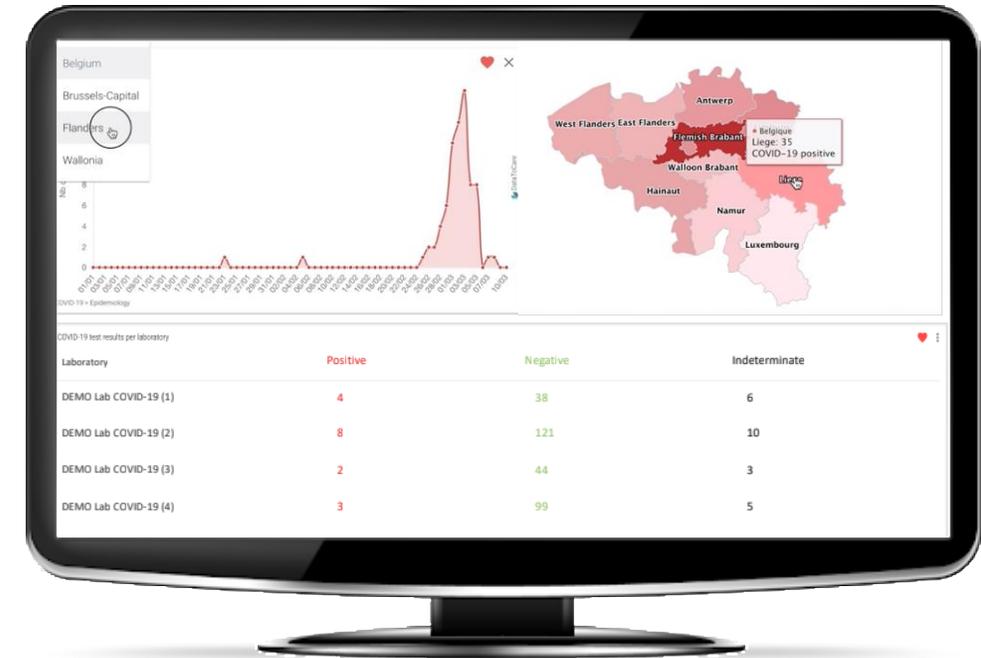
Data capture customized to country-specific needs

Real-time monitoring of positive cases by region

Real-time monitoring of test results by laboratory

Case-based and aggregated data visualization

Can be integrated to MediScout for contact tracing



DataToCare – Lab connectivity – Benefits



Real-time results transfer – Faster access to treatment



Automated and standardized data collection –
Improved quality of data reporting and analysis



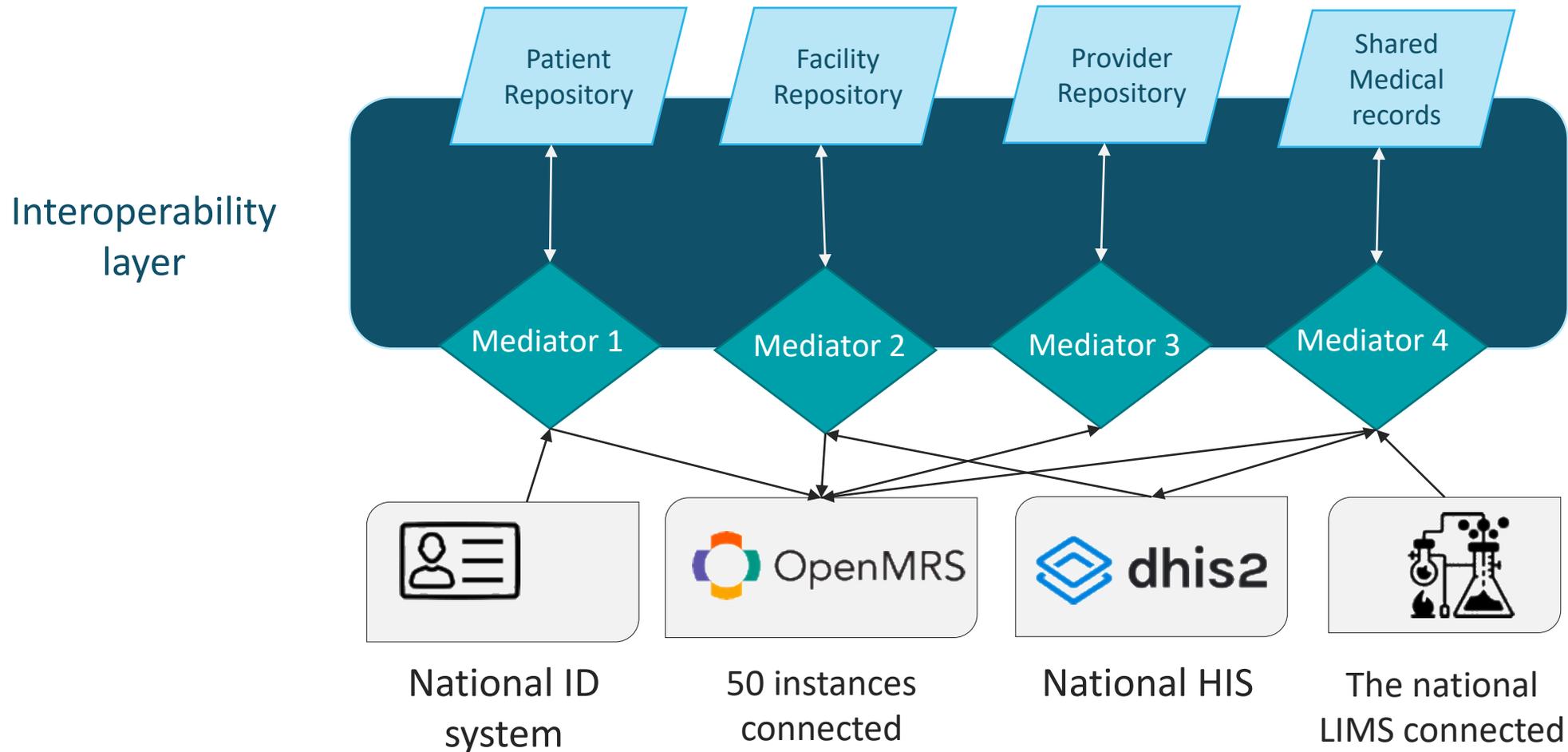
Real-time monitoring at different levels

DataToCare - Connectivity of Laboratory network

DataToCare is installed in **550+** laboratories across **13** countries in Africa & Asia.



Interconnectivity – Rwanda health info exchange



How do we work?



Agile – Modularity – Continuous integration of field feedback – Fast integration of new diseases, multi-tests



Interconnectivity – To existing databases – API available to connect our solutions to existing databases, diagnostic devices



Sustainability – We collaborate with MoHs & other local partners to deliver on their needs and ensure technology transfer – Data hosted in-country or in the cloud



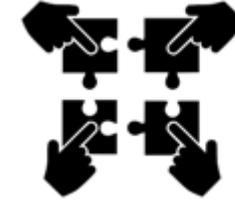
Adaptability – Simplicity due to field conditions – Offline mode, SMS, many languages

SAVICS WAY



SAVICS TEAM

Diversity



Co-developed solutions -
We hire people
where we work



Diversity - 20 nationalities (75% in LMICs) - Better understanding of needs and direct on field support – Culture adaptability

SAVICS TEAM



Lessons learned

What makes a digital project successful?

- Digitalization is **not magic** – it needs people to work
- Prepare your team for **behavioural change**
- **Proactive communication** and feedback reporting with stakeholders is key
- Find the **good balance between end-user** (data capture) and **reporting** - important to not overload the end-user
- **Start simple** and small, then leverage
- Do not underestimate the **training time**

Savics is ready to co-create with you

What are your current roadblocks?



www.savics.org

Thank you for your attention

Virtual Innovation spotlight - StopTBPartnership - 2020 / 05 / 20

Olajumoke Arinola
Project manager
olajumoke@savics.org

Dr. Xavier Morelle
Chief Executive Officer
xavier@savics.org



www.savics.org

Implementation process

