



Health Village Webinar February 26, 2020

# DATA-DRIVEN SERVICES

# WEBINAR PRACTICALITIES

Speakers:

**Minna Eloranta**

Project Manager, HUS IT Management, Helsinki University Hospital,

**Pekka Kahri**

Technology Officer, HUS Administration, Helsinki University Hospital

**Questions:**

Please leave your questions and comments by using the Question panel during the webinar. Questions will be answered after Pekka's presentation.

# INTRODUCTION TO HEALTH VILLAGE

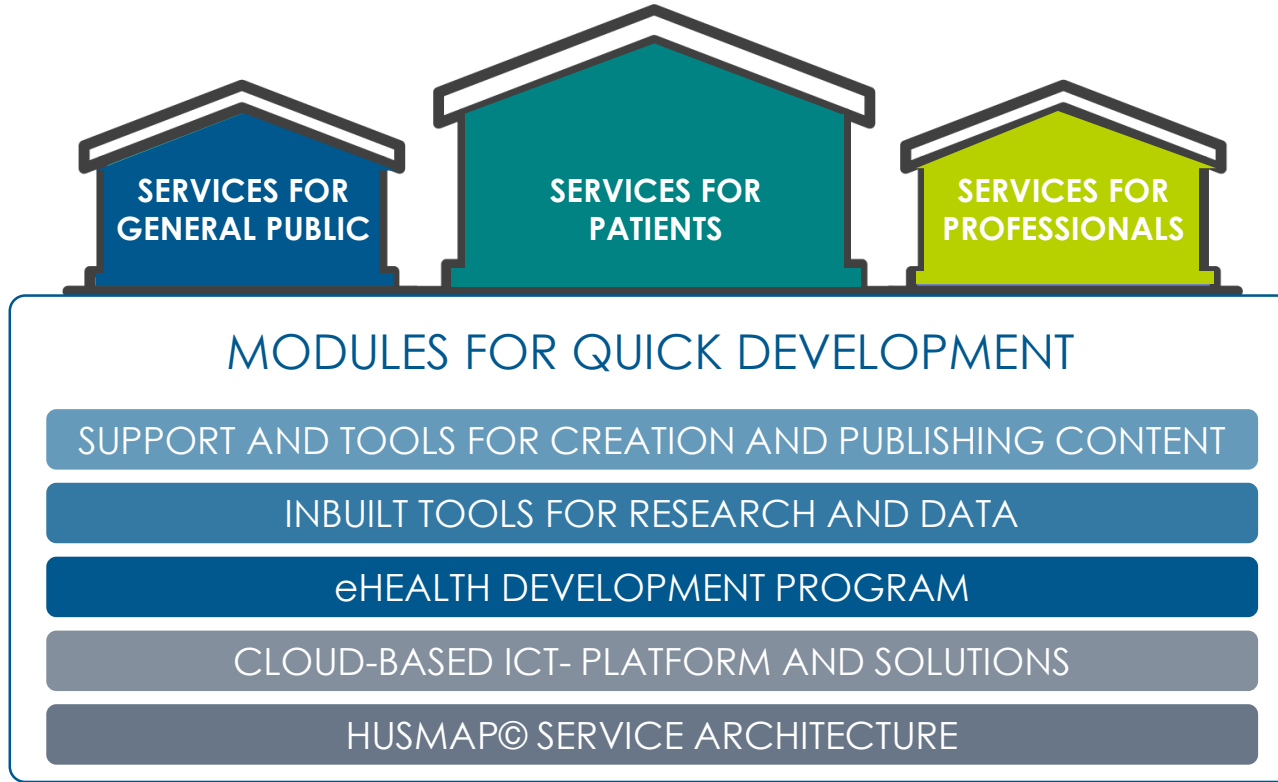
Minna Eloranta

Health Village is a **digital service platform** for health care developed together with patients, healthcare professionals, IT- specialist and patient organizations.

It supports an operational change in the health sector instead of just digitalizing old services or providing new services within the old service framework.



# HEALTH VILLAGE CONCEPT

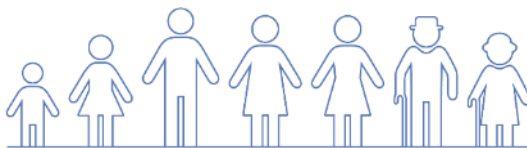


# THE KEY VALUE DRIVERS OF HEALTH VILLAGE



## Engagement

Services built by clinicians  
Patient participate in development



## Value-based

Patients at the center of care  
Care is based on data, not time, place, situation or individual health care professionals



## Scalability

eHealth services for any patient group, in any organization



## Quality & Safety

ISO 13485 quality certificate in product development  
Evidence-based care



## Efficiency

Health Village platform and solutions  
Standardized processes in planning and implementation

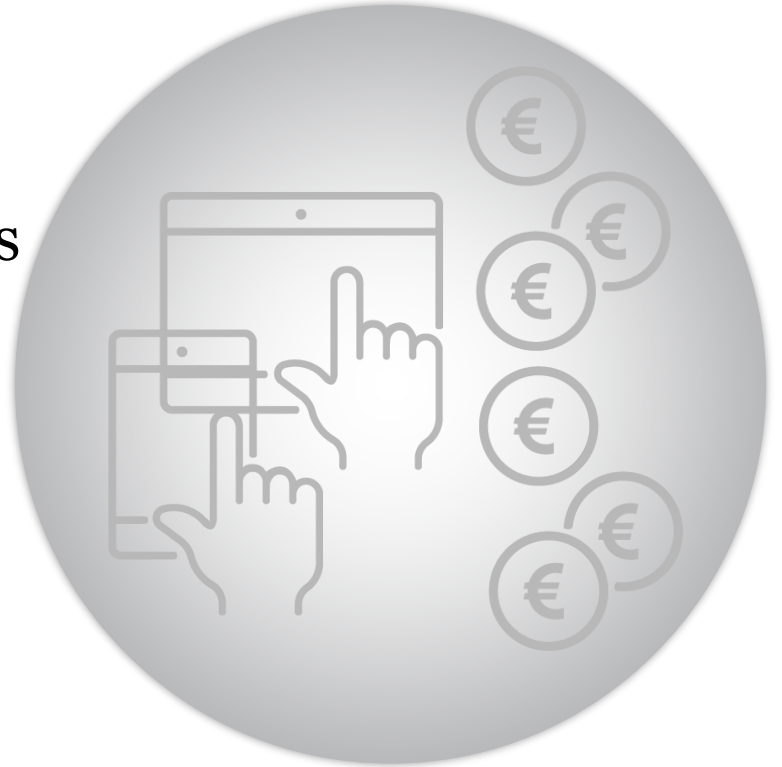
# DATA-DRIVEN SERVICES

## ENABLING CONTINUOUS DIGITAL SERVICES DEVELOPMENT

Pekka Kahri

Typical challenges related to digitalization of healthcare services are

**increasing costs**  
**moving beyond pilots**  
**scaling across disciplines**





# BUILDING BLOCKS FOR MY PATH AND DIGITAL CARE PATHWAY

**View for patient**



**View for professional**



**View for researcher**



**View for knowledge-based management**



Models for service design

Models for content production

Tools for content adding

Tools for research

Models for testing and piloting

Implementation

Coaching & guides

Modular components

My Path application

# DATA-DRIVEN SERVICE DEVELOPMENT

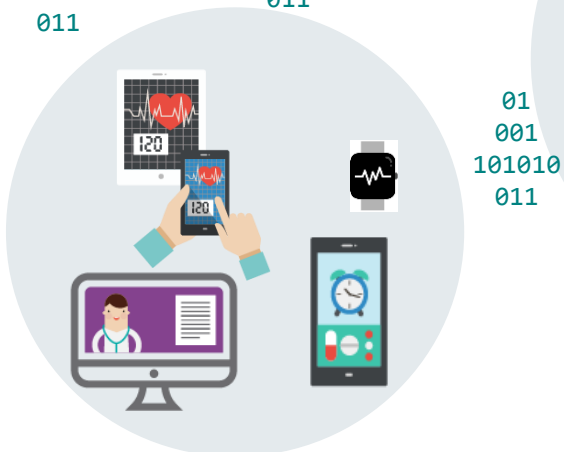
Patients



Professionals



Developers

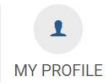


# DIGITAL CARE PATHWAYS

DIGITAL CARE PATHWAYS		
Support and coaching	Communication	Self-care/ self-monitoring
Personal care plan	Remote appointment	Applications and devices
My Path –customer account		
Consent for research		
Identification		

**115\***  
digital care  
pathways/  
self-care  
programs

\*in different phases of development



## My Path



HOME



MESSAGES



CALENDAR



DIARY

CONSENT  
REQUESTS

## Welcome to My Path

My path is a healthcare digital service channel. Your personal information is verified via the Population Register. You can connect to your healthcare provider via e-mail and/or text messaging.

My path is currently in piloting mode, we are happy to receive feedback and development suggestions [here](#).



NEW CALENDAR ENTRY

Added 07.06.2019 16:47



NEW MESSAGE

Diabetes path

## My treatment paths

PATIENT – WELCOME



exemplary UI



HOME



CARE PATH



MESSAGES



CALENDAR



SYMPTOMDIARY

1

1

## Care path

Welcome to the Diabetes Path



Starting the care path



✓ Flexible habits and goal setting

Last completed 07.06.2019



✓ Eating habits survey

Last completed 07.06.2019



✓ Nutrition survey

Last completed 07.06.2019



Risks of using alcohol

## Risks of using alcohol

Are you using alcohol moderately or maybe too much? Answering the AUDIT test questions gives you a comprehensive picture of the potential risks and drawbacks associated with drinking. Choose the option that best matches your situation. The test questions relate to the last year period.

AUDIT is a ten-question test developed by WHO to determine whether a person's use of alcohol is harmful. The test was designed for international use and was validated by a study using patients from six different countries.

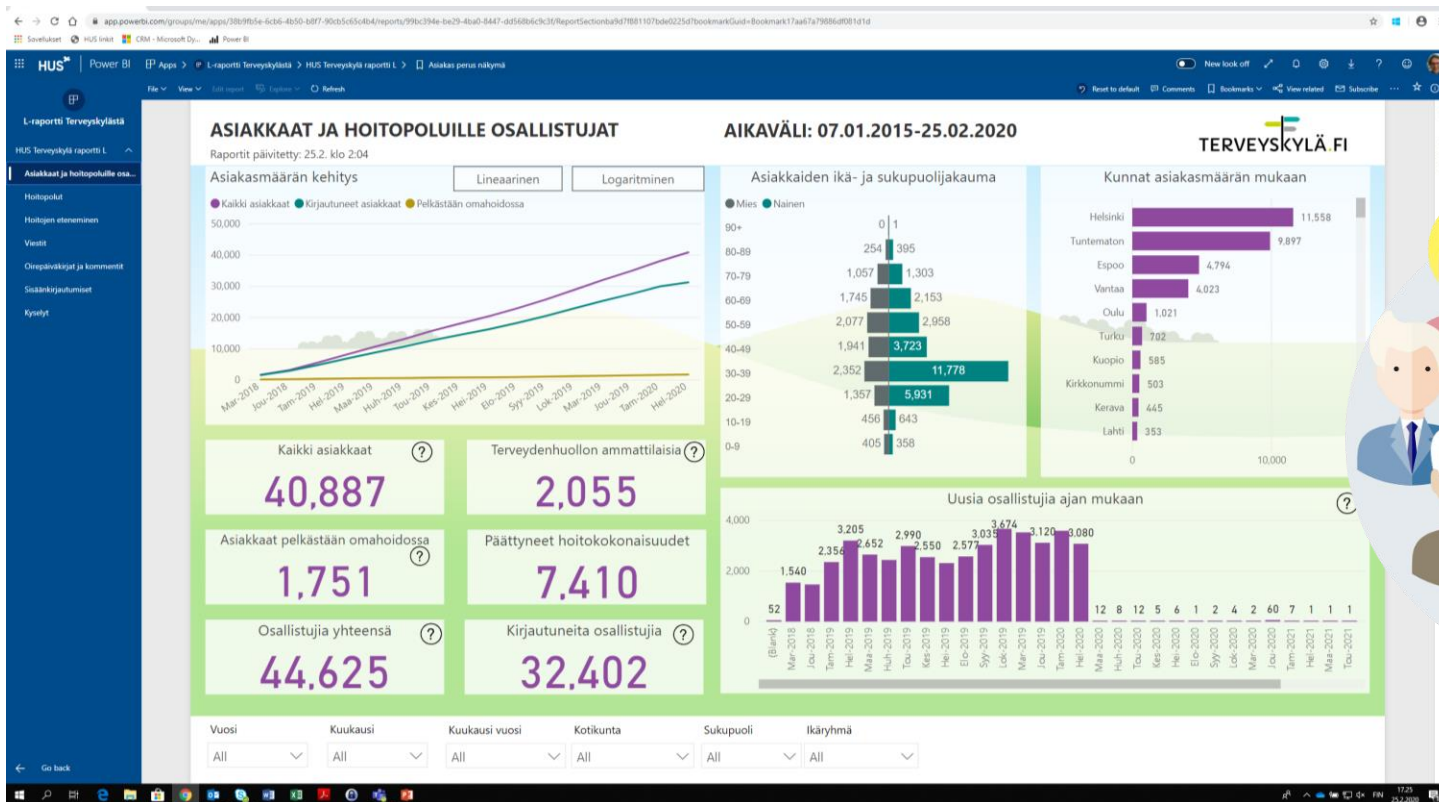
1/1

HOW OFTEN DO YOU DRINK BEER, WINE OR OTHER ALCOHOLIC BEVERAGES? ALSO TAKE THE TIMES YOU ENJOY SMALL AMOUNTS, SUCH AS A BOTTLE OF MEDIUM BEER OR A DROP OF WINE?\*

- Never
- About once a month or less
- 2-4 times a month
- 2-3 times a week
- 4 times a week or more

exemplary UI

# PATIENTS ON DIGITAL CARE PATHWAYS



# HEALTHVILLAGEPRO

## DIGITAL SERVICES FOR PROFESSIONALS

eKnowledge

Events and trainings

Treatment instructions in digital format

Information about applications

Tools for researchers

Diagnosis tools

**30,000**  
professionals  
visits the  
PRO service  
monthly



## My Path

DIABETES PATH



HOME



CARE PATH



MESSAGES



CALENDAR

## Patient list

Create for selected (0 ▾)

CREATE

<input type="checkbox"/>	NAME	START DATE	STATUS ▾	PHASE	NOTES ▾	
<input type="checkbox"/>	> <b>Johnny Anderson</b> 120361-683X	11.05.2019	Valid	2.1	<b>DOCTOR</b>	
<input type="checkbox"/>	> <b>Johanna Andersson</b> 040883-716J	31.05.2019	Valid			
<input type="checkbox"/>	> <b>Lina Carlson</b> 050696-872Y	30.05.2019	Valid	0.0		
<input type="checkbox"/>	> <b>Fredrik Schiller</b> 260691-728K	05.02.2019	Valid	1.1	<b>TRACKING</b>	



Try well-being steps



Thank you for your trip to the heart of self-care



Flexible habits

4.1



Finally

4.2

exemplary UI

PROFESSIONAL – PATIENT CARD

### MEAL DIARY



LAST ENTRY: BREAKFAST

Lina Carlson 30.05.2019



8 people likes this, 5 comments.

### ACTIVITY



7 h 6 min



4000



2 h 12 min

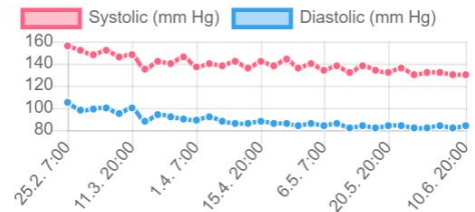


300

### SMART



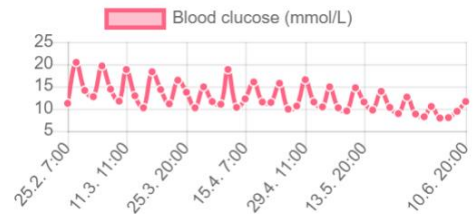
### BLOOD PRESSURE



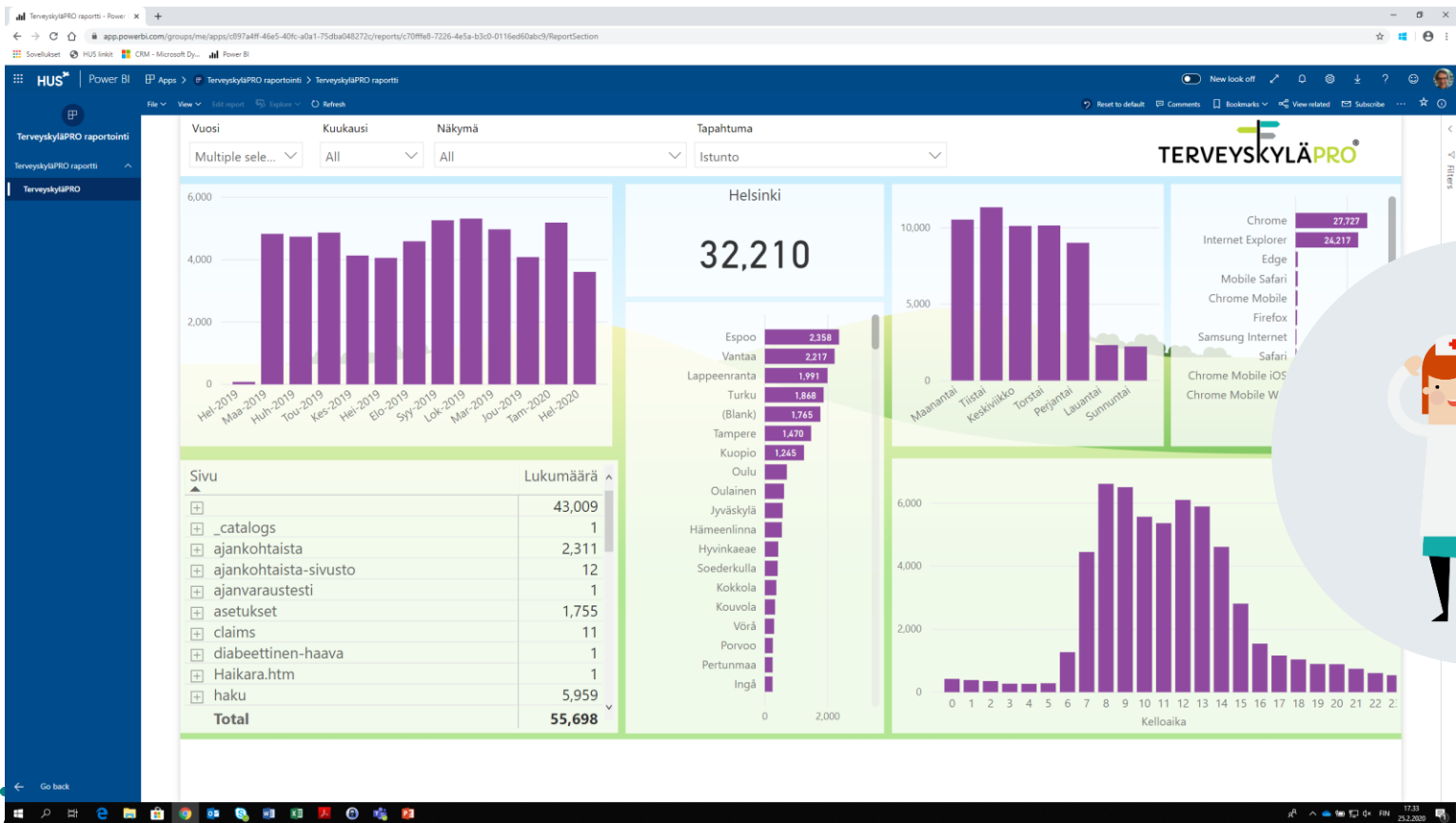
### WEIGHT (KG)



### BLOOD GLUCOSE (MMOL/L)



# PROFESSIONALS ON HEALTH VILLAGE PRO



# THE KEY VALUE DRIVERS OF HEALTH VILLAGE



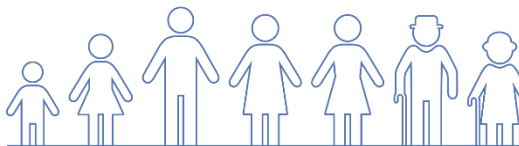
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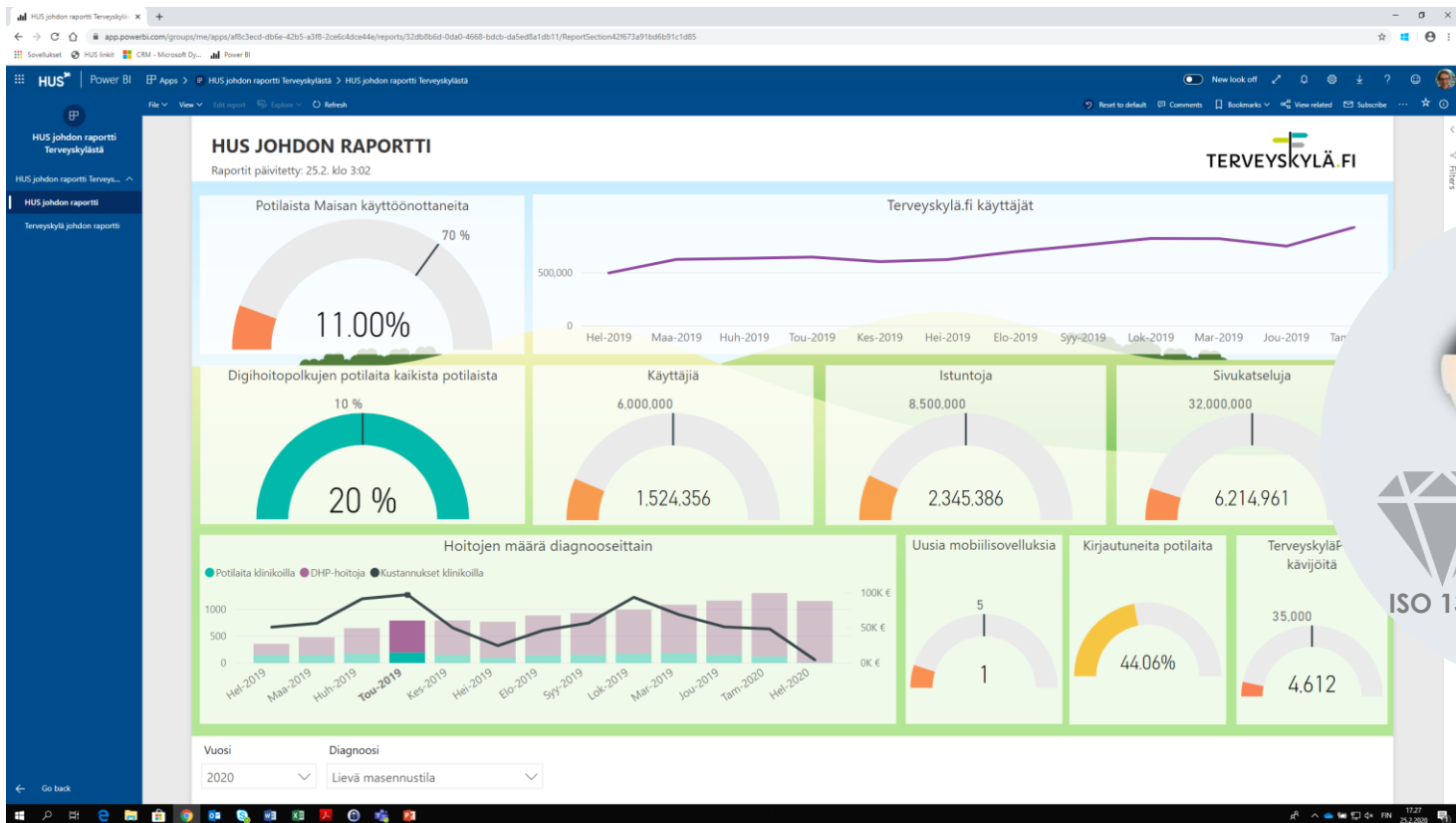
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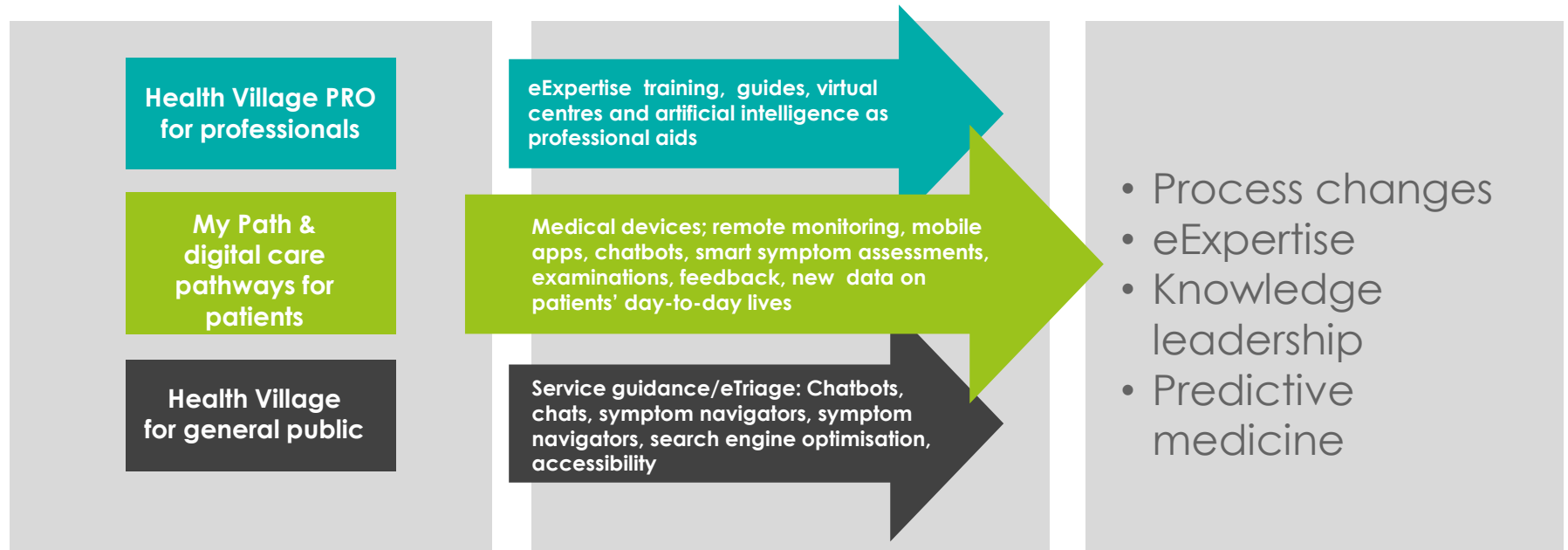
## Efficiency

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Standardized processes in planning and implementation

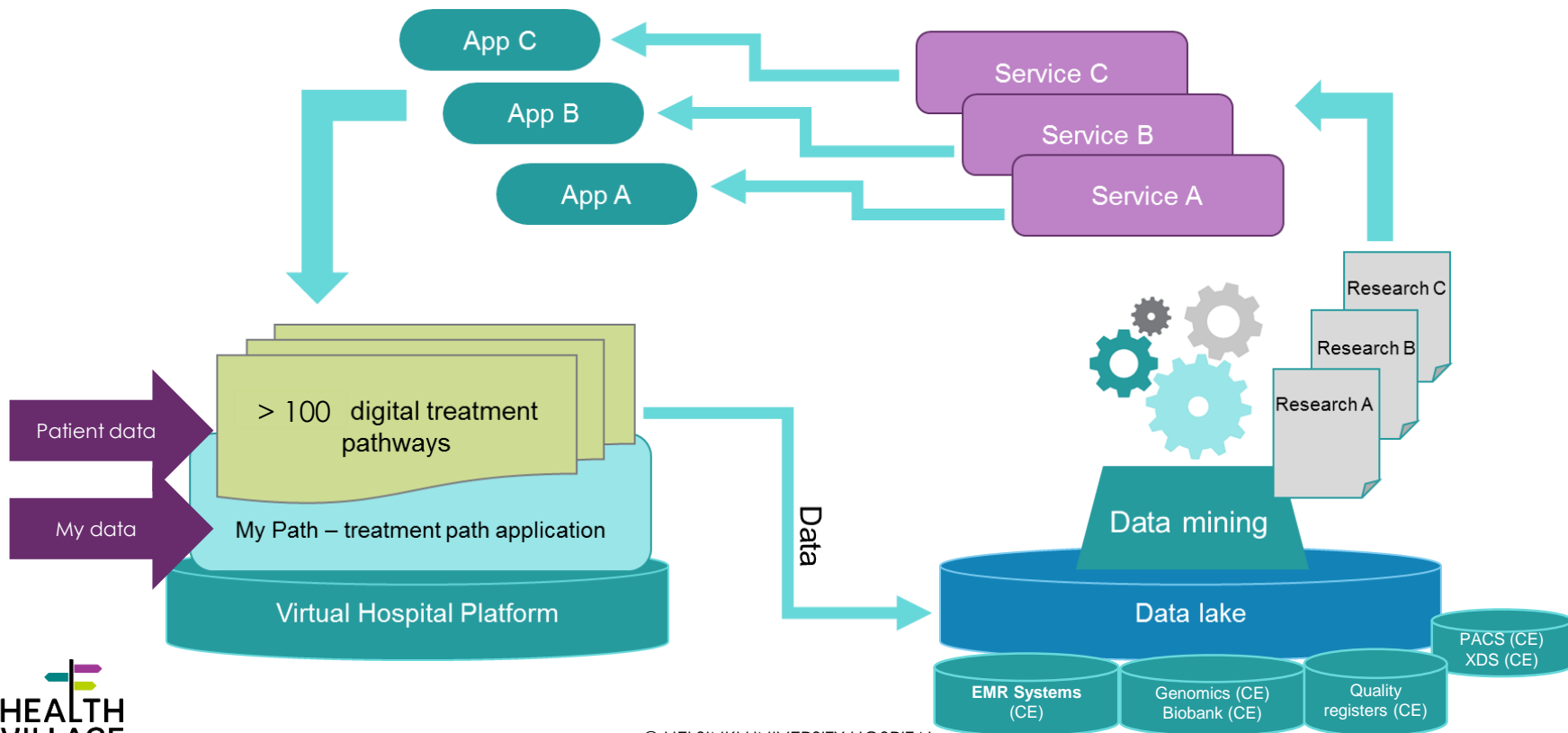
# PERFORMANCE REPORTING



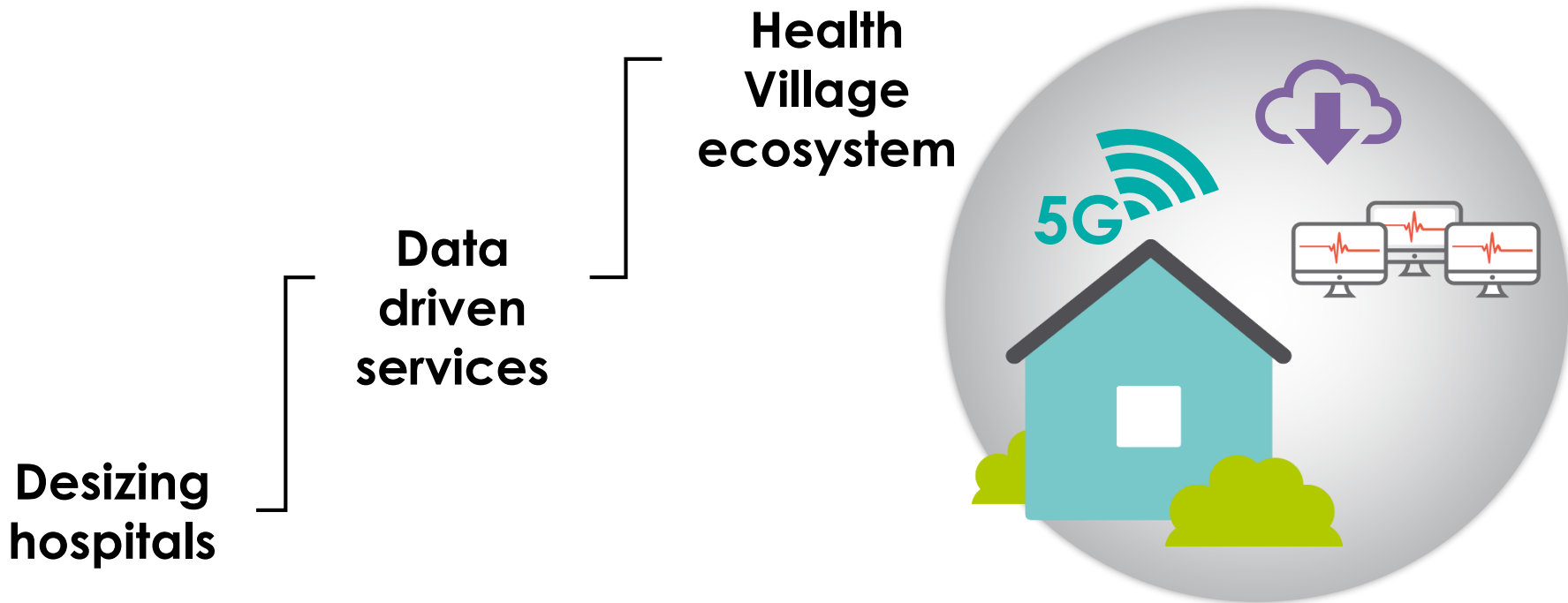
# THE DEVELOPMENT AND DEPLOYMENT OF DIGITAL SERVICES



# "HEALTH VILLAGE CARE PATH FACTORY"



# EVOLUTION OF HEALTH VILLAGE CONCEPT



# THANK YOU!

Interested in hearing more?

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