THE MINISTRY OF
HEALTHCARE OF THE
REPUBLIC OF KAZAKHSTAN

ERICSSON

NATIONAL E-HEALTH SYSTEM (AND HOW THE MOBILE APPLICATIONS FIT)

CHALLENGES AND RECOMMENDATIONS

Darko Gvozdanović M.Sc.E.E.
Head of eHealth
Ericsson Nikola Tesla d.d.

PERSON CENTERED CARE

EFFICIENT ADMINISTRATIVE / MEDICAL PROCESSES

HIGH QUALITY CARE PROVISIONING

„SECONDARY" USE OF DATA

KAZAKHSTAN E-HEALTH PLATFORM 2017?

8 New fundamental registers (patients, healthcare professionals, healthcare organizations, medications…)

01 NATIONAL ELECTRONIC HEALTHCARE RECORD

2 NEW PORTALS

PATIENTS 18 MIL.

DOCTORS & other HC professionals

1 National integration platform

1 Terminology services system

01 BI & analytics system

PROJECT: DELIVERY OF HEALTH INFORMATION SYSTEMS INFORMATIZATION AND INTER-OPERABILITY PLATFORM

CHALLENGES

- Can not cut off many existing systems immediately
- Need for duplication for some activities
- Current legislation supports existing processes
- Inadequate level of education/training
- Current level of care must not be compromised
- Current reporting and statistics can not be abruptly abandoned

HOW TO START WITH SO MANY CHALLANGES?

- Can not cut off many existing systems immediately
- Need for duplication for some activities
- Current legislation supports existing processes
- Inadequate level of education/training
- Current level of care must not be compromised
- Current reporting and statistics can not be abruptly abandoned

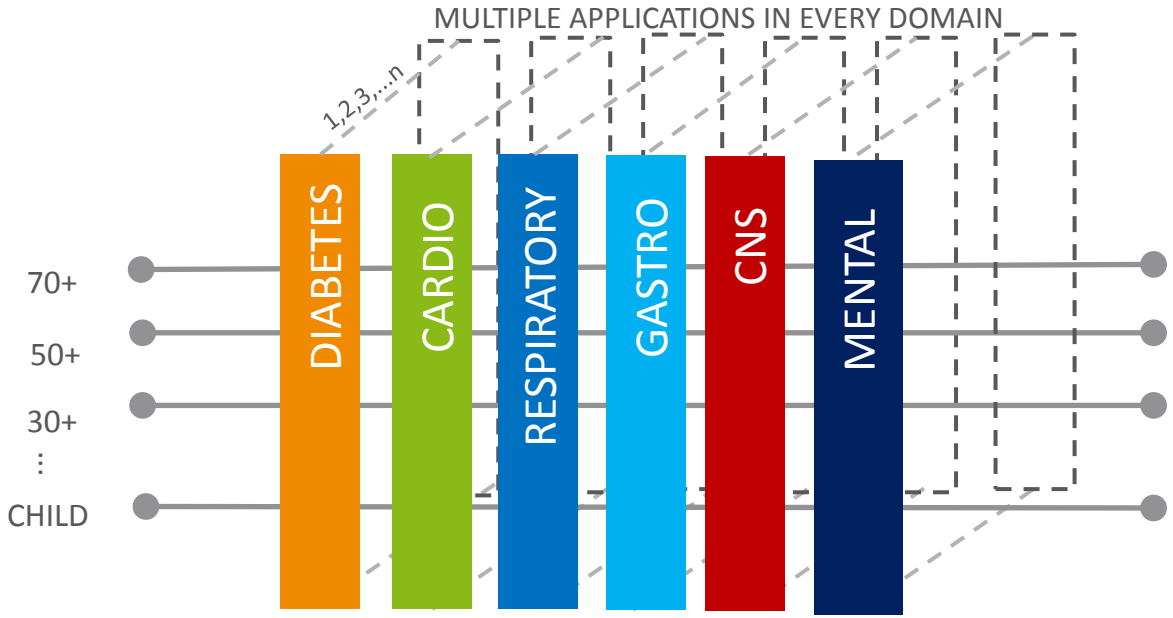
RECOMMENDATIONS

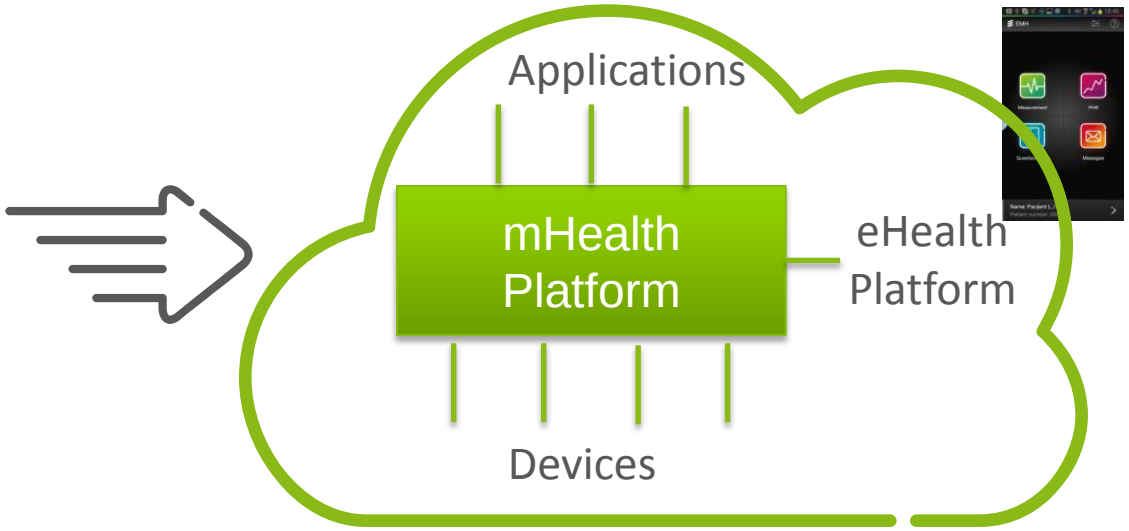
Prepare well each step but do not overthink and make things unnecessarily complex!

Easier administration, avoid unnecessary contact with HC system, access to medical documentation… Handle fear from EHR!

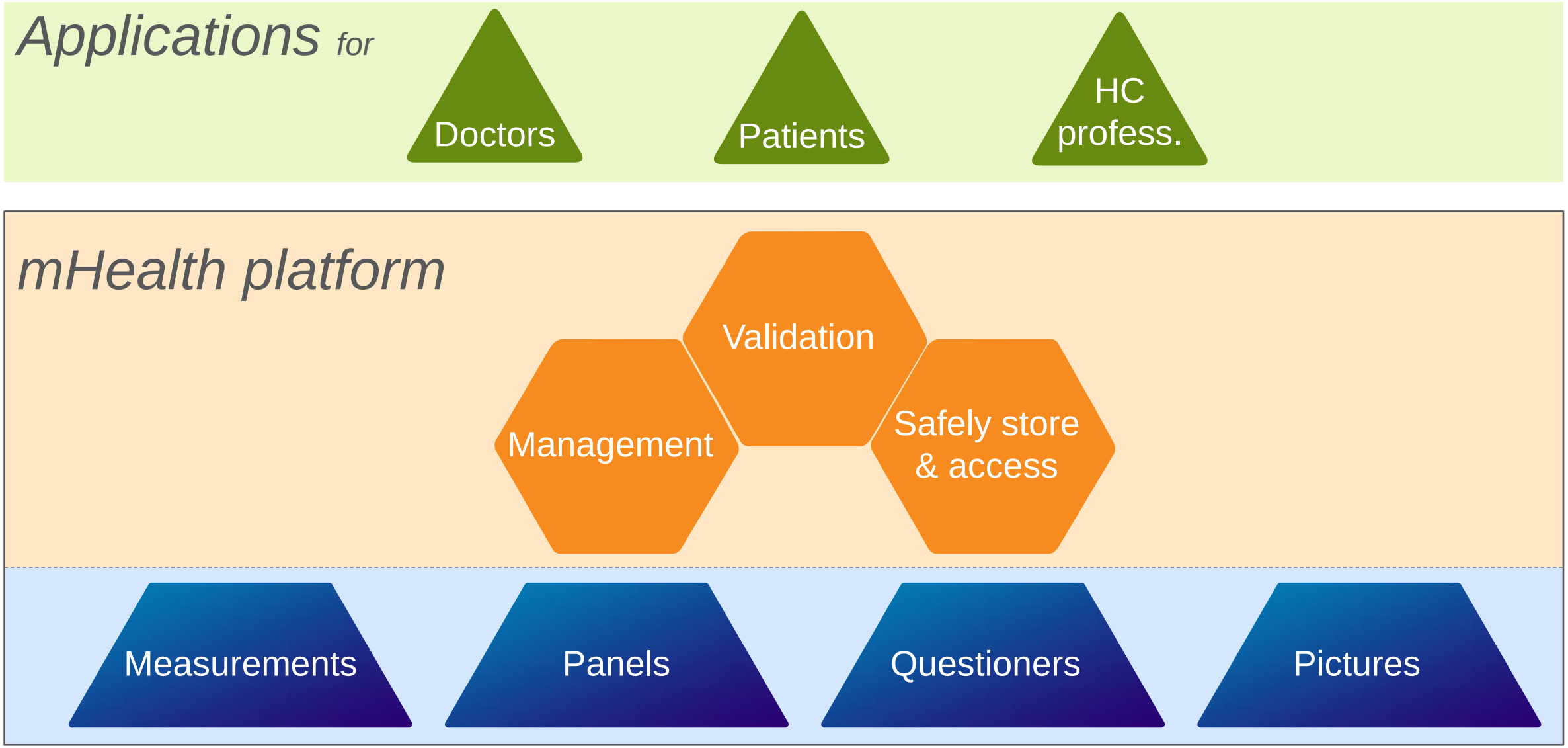
Figure 6: Organizations and entities consumers are willing to share wearables data with

Source: Ericsson ConsumerLab, Wearable Technology and the Internet of Things, 2016
Base: Existing wearables owners across Brazil, China, South Korea, UK and the US





Applications – standard set of tools in providing care? Are medically relevant data available to the doctor? Not through dozen of different apps? Can they be „prescribed”?


Applications for
Doctors
Patients
HC profess.
mHealth platform
Validation
Management
Safely store & access
Measurements
Panels
Questioners
Pictures

RECOMMENDATIONS

- Prepare well each step but do not overthink and make things unnecessarily complex!
- Easier administration, avoid unnecessary contact with HC system, access to medical documentation… Handle fear from EHR!
- Start with entry / access to medical information of vital importance (not available now)
- Duplication of work / activities must pay off
- Select and implement one process with greatest impact on healthcare system (e.g. e-prescribing)
- Extract from EHR, information for optimization of healthcare system managing and financing and improving public health

BRING AT LEAST SMALL

BENEFIT

FOR EACH
STAKEHOLDER
IMMEDIATELLY

- Prepare well each step but do not overthink and make things unnecessarily complex!
- Easier administration, avoid unnecessary contact with HC system, access to medical documentation… Handle fear from EHR!
- Start with entry / access to medical information of vital importance (not available now)
- Duplication of work / activities must pay off
- Select and implement one process with greatest impact on healthcare system (e.g. e-prescribing)
- Extract from EHR, information for optimization of healthcare system managing and financing and improving public health