Remote Patient Monitoring

18.10.2022

Tellu in a nutshell

Location:

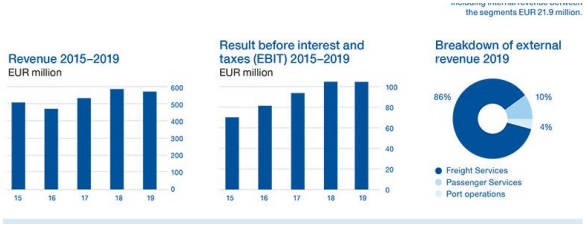
- Lysaker, Oslo Area, Norway.

What we are:

- Telecare, TeleHealth
- SaaS and PaaS
- Vision: Sustainable Health.

Who we are:

highly skilled persons within eHealth products, technical development, Operation, service delivery, Support



Rapid growth Key Figures

- 5-50 employees since 2017
- 0.7 - 10 M€ annual revenue since 2017
- 130 Norwegian municipalities, Market lead in Norway
- Present in Sweden and the Netherlands

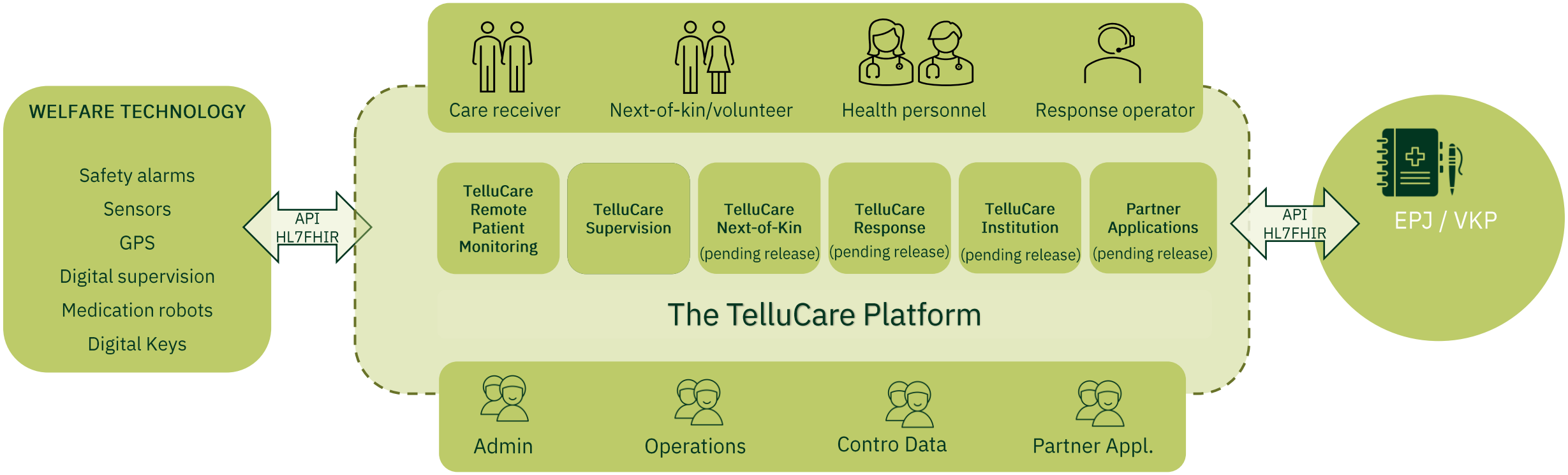
More than 100 Partners

Growing internationally with key partners

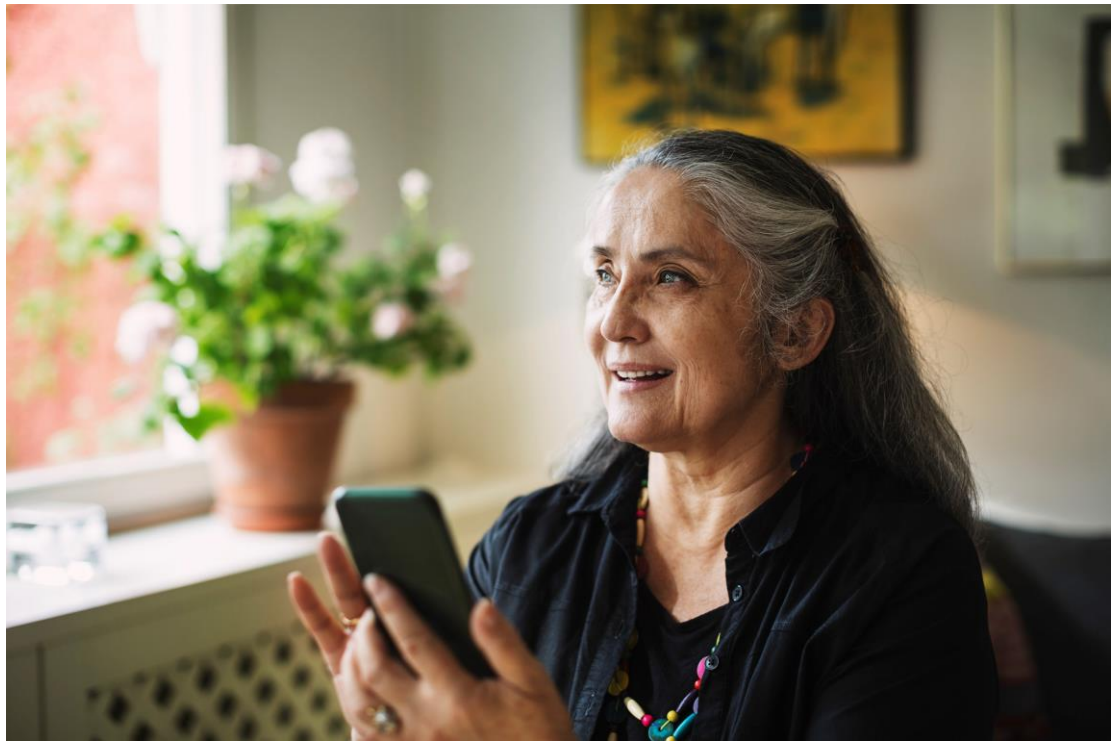
Who owns us:

Telenor, SINTEF, Investinor and employees

TelluCare Platform - The Ecosystem Approach



Health services delivered by distance with the use of technology



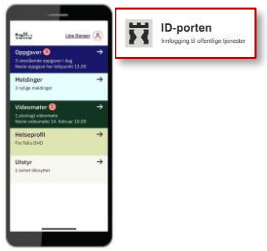
Health services delivered by distance with the use of technology

Patient

Monitoring, questionnaire, dialogue (chat, video)

Evaluate data / measurements, follow-up, prevention, dialogue (chat, video)

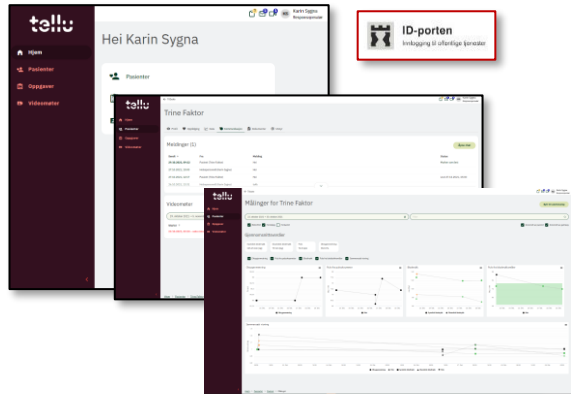
Healthcare worker



PatientApp - DIALOGG

TelluCare Platform

HL7® FHIR®



Healthcare personnel

Medical sensors

Gateway

TelluCare Product Familly and platform

EPJ Integrations (VKP, Tieto Gerica, Visma,…)

Response centre integrations (UMO…)

More 3rd party Integrations (Tieto eSense, Stanley MAS PhoniroCare …)

API

Remote Supervision

Remote Patient Monitoring

Response & Alarm handling

TC Sandbox

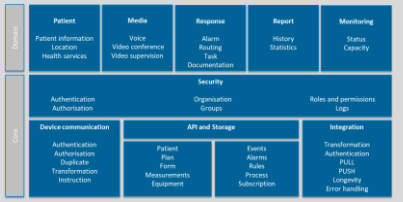
TelluCare Platform

TC Gateway

TC Identity

HL7 FHIR

TC eHelse Platform



Certified Standardised

Large Device Library

Cameras

Tablets/phones

Sensors

Medical Devices

kubernetes

amazon web services

Microsoft Azure

VKP

OpenID Connect HEART

ID porten

GDPR

ISO 27001

HL7 FHIR

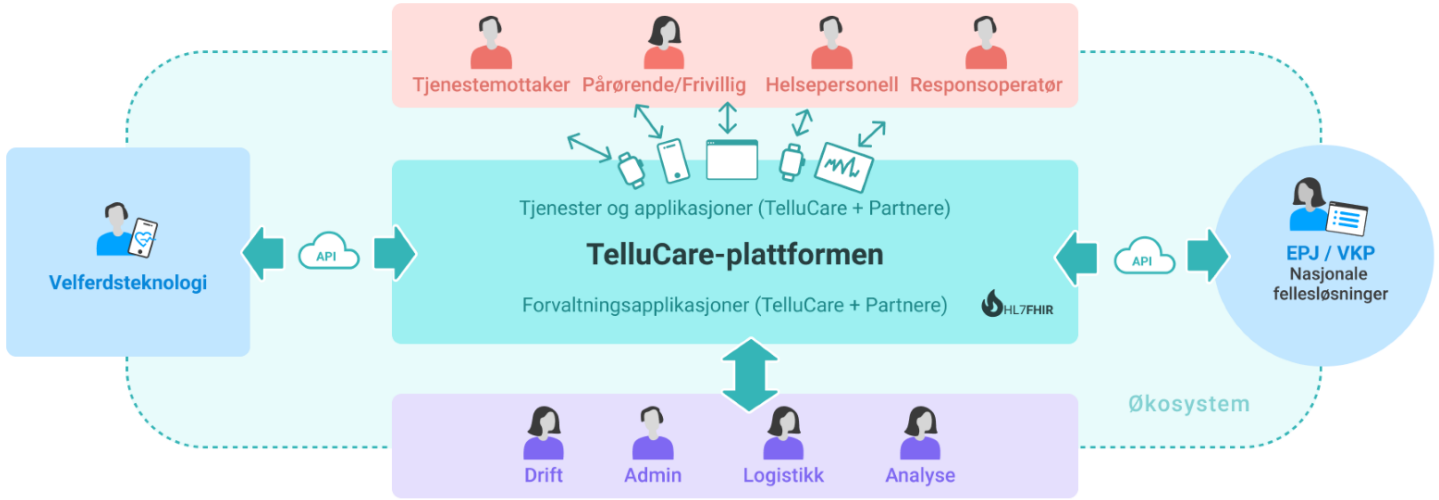
SCAIP

Continua DESIGN GUIDELINES Secure Medical Data Exchange

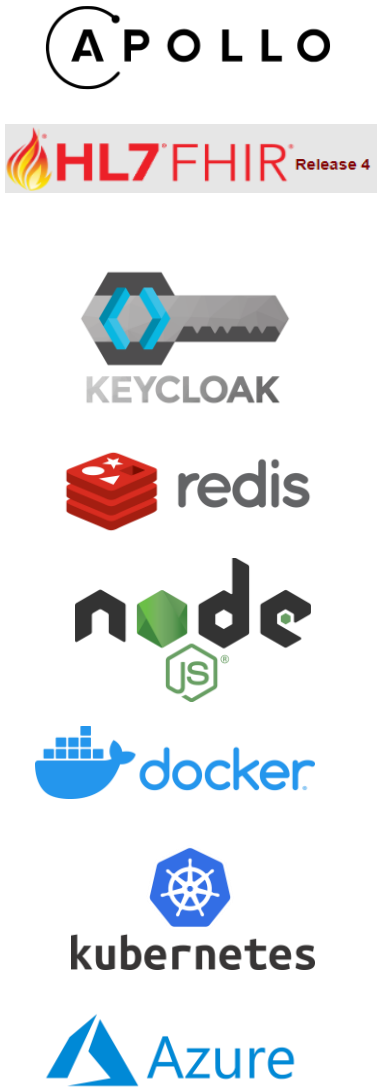
tellu

TelluCare

- **Tellucare** is the technology foundation for all Tellu software services, it allows:
  - Tellu services to be developed and maintained in a cost effective way
  - Tellu services to be seamlessly integrated with each other
  - Integrating Tellu services in partner's ecosystems
  - Integrating partner services in the Tellu ecosystem
- **Tellucare** is based on standards open-source and state of the art components
  - Native FHIR database, OpenID Connect for Auth and SSO, Open APIs
  - Strong focus on security and data protection by design
  - Developed, maintained and operated by in-house DevOps team
  - Avoid cloud vendor lock-in to cope with uncertain market requirements (e.g. Cloud Act in EU)



Technology stack



Main platform modules

- Gateway / Medical Measurement
- Questionnaires / Observation
- RPM Care Plan
- Next-of-kin Workflows
- Digital Supervision
- Safety alarm / Sensors
- Chat / Video Meetings
- Alarm management
- Mobile Safety Alarm + Location
- Personnel safety
- Admin / Device management
- Authentication and Access
- FHIR Based Patient Archive

APIs

GraphQL Patient API ⟷ Patient app(s)

MQTT Gateway API ⟷ Devices / Gateways

GraphQL Personnel API ⟷ Personnel applications

{ REST } Alarm API ⟷ Response center integration

GraphQL Admin API