

Xecs Matchmaking Event

MEDrecord

Tech-led industry transformation – AI to modern healthcare

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Company at a glance

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- Incubator for spin-off companies (right now 4 companies)
- Number of employees:
 - 15 in Bosnia, Poland and Macedonia
 - 65 in The Hague, The Netherlands
- R&I expenses as a % of sales: 30%
- 12 running EU projects
- Competences and products:
- AI, NLP, speech recognition, white-label eHealth platform



MEDrecord
eHealth platform as a Service



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Tech-led industry transformation

From “sick care” to modern health care.

Against the backdrop of extended life expectancy, public health and medicine are facing unique challenges. Chronic diseases in an already less active population are increasing the economic impact of healthcare and are directing the attention of the industry away from the “sick care” system and towards improving health outcomes across populations.

Instead of treating medicine, health and care as three estranged happenings, we need a **value-based, customer-centric system** that enables the birth of inclusive and affordable products, services and solutions that satisfy and fulfill the growing patient demands.



THEN
Phase 1

**Traditional medicine
and healthcare**



NOW
Phase 2

“Sick care”



UP NEXT
Phase 3

**Value-based
HealthCare**

Our ventures

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eHealth Platform as a Service

Certified eHealth platform that serves as a boiler plate for other spin-off companies

www.medrecord.io



P2P diabetes platform

Lifestyle intervention for Diabetes type II management.

www.clubdiabetes.nl



Data ownership

One of the 9 Dutch PGO's that is used to collect your medical data from healthcare institutes.

www.medsafe.io



AI speech to text

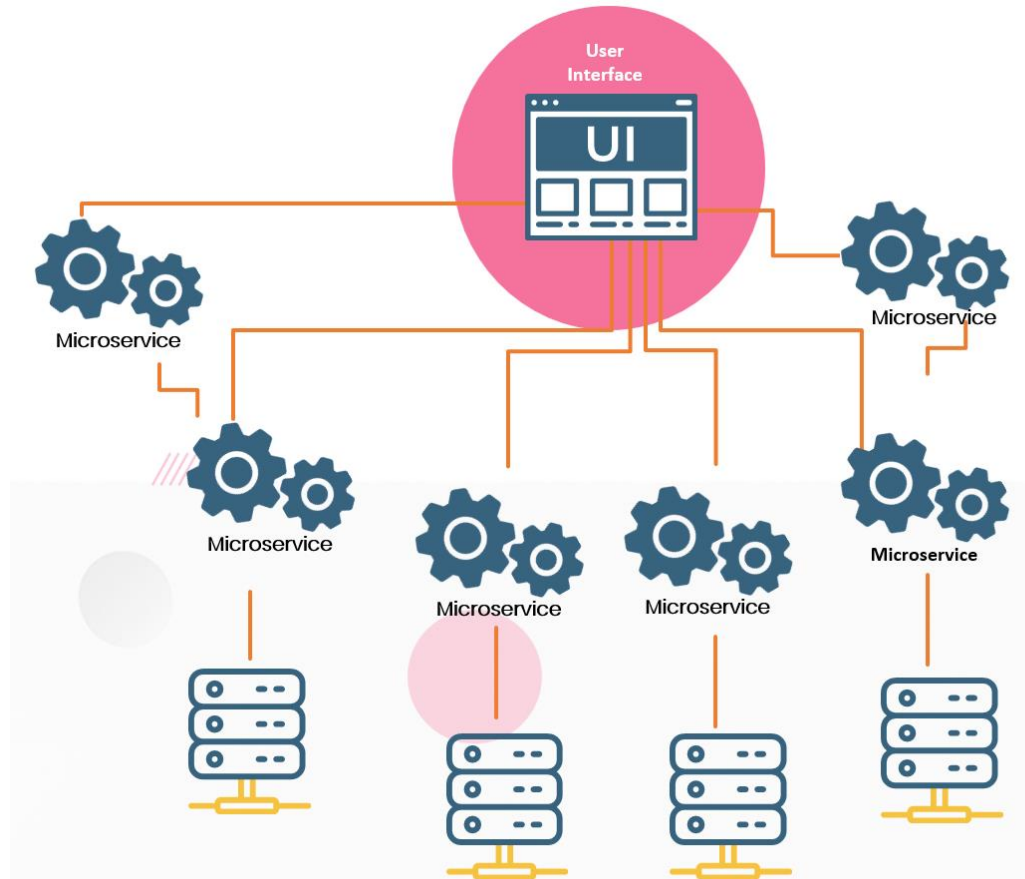
AI based speech to text into clinical reporting.

www.healthtalk.ai



Our LEGO[®] plate: eHealth platform

- One platform, several use cases
- The same certified infrastructure is being used for building new ventures
- All companies certified for:

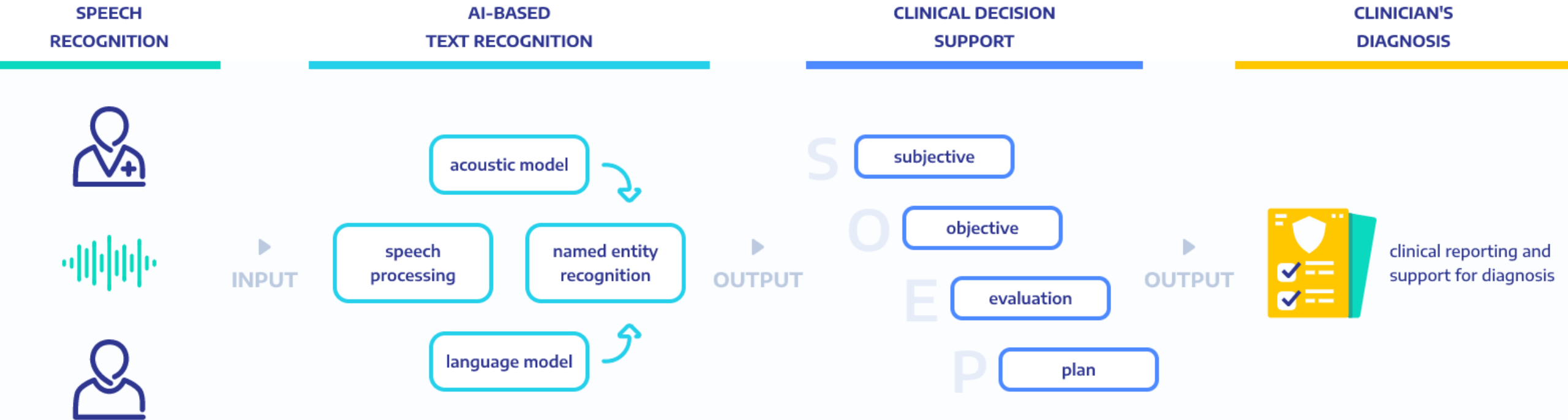


Microservice Architecture



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- The Doctor spending 30% of the time on bookkeeping
- AI based speech recognition and clinical reporting





- **Named Entity Recognition**

Named Entity Recognition detects words and phrases mentioned in unstructured text that can be associated with one or more semantic types, such as diagnosis, medication name, symptom/sign, or age

- **Assertion Detection**

The meaning of medical content is highly affected by modifiers, such as negative or conditional assertions which can have critical implications if misrepresented.

Text Analytics for health supports three categories of assertion detection for entities in the text:

- **Certainly** • **Conditional** • **Association**

Ribavirin **UMLS: C0035525** was also evaluated against SARS-CoV-2 infection,
MEDICATION_NAME DIAGNOSIS

but the antiviral **UMLS: C0003451** property of drugs **UMLS: C0013227** is still
MEDICATION_CLASS TREATMENT_NAME

not well established against the SARS-CoV-2 **UMLS: C5203670** **negation** .
DIAGNOSIS

Patient's brother **UMLS: C0337527** died **UMLS: C1306577** **Someone else** at the
FAMILY_RELATION DIAGNOSIS

age of 64 **Someone else** from lung cancer **UMLS: C0242379** **Someone else** . She
AGE DIAGNOSIS

was admitted for likely gastroparesis **UMLS: C1306577** **Positive possible**
ADMINISTRATIVE_EVENT DIAGNOSIS

but is unsure if she wants to start adjuvant hormonal therapy **Hypothetical** .
TREATMENT_NAME

...Elevate your impact in healthcare by joining our consortium - together, we'll create a healthier, more connected world...

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