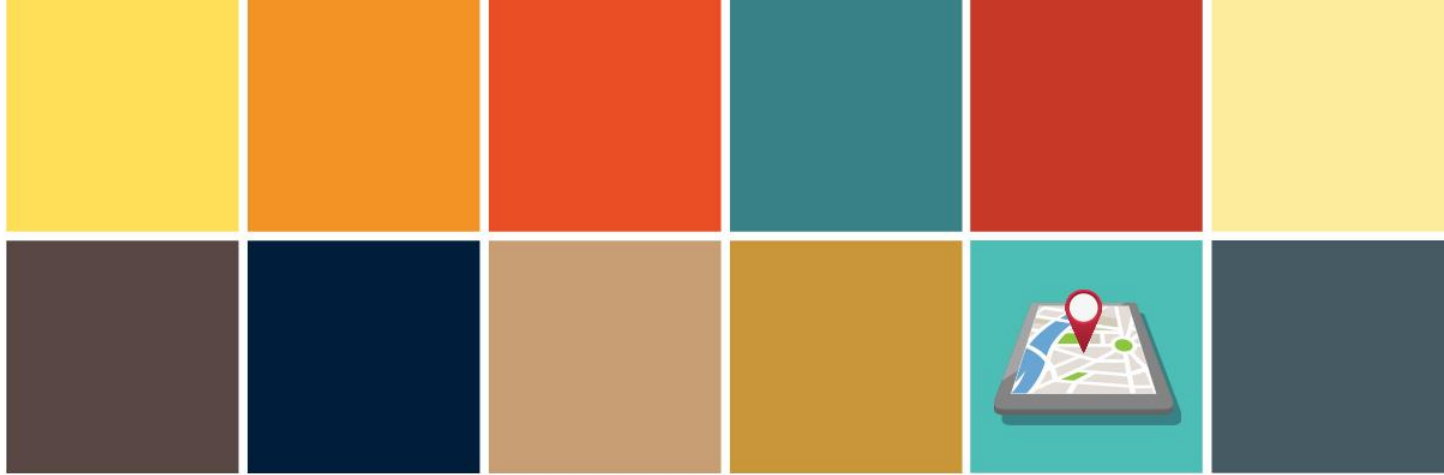




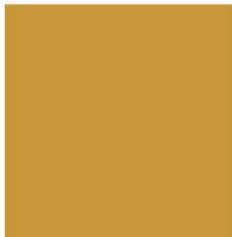
TÉLÉSANTÉ
LORRAINE



MASTER PATIENT INDEX

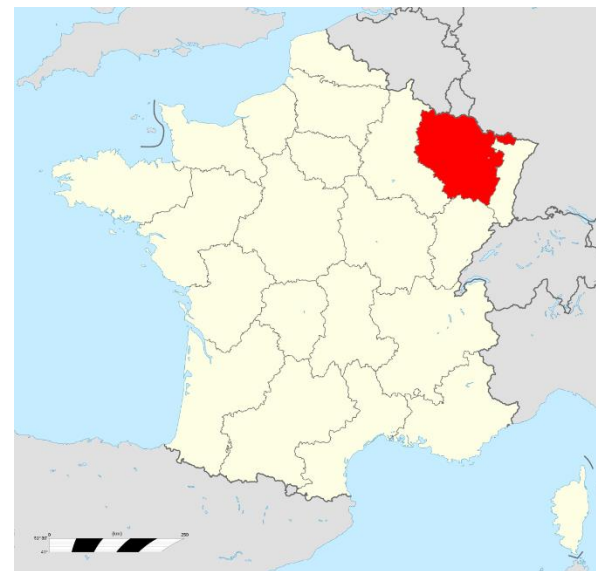


ESI Funds for health, September 18th 2018



TELESANTE LORRAINE – COMPANY PROFILE

- Regional **H**ealth **C**oordination **G**roup
- Non-profit company
- 240 members, health and medico-social structures
- Region Lorraine : 2,4 million inhabitants
- Our business solutions : teleradiology, telemedecine, secure health messaging, care chain coordinating, sharing medical imaging...
- Base solutions : Single-sign-on, professional directory, patient directory



LES SERVICES

LES PROJETS

VOUS ET NOUS



Messagerie



Plus d'infos



Lorrconf



Plus d'infos



T-lor



Plus d'infos



Orulor



Plus d'infos



iMad



Plus d'infos



e-RCP



Plus d'infos



ROR



Plus d'infos



Odys



Plus d'infos



Annuaire



Plus d'infos



Cadran



Plus d'infos



Ligo



Plus d'infos

WHY A MASTER PATIENT INDEX

- MPI as a prerequisite to share medical imaging with Médiale
- No national patient identifier
- Problematic to identify patient at each admission in a structure
- Decision by our members to create a patient regional database in order to support Médiale and all the other solutions of Télésanté Lorraine
- Necessity to finance our project : 520 000 €
 - European funds : 182 000 €
 - Regional Health Agency of Lorraine
 - Regional Council of Lorraine



THE MASTER PATIENT INDEX

- Analysis of different offers from suppliers
- Chosen solution :



- Idéolidentity
 - Complete solution for quality management of patient identities
 - Automatic correlation of patient identities
 - Historical records and traceability
 - Real time request from admission software
 - Compliant with IHE standard

THE MASTER PATIENT INDEX

- The matching algorithm
 - List every characteristic that define an identity (birth name, last name, first name, birth date, gender, address, etc.)
 - Weight each one of them and which one are mandatory for correlation
 - Define the tolerance zone
 - Approximate detection :
 - ESI funds ~ Easy funds ?
 - Birth date : 25/07/1987 ~ 25/07/1978
 - Phonetic detection : ESI funds = Easy funds ?
 - Choose the score that must be reached for an automatical correlation
 - > 90 %, automatic correlation
 - 60 < score < 90 %, manual reconciliation proposal, with a vote system
 - < 60 % , no correlation
- All those parameters form the matching algorithm

WHERE ARE WE NOW ON THE PROJECT?

- Test phase with beta sites
- Main difficulty in harmonizing the rules to identify a person and define the algorithm
- Massive deployment over the Lorraine region
 - 20 sites integrated
 - 1 800 000 identities → 75 % of the population
- Automatic exchange of reports, imagery exams, etc.
- 50 % of reports from e-RCP automatically integrated
- Focus on increasing the quality of identities to increase automatic correlation of patient identities

WHAT'S NEXT ?

- NIR number is coming
- Target of 100 % of hospitals connected by 2020
- Target of 100 % of Telesante Lorraine's solutions connected by 2019
- National reform of region fusions
 - Lorraine + Alsace + Champagne Ardenne = Grand Est
 - Population from 2,4 to 5,5 millions
- The Lorraine MPI becomes the Grand Est MPI



THANK YOU FOR YOUR ATTENTION

ANY QUESTIONS ?