Team

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Created in 2015

Successively accelerated by SNCF and TOTAL
A RECOGNIZED COMPANY

TEAM
15 members
Settled in the largest innovation platform in Europe

Commercial Partners
- CGI
- Capgemini
- Mobile Indoor HD
- Sopra Steria

Primary member of the whole innovation ecosystem

Industrial Partners
- ORACLE
- Total
- SNCF
OUR RAILWAY INDUSTRY CLIENTS

Manufacturers

Operators

Yards
The observation made

Lack of information
- Technical documentation is not at hand
- No asset related information

Data is hard to feedback efficiently
- Still too much paper on the field
- Lots of time consuming double entries

For the field intervention
Operators are left with papers and/or oral trace of previous operations

After the intervention
Feedbacks are manual. Getting useful data out of paper is very inconvenient for the operator
Field technicians still have lots of paper on the ground

Decision trees  
Maintenance procedures  
Reports
The Ermeo solution

An app to provide technicians with all the information and documentation they need to perform their operations...

...and a platform to transform technical documentation.
The mobile application: A digital toolbox for field technicians

Assets information

Documentation

Interactive forms
The web Platform: manage the documentation and edit automatical reports

Transform static documentation into interactive documentation
Your processes are now transformed and accessible on the field. You have to connect them to your existing software.
Connect your system and make them accessible on a mobile app. Your data flows automatically and up to date in real time.

All the information technicians need already exist but is not accessible on the field.
Roadmap

A complete solution for your technicians in less than 3 months

- Define use case: 5 days
- Configuration and Integration: 1 month
- Field testing: 1.5 months
- Delivery: 5 days

Connect your system
Value proposition

- All information at hand
- Documentation in a practical format
- Stop multiple entries in software
- Databases updated in real time
Examples of use cases in the railway industry
**Before Ermeo**

- Data collected on a paper check-list and on an onboard notebook kept in the engine
  → Double work and data collected not used in any way
- Documentation very heavy and therefore not carried all the time
  → Roundtrips very frequent to get the documents between the field and the maintenance center

**Benefits from Ermeo**

- Information is collected directly on the smartphone and feedbacked to the center in an workable format
  → Centralized easy accessible datas
- Interactive forms
  → More datas asked to the operators to get more that paper used to be able to (photos, barcodes, etc.)
Before Ermeo

- Paper maintenance manuals of interlocking systems → 300 pages long document about a very complex system with no way to quickly find the information needed now
- Many manfunction possible origins → Hard diagnosis and inefficient repair operations

Benefits from Ermeo

- Digitalized smart documentation always with me → No rides to look for the good document
  → Easy navigation inside the document to get the right information
- Troubleshooting guide → Diagnosis assistance and step by step guidance to do the right maintenance procedure
  → 15% productivity gain and reduction of the downtime of the system
ERMEO & THALES
Troubleshooting guides designed for clients

Before Ermeo

- Paper and PDF technical documentation given to clients to accompany their products
  - No added value of the technical documentation compared to their competition
- Manual edition of the documentation and reprinting
  - Costly and time consuming versionning

Benefits from Ermeo

- Commercial offer enhanced with and added format of documentation
  - A new differential offer that will help their client to use and maintain their products in a significative way
- Establishment of a higher level of communication with their clients
  - Documentation can be updated in a click.
  - Updates can be made thanks to feedbacks given directly from clients maintaining their systems
Before Ermeo

- Control paper sheets on the field to ensure the on time construction of a railway in Conakry
  - Double entries on software (SAP, Oracle) at the office after the field check-up
- 2-3 days between the field operation and the transcription on softwares
  - Data lost or incomplete and human mistakes possibility

Benefits from Ermeo

- Data entered directly on the yard and connected to the IT environment
  - 15% Productivity gain
- Automatic digital reports
  - Complete data exploitable and transmittable to the client
ERMEO & EUROTUNNEL
Rolling stock information is now accessible and exploitable

**Before Ermeo**
- Rolling stock data are not available → Technicians have no access to rolling stock information and unreliable
- No technical documentation related to equipment → The existing documentation is not available when needed

**Benefits from Ermeo**
- All rolling stock data are on the field → Information retrieved in real time from the database. The data is now valid and treatable
- All rolling stock documentation are on the field → The documentation is digitalized and accessible every time