The lift book in a digital era

a Dutch approach

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A brief introduction...
Non-profit organization (foundation)

Appointed by Dutch Government to maintain inspection schedules

Consists of representatives of:
- Owners
- Notified bodies
- Elevator maintenance companies
- Employees (union)

Funded by notified bodies through inspection fees
Digital is now!

Construction technology

Deep & machine learning

Inter-connected buildings

Virtual & augmented reality

Smart sensing and IoT
So...
where
do we
stand?

TIME
FOR
CHANGE
Why a digital lift book?

- Easy accessible
- Industry standard
- Efficient
- Real-time
- Sustainable
- Traceability
6.2. Each lift must be accompanied by instructions. The instructions shall contain at least the following documents:

(a) …

(b) a logbook in which repairs and, where appropriate, periodic checks can be noted.
Prerequisites

1. Needs to comply with (legal) norms
2. Easy accessible on site

3. Designed & maintained by an independent party
4. Easy to extend with additional functionality

5. Must be a scalable solution
6. Managed by independent body (SBCL)
The solution?

API

User interface
What is an API?

Application Programming Interface
The process?

Get their own unique identifier
No registration of:

- Personal data of technician or inspector
- Name of manufacturer, maintenance company or notified body
User interface
User interface
# User interface

![User interface image](image-url)
User interface
Where are we now?

- **2017**: Set up of a VLR working group
- **2018**: Support by SBCL
- **2018**: Support by VLR & NLB
- **2019 Q1**: Supplier selected by working group
- **2019 Q2**: Development of the Digital Lift Book
- **2019 Q3-Q4**: Start of pilot, testing on going
- **2019 Q3-Q4**: Roll-out of Digital Lift Book

**Development of the Digital Lift Book**
98% Coverage in The Netherlands

* Members of organizations VLR & NLB
Future developments

- Technical drawings & specs
- Reports of modification
- Declaration of conformity
- Inspection reports
- User and maintenance instructions
Thank you for your attention!

let's Connect!

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