



## THE DIGITAL EXAMINATION WORKFLOW

Smart Case AMTeK



**“Data can be analysed immediately,  
consequently improving the quality  
of the inspection.”**

**Mario Rovers** - Equipment Coordinator

## THE CHALLENGE

Part of Aboma, AMTeK is a market leader in the inspection of large and small equipment for the construction and industry sectors. AMTeK works with independent members, and it enables highly professional inspections. There is no doubt that safety is what drives AMTeK. From ladders and stairs to bridge cranes and from cleaning machinery to firefighting equipment: AMTeK is the leading inspection system for this equipment.

The challenge for Smartflow was to help AMTeK organise more than 20,000 annual, often complex, inspections carried out by independent members. Consider, for example, a complex bridge crane. This equipment is inspected on more than 300 aspects, resulting in a huge pile of paper and photographs. It was quite a challenge to fully and clearly incorporate inspections like this into a report.

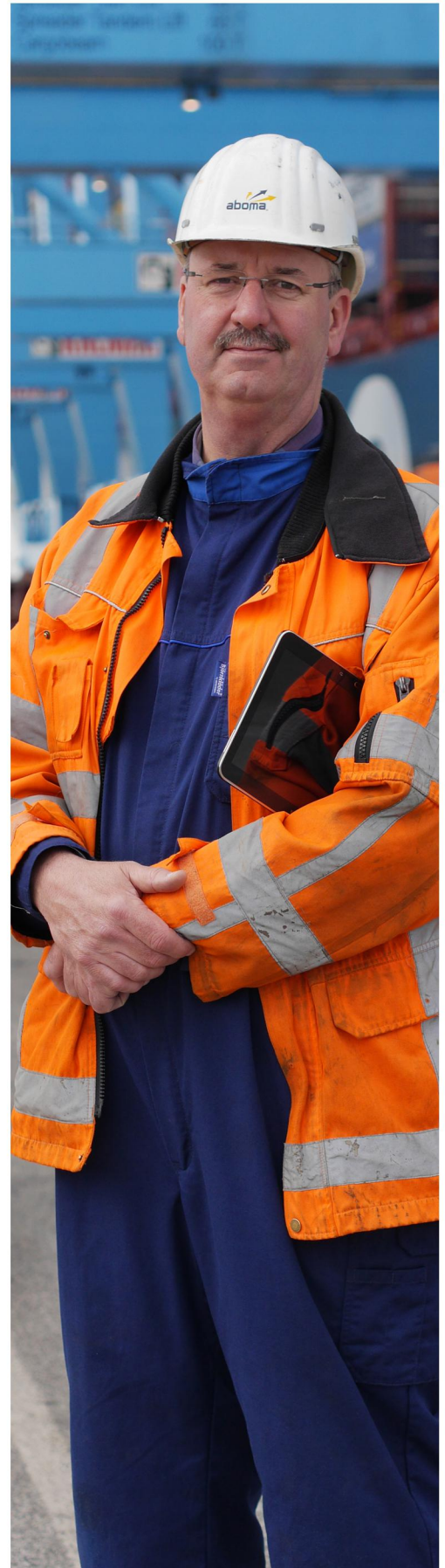
What were AMTeK's main challenges?

Aboma wanted to offer its AMTeK members added value through digital reporting with simple formats and to streamline the entire inspection process. The level of reporting had to be raised to ensure the clarity of the inspection. All of this was designed to simplify the work of the inspectors.

What was included in the company's wish list?

- The 'mandatory' completion of the complete report.
- An archiving function so that old inspection reports were always at hand.
- The functionality to add photos.
- Monitoring the recording of inspection results (filling in descriptions).

Paper has its limits. The AMTeK business case is an interesting example of this limitation.

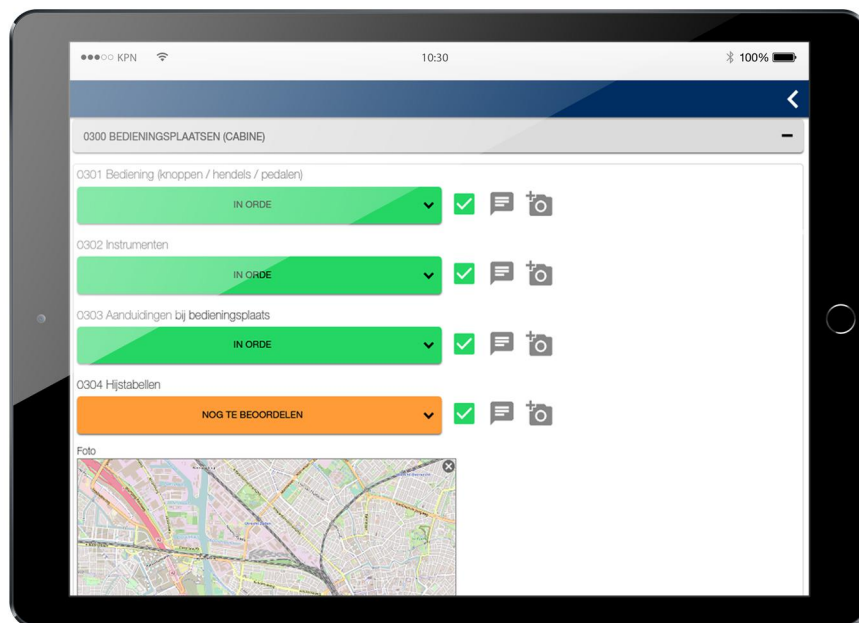






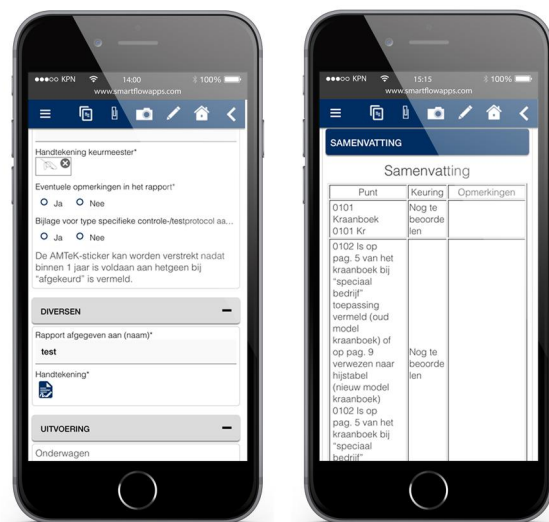
## THE REQUIREMENTS

- Paperless workflows.
- Simple workflows.
- Intelligent forms with built-in logic (formulas and calculations).
- The ability to easily inspect complex equipment using digital inspection reports (user-centric).
- Access to the forms on all devices: iOS, Android, all tablets and laptops.
- Databases from which all of the reports can be retrieved.
- Online and offline work.
- A platform that other business units within the Aboma organisation could use.
- Automatic generation of observation summaries.
- Photo functionality.
- Electronic signatures.
- A full link with 'My AMTeK'.
- Speech-to-text functionality.
- Report copies.
- Multilingualism.
- A knowledge bank with instructional videos.
- Management reporting.
- Easy-to-edit reports (the report can be modified by the AMTeK administrator).
- Suitable for further development of customer-specific wishes/requirements.
- Integration with Exact Software.
- Data encryption.
- SaaS cloud.



## THE SOLUTION

Smartflow has built the desired intelligent inspection solution to the total satisfaction of Aboma/AMTeK. Aboma's own employees use the app within the organisation. SMARTFLOW's AMTeK app works offline and online, on every platform, anytime and anywhere. A link with Exact is established, and the database is set up properly. AMTeK members send their inspection reports in PDF format to their customers.





## THE RESULT

All of the requirements for the solution were achieved on time. Aboma/AMTeK is now an ambassador for Smartflow.

The quantitative business case in hard euros is simple, as shown in the calculation below:

Number of inspections per year	<b>20,000</b>
Savings per inspection from using Smartflow	<b>20 minutes</b>
- Savings on input time	
- Use of information on site	
- Use of video and photos	
- Layout of documents and certificates	
Internal hourly rate	<b>€60</b>
Annual savings $20,000 \times \frac{1}{3} \text{ hour} \times €60$	<b>€400,000</b>

This savings calculation does not include the time reduction for the back office's workflow. Think, for example, of recovering incorrectly entered fields, archiving and creating certificates. The calculation example above concerns the direct savings in the field.

## THE CUSTOMER

'Independent inspection, with Aboma. Do you want to have your equipment inspected directly by your own employees with the help of Aboma? Not only to save costs but also to guarantee efficiency and better utilisation? With the independent AMTeK system, Aboma teaches your employees how to perform inspections. Why is it right for you? The AMTeK system is intended for companies who opt for safe and reliable equipment!'

## CONTACT US

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