

Effective SAFETY Solutions

SOLUTION N°21

BUSINESS: Extrusion of aluminium profiles

THE ISSUE

Technical condition checks of forklifts were always done manually booklet.

Procedure have been repeated each shift for each piece of equipment which came with big efforts and affect quality of checks.

There was no connection between operator and service, to report failure by manual booklet generates extended reaction time of service.

Manual reporting tools are inefficient many ways and it is hard to manage big fork lift fleet in that way.

THE SOLUTION (additional level of protection put in place)

Type: **Technical X** **Procedures** ○ **Others** ○

CRITICAL CATEGORY

1. Mobile equipment and pedestrian safety

Description of key feature or change versus current conditions:

The plant created, developed and implement a unique mobile Android APP, where pre-start FLT booklet are replaced by tablet with following functionalities:

- Checking technical condition step by step, making a photo of existing damages if any;
- Uploading automatically into IT database, reporting scratches, damages, not working parts;
- Full fleet management and online reporting by clicking only one button;
- Advanced algorithms to help operator with making the final decision;
- Link to connection with FTL computer (no possible to start engine when critical damages reported).

PICTURES (if applicable)

SAFETY BENEFITS – pros/cons

Automatization safe and efficient fleet management
Online forklift damage control – fast servicing time

IMPLEMENTATION COST (k€)

5 – 10 k€

