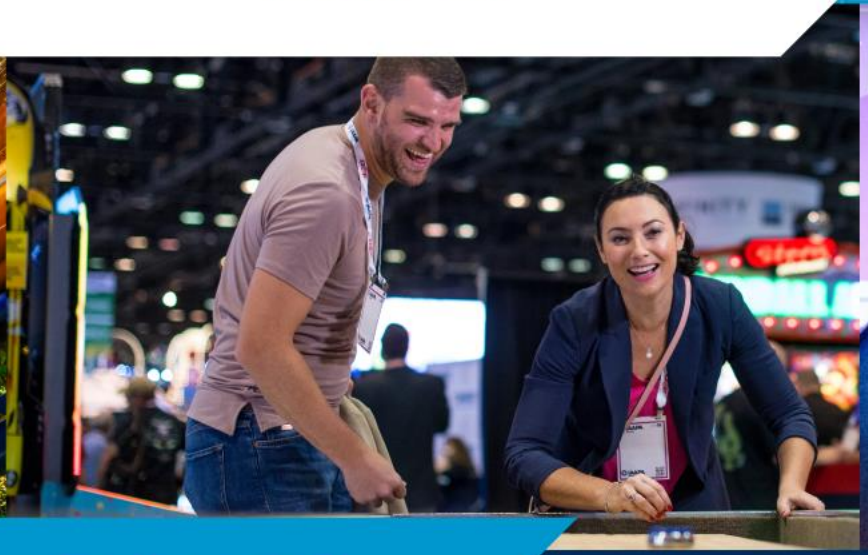
IAAPA® EXPO



CONFERENCE: Nov. 15–18, 2021
TRADE SHOW: Nov. 16–19, 2021

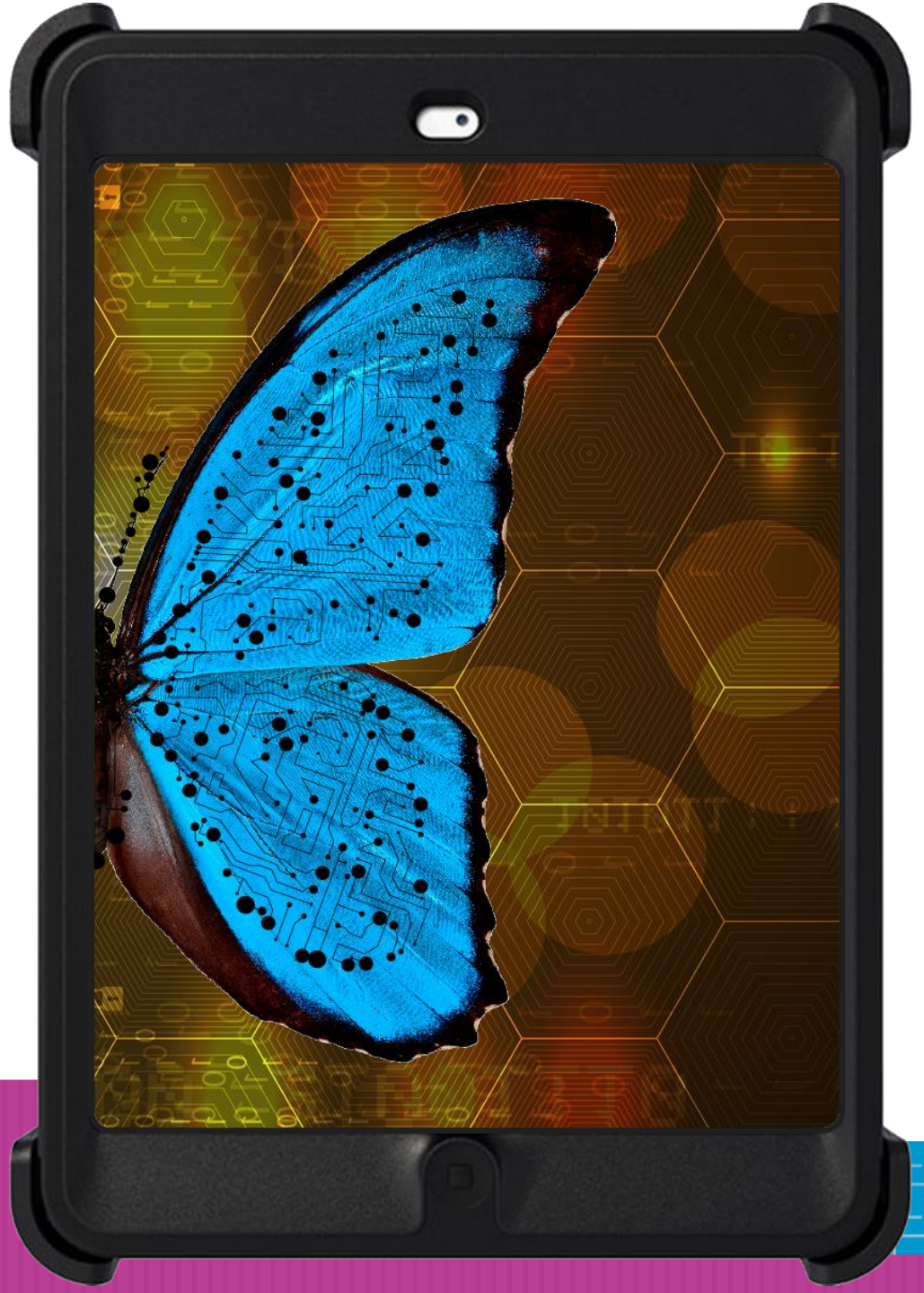
IAAPA.org/IAAPAExpo

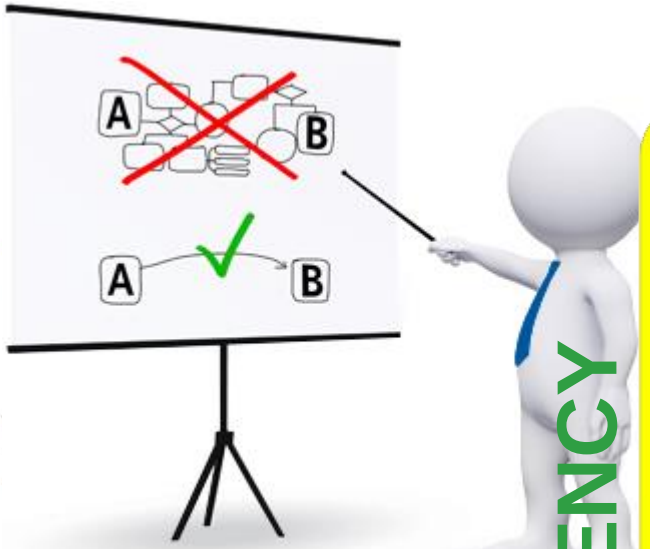
@IAAPAHQ | #IAAPAExpo

DIGITAL TRANSFORMATION

Linda Freeman, Rockwell Automation
Michael Wrinch, Hedgehog Technologies
David Bromilow, Mobaro Parks
Hugo Loyola, Fantasilanda - Happyland

AGENDA





INEFFICIENCY

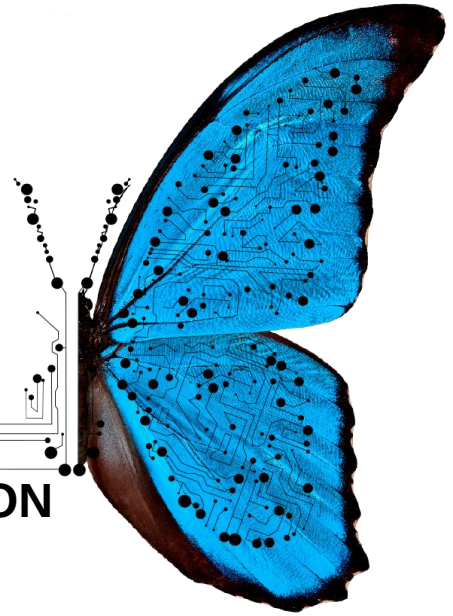
TECHNOLOGY

TECHNOLOGY

TECHNOLOGY

DIGITAL

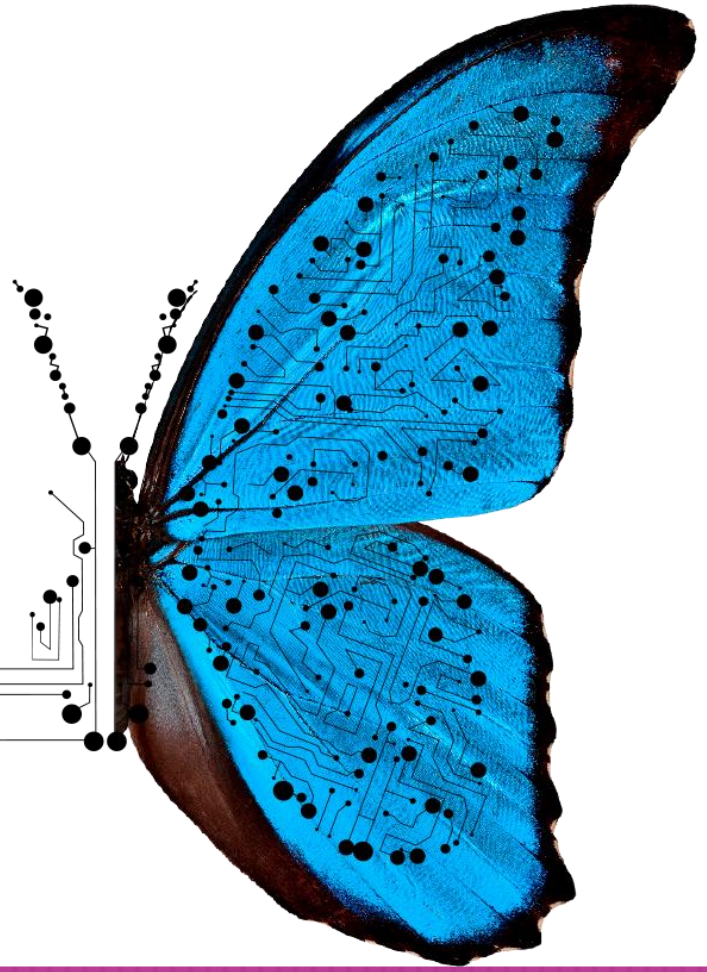
TRANSFORMATION



STAFF

Introduction

Digital Transformation

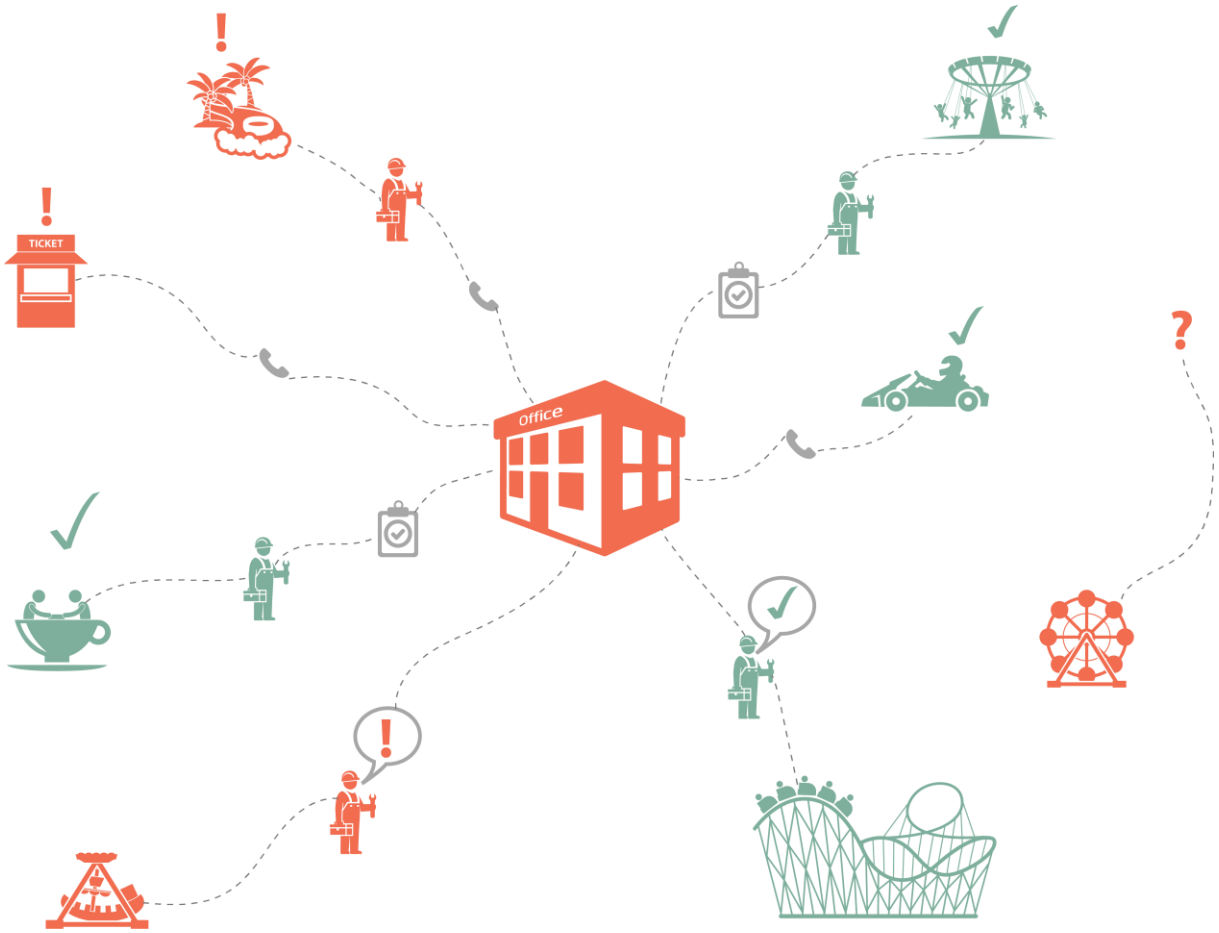


1. Introduction
2. Digital transformation
3. Successful case
4. Group activity
5. How to get started
6. Q&A

PREVENTATIVE MAINTENANCE

Create checklists and preventive maintenance plans for your unique attractions and rides.

BEFORE DIGITAL



Basic challenges

- Updated checklists?
- Checks done?
- Time of check?
- Scheduling of checks?
- Documentation of checks?

Management challenges

- Strategic overview
- Reporting
- Control
- Agility
- Compliance/audit
- Efficiency

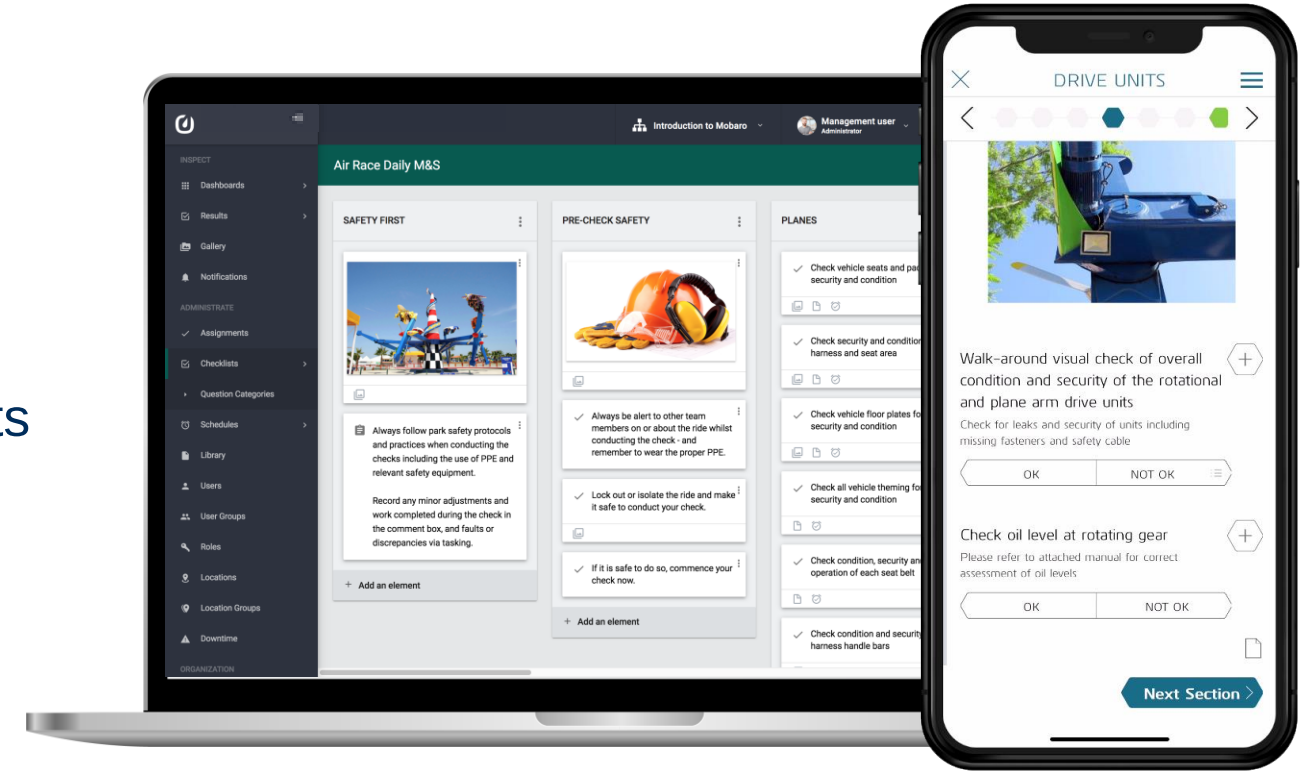
RETHINKING MAINTENANCE

RIDE AND ATTRACTION INSPECTIONS & MAINTENANCE PROCESSES

WEB APP

Create/Edit/Monitor:

- Checklists
- Automation
- Inspection reports
- Tasks
- Teams
- Rides
- Support docs

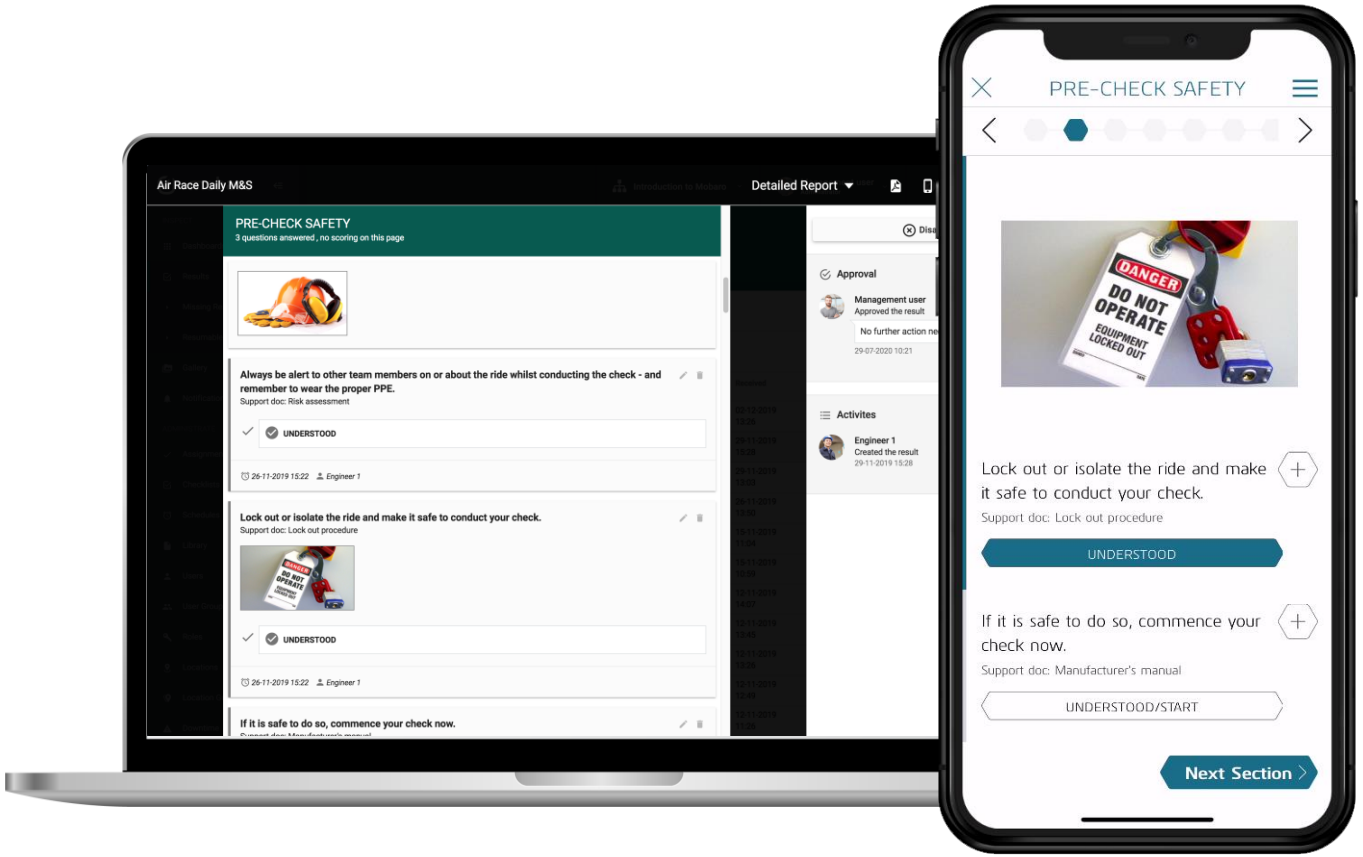


MOBILE APP

- Conduct checks
- Perform tasks
- Get prompted
- Create tasks
- View rides
- View reports
- View support docs
- Confirm location

REAL-TIME OPERATIONAL
TRANSPARENT OVERVIEW

COMPLIANCE MANAGEMENT

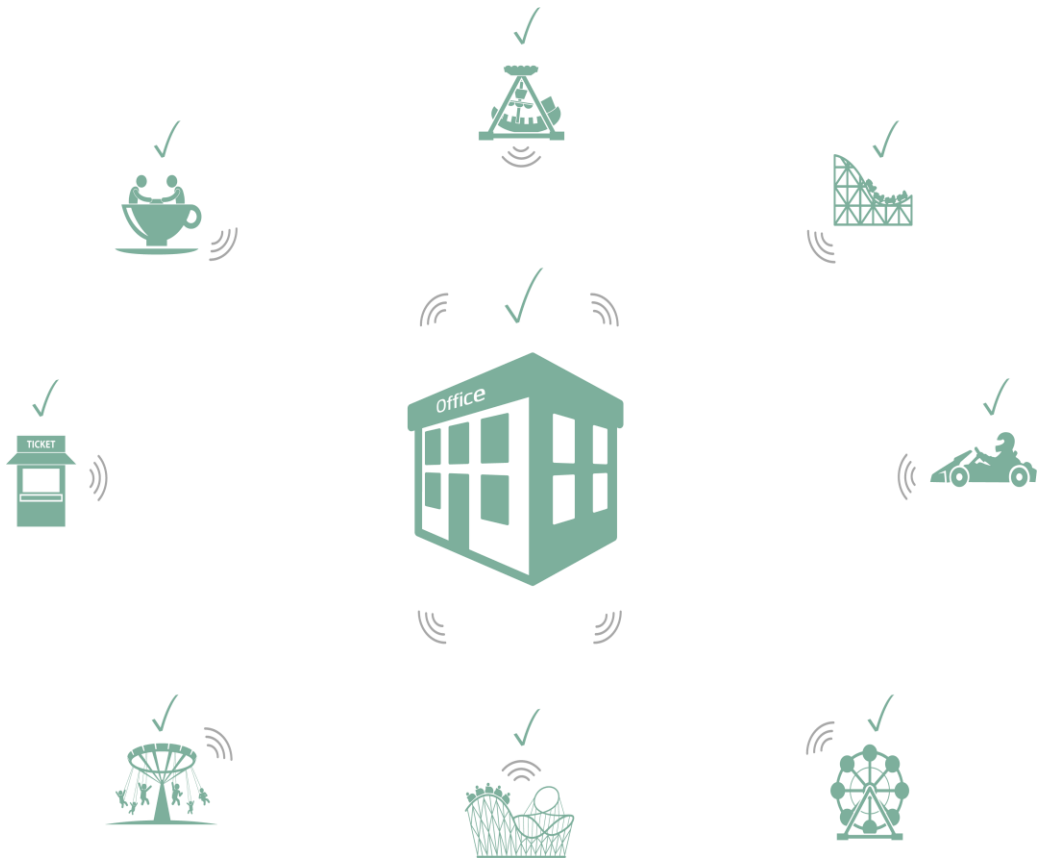


Local and national regulatory compliance facilitated:

- Detailed activity log
- Lock out/tag out compliance
- Working at height
- Confined spaces
- Lone working
- Chemical management
- PPE requirements

RIDES OPERATION

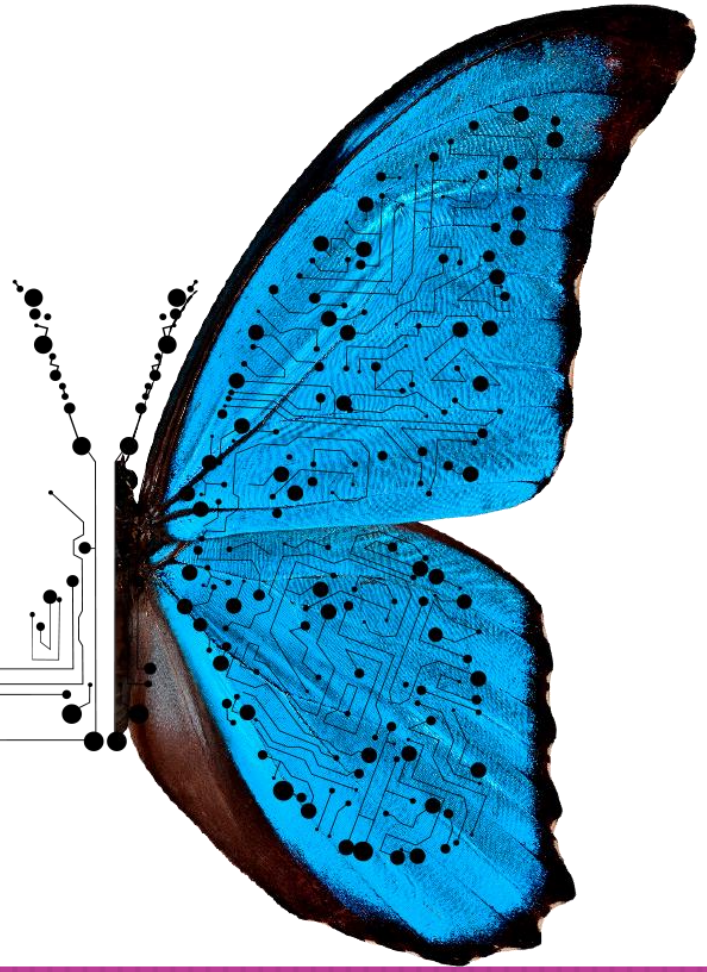
WITH DIGITAL



To ensure and deliver:

- Have a high level of safety procedures
- Have mastered their checklists and documentation procedures
- Have full overview and control
- Have high consistent standard of performed work and procedures
- Have a tool to ensure easy and manageable statutory compliance
- Can go to work everyday with peace of mind

Successful Case



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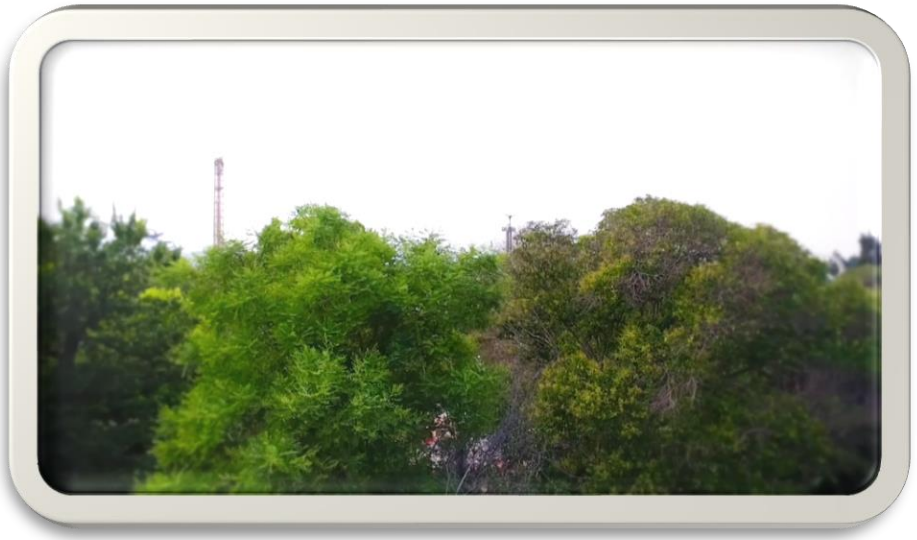


Successful Case

RECORDS & DATA STORAGE

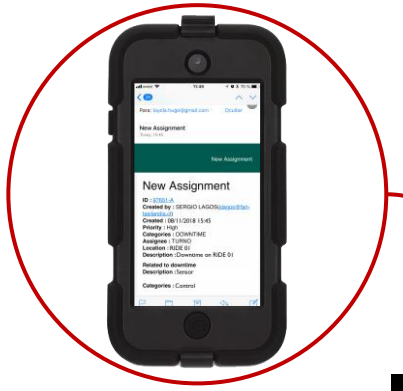
PAPERWORK

DIGITAL

Benefits

1 Ton (Paper) = 30380 Gal (Water)

DOWNTIME BREAKDOWN STRUCTURE



NO TRUSTWORTHY DATA

UP TIME

DOWN TIME

RELIABILITY?

RECORDS	
Nº	DESCRIPTION
1	Failure
2	Failure
3	Failure
4	Failure

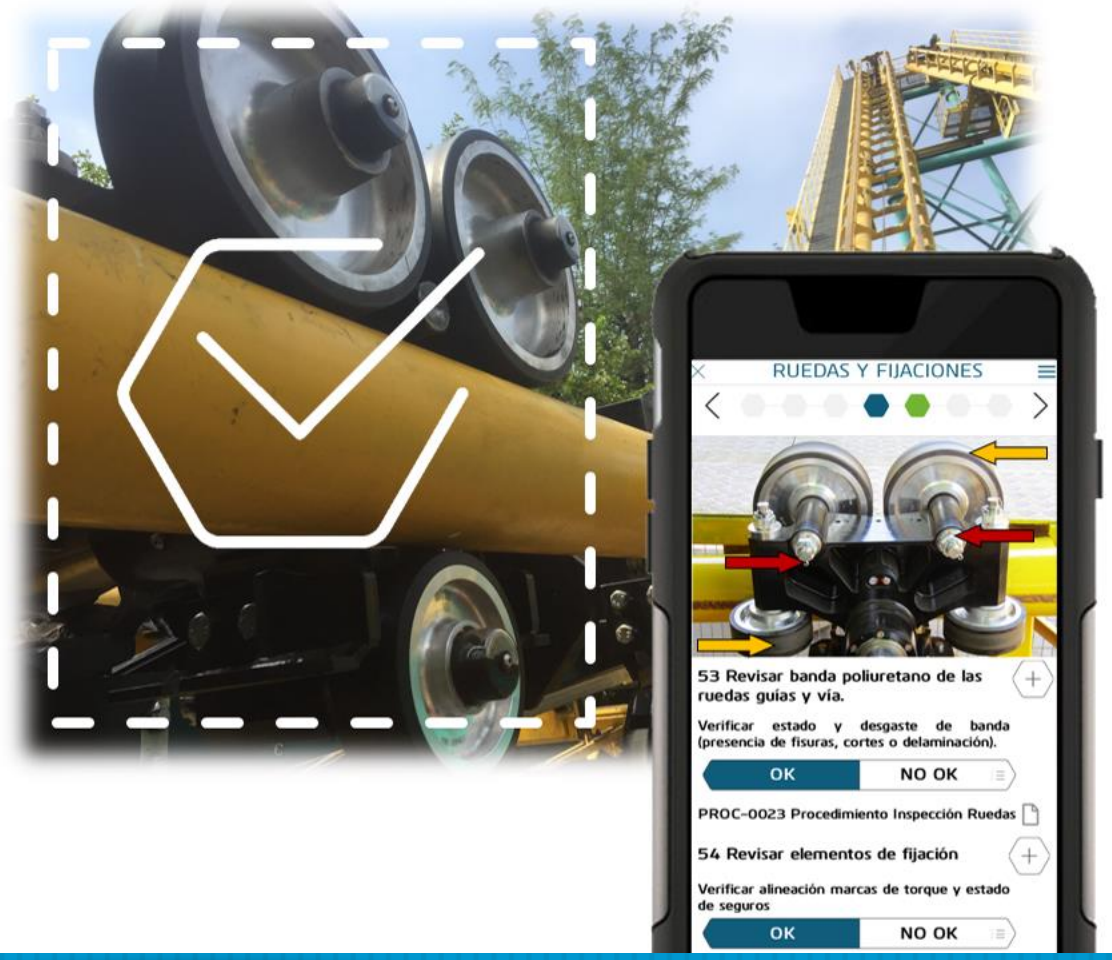
WHERE:

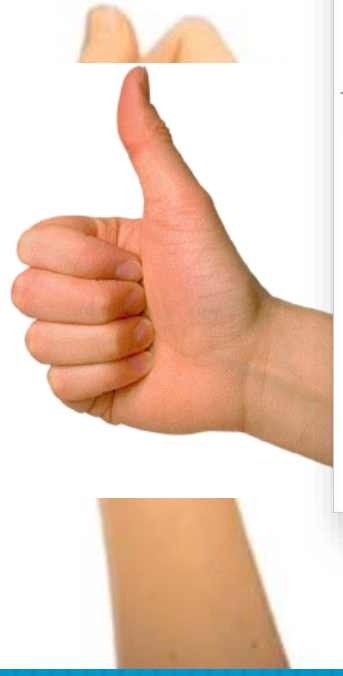
MTBF: MEAN TIME BETWEEN FAILURES

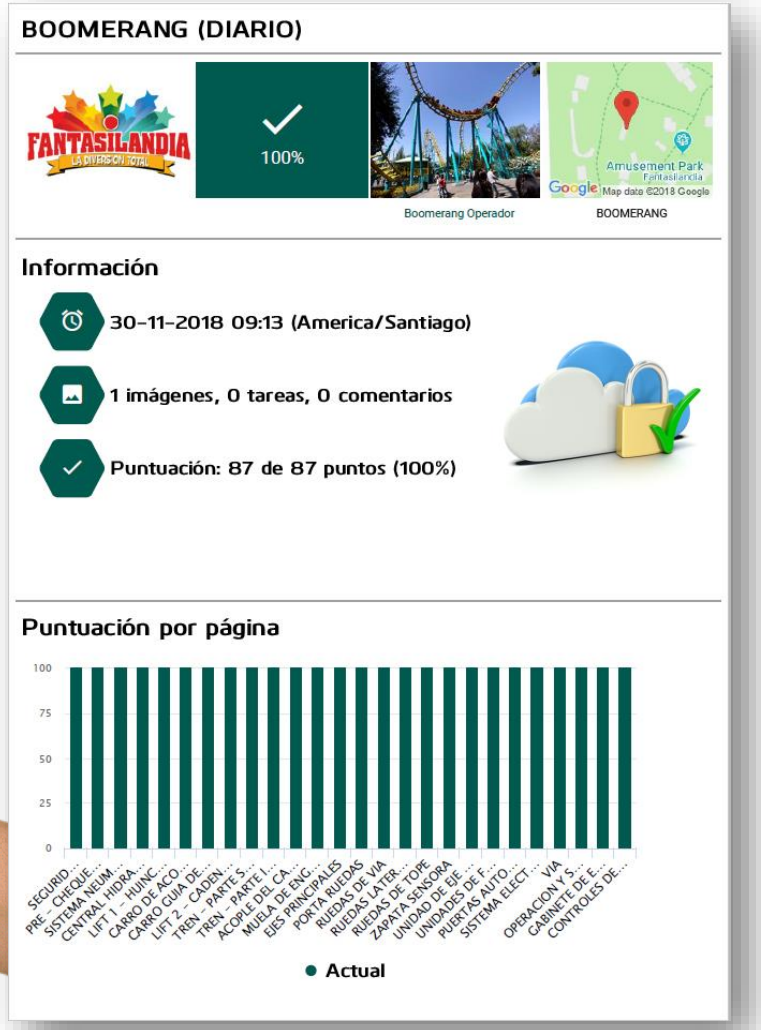
MTTR: MEAN TIME TO REPAIR

ALERTS/GUEST SAFETY

CHECKLIST COMPLETED

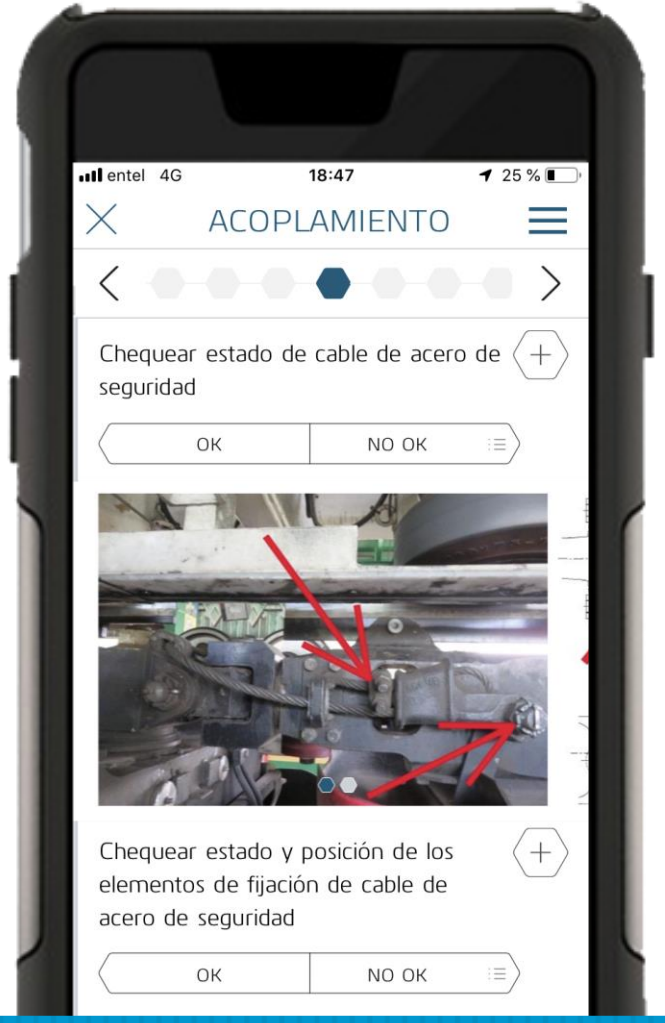






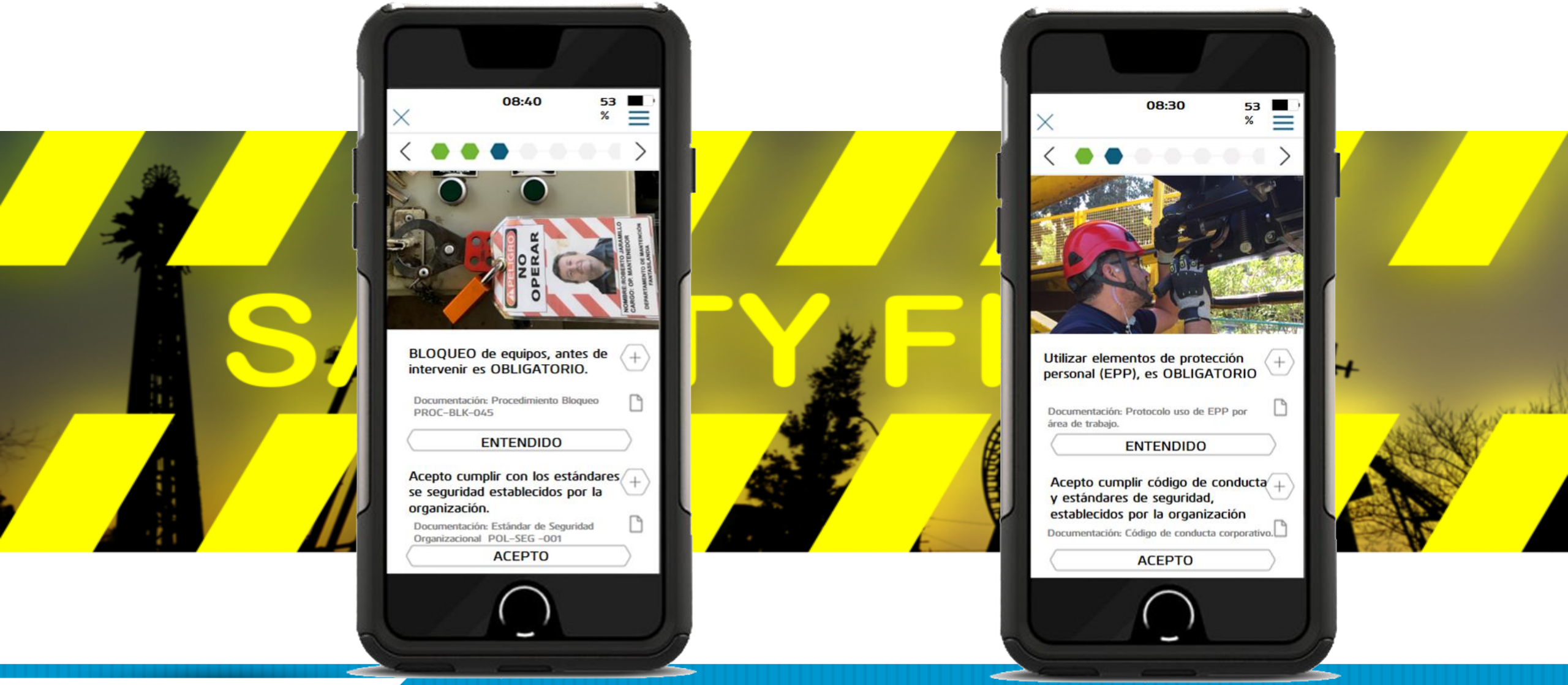
REPORT SENT

CHECKLIST PERFORMANCE



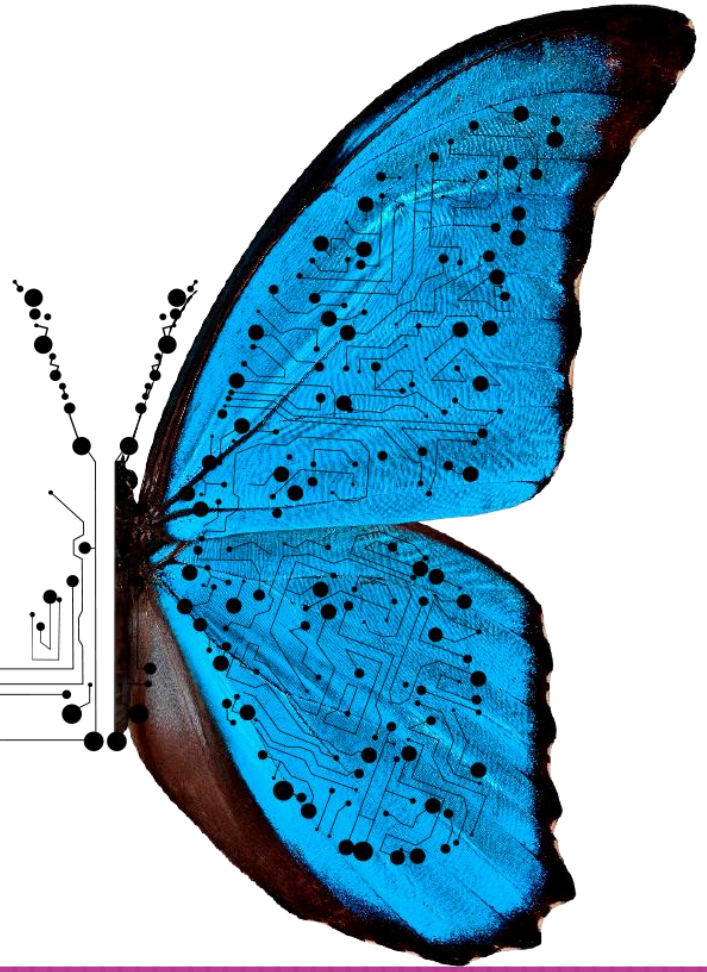
DIGITAL POCKET MANUAL

STAFF SAFETY



Benefits

Group Activity



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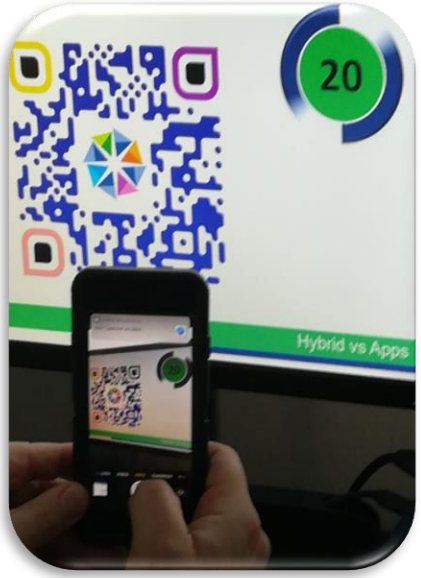
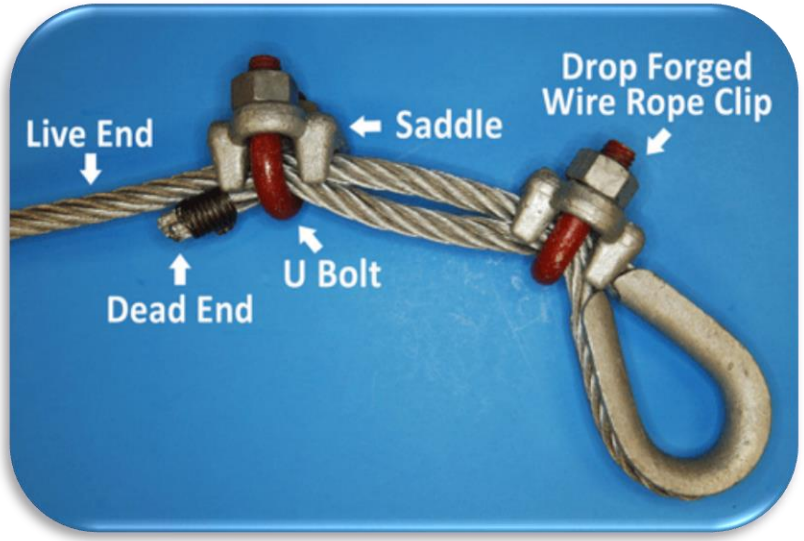
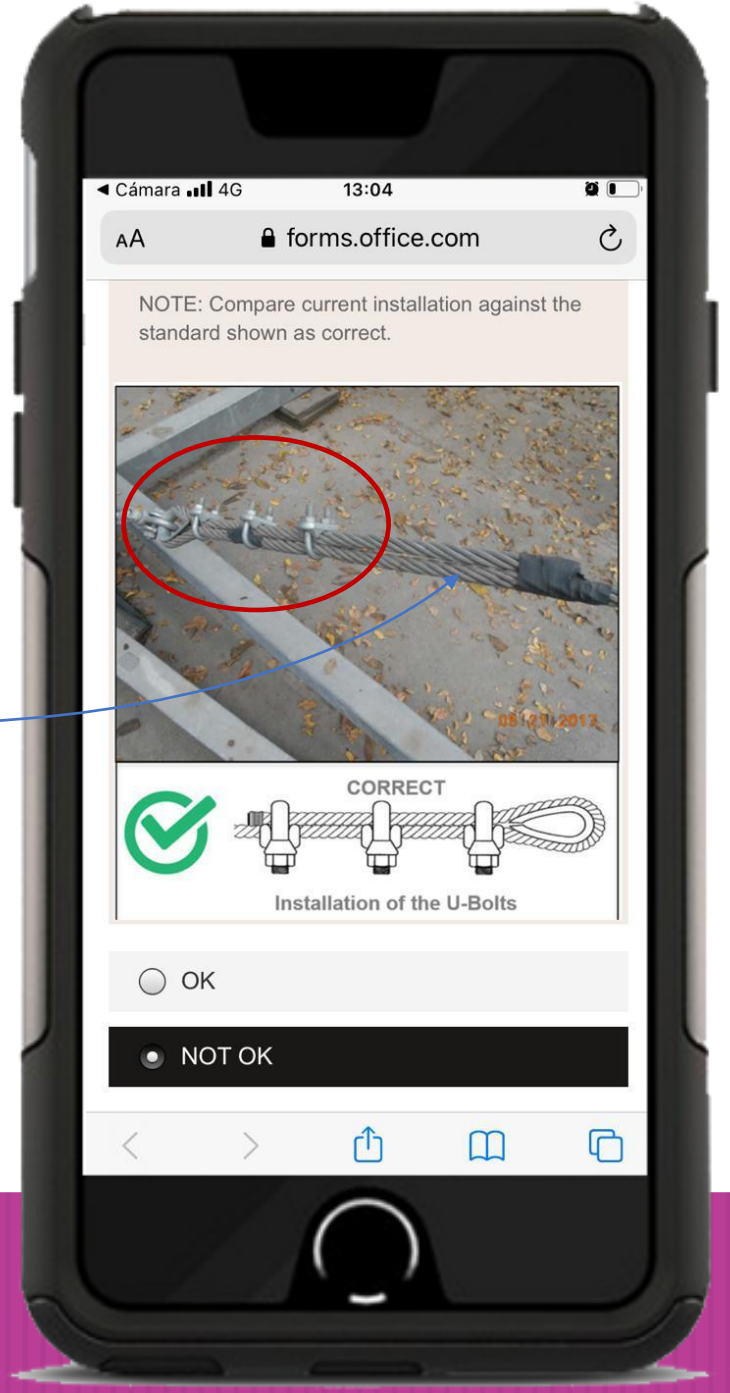
Now is your turn!

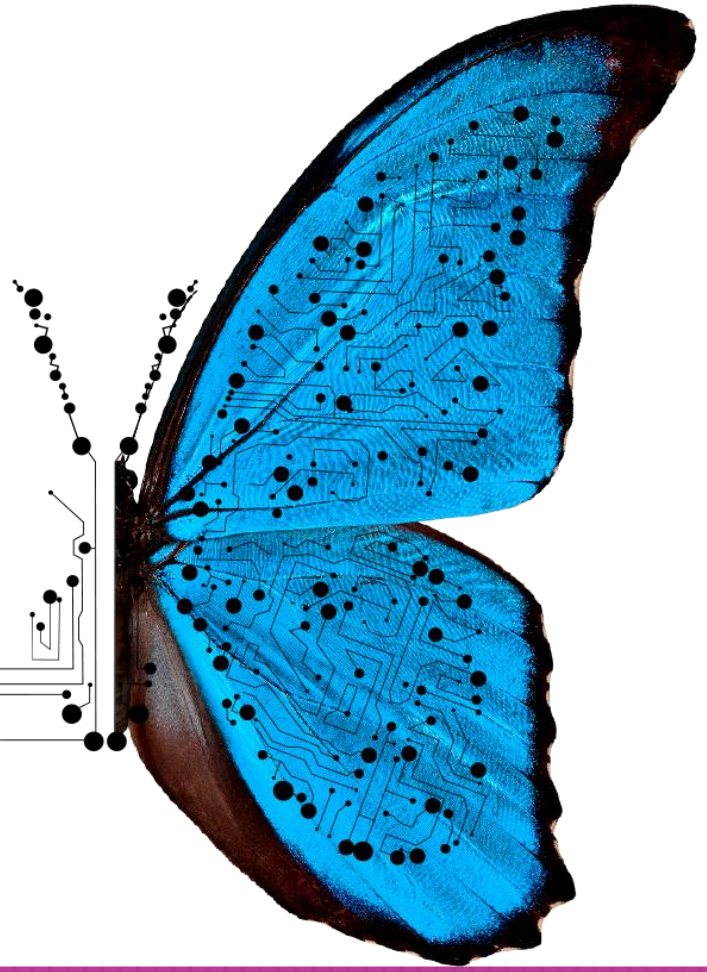

20
Hybrid vs Apps


Live End
Saddle
Drop Forged
Wire Rope Clip
U Bolt
Dead End

Live end


Cámara 4G
13:04
AA
forms.office.com
NOTE: Compare current installation against the standard shown as correct.
CORRECT
Installation of the U-Bolts
OK
NOT OK

How to get Started



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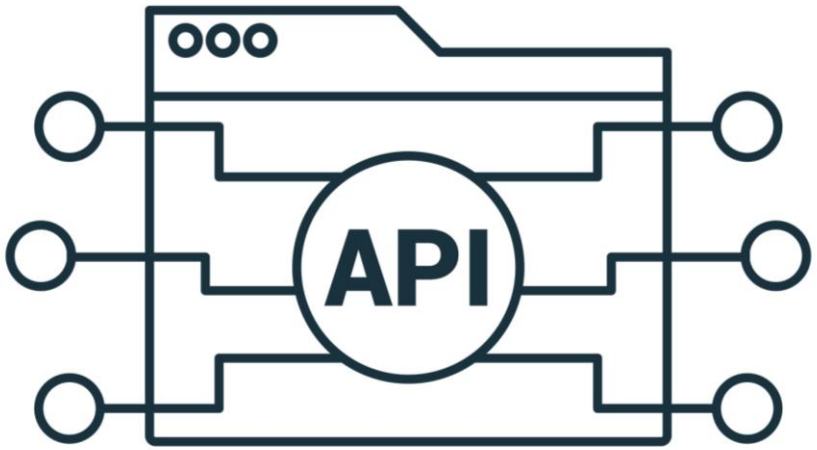
Prepare your team!!

PROJECT DIGITAL TRANSFORMATION

SMART DEVICE SELECTION AND STORAGE

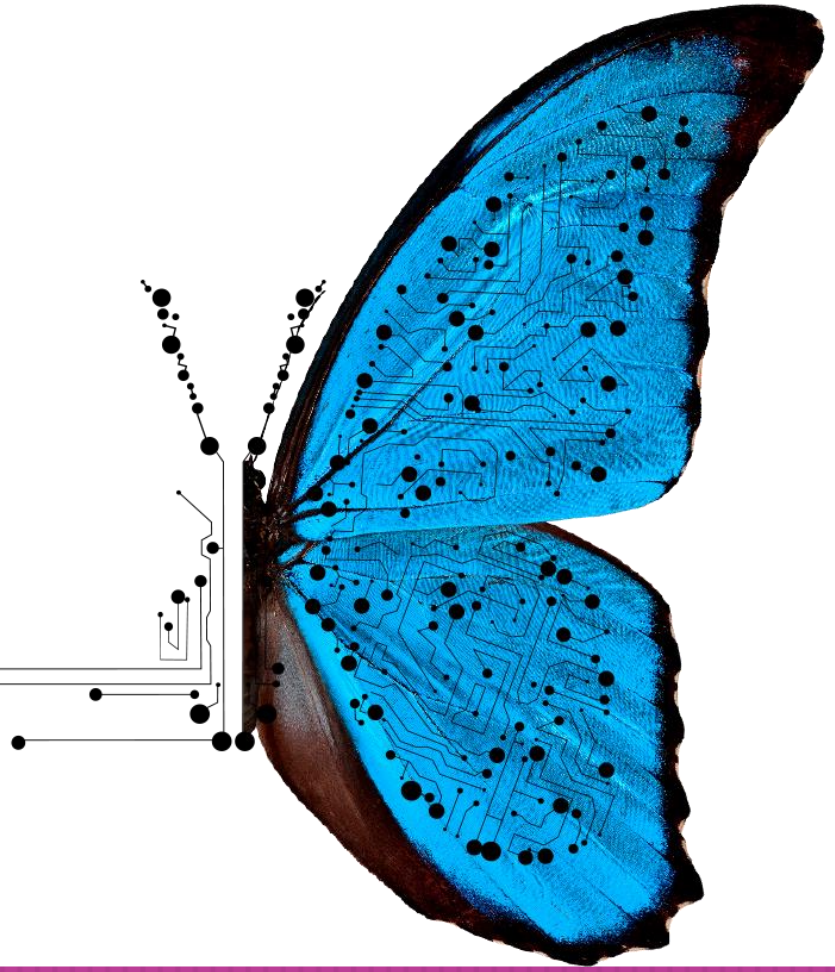


INTEGRATION & CYBERSECURITY

ONBOARDING

C
S
P
E
P
K

Questions



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Q&A

IAAPA Expo 2021 Evaluations

Park Operations and Maintenance in a Digital World