

Your trusted working at height expert



Association for Public Service Excellence





Introduction

Daniel Cardwell – UK Business Manager Energy & Infrastructure – Specialist Vehicles

Donna Barber – Bid Manager

Global business dedicated to local service



€2.5b



Annual Revenue
2023

11,370



Employees

650,000



Total Fleet

68,000



Powered Access



Present in
30 countries

Nationwide Platforms

£145m



Annual Revenue

1,000+



Employees

31



Depots

13,500+



Powered Access

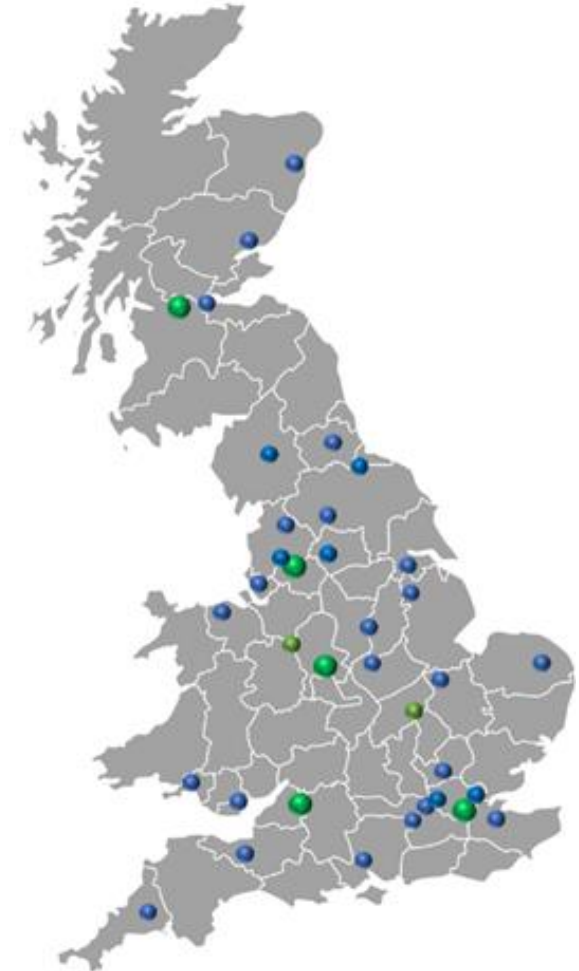


No.1 in
Europe for
powered access
equipment rental

Reaching new heights with Nationwide Platforms

The MEWP Expert & Provider of Choice

- Offering the UK's largest fleet of MEWP's: 13,500 platforms & 382 model variations
- Full UK coverage from 29 locations
- A part of Europe's leading equipment & tool hire providers, Loxam Group



2024 – 2026: 50% of indicative investment will be green

+500 orders for 2023

61% of fleet purchased 2023 was Electric or Hybrid

56% of fleet are lower emission machines

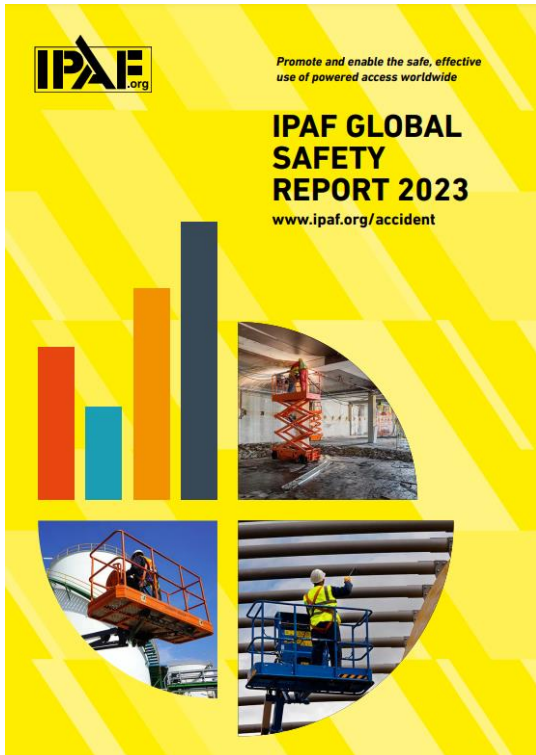
Current stock holding, Q4, 2023



Risks when working at height



Delivering industry change together



In 2013 Nationwide Platforms was instrumental in supporting the launch of the IPAF worldwide accident reporting portal.

In 2019 NWP lobbied IPAF to further develop this initiative which led to the formation of an IPAF Committee.

Our position on this committee further supports our unique understanding of the risks involving MEWPs, in the rental, Industrial and Construction

Whilst MEWP use is recognised as one of the safest methods of working at height there are many associated risks -

Risks when working at height



Falls from a height remains the lead cause of fatal injury to workers

10 year

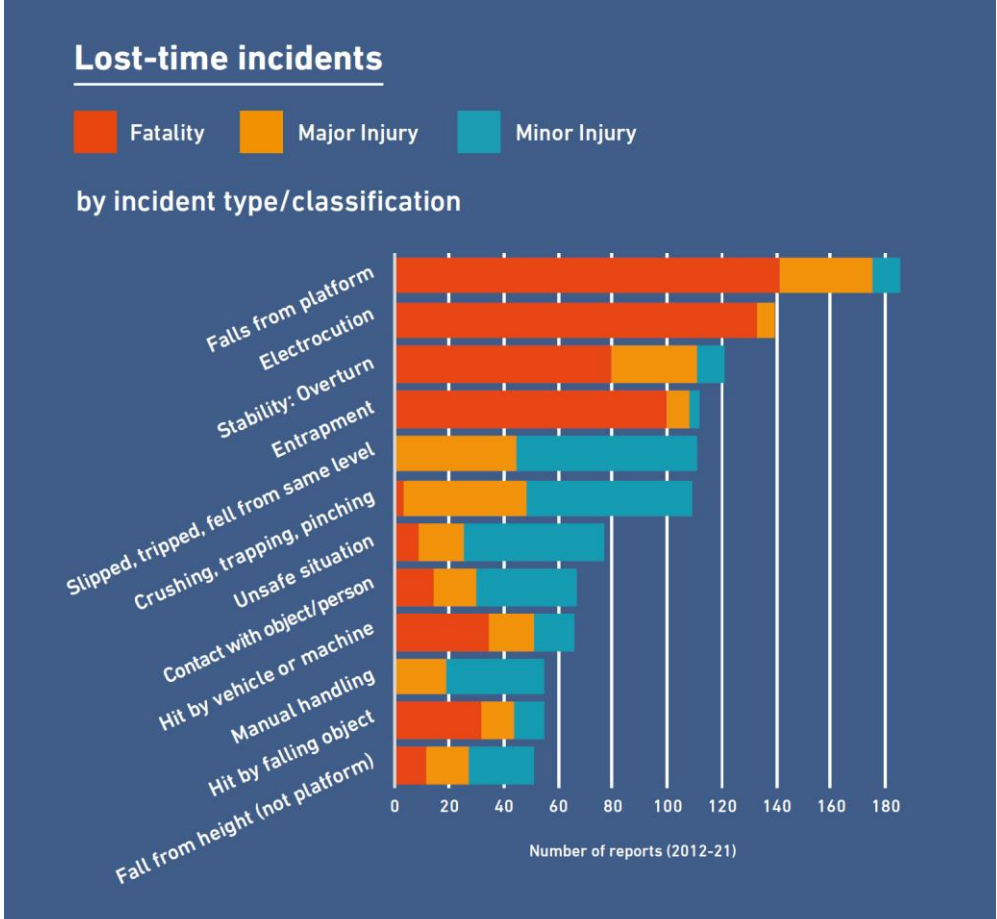
In 2023/24, **50 fatal injuries** were due to falls from a height

36% of all worker deaths over the year.

1b MEWPs were the most common type of equipment for falls from the platform in both 2023 and 2022.

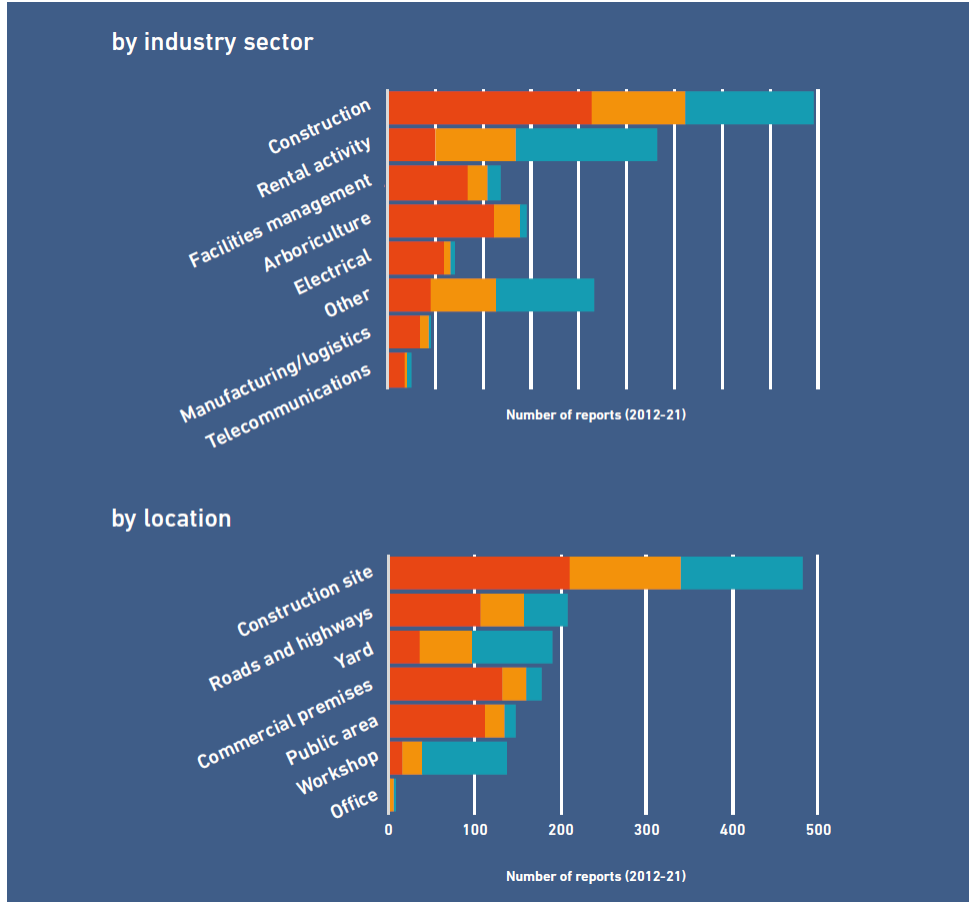


SOURCE: IPAF Global Safety Report 2023 <https://www.ipaf.org/en-gb/resource-library/ipaf-global-safety-report>



Incident classifications

10 year



2022

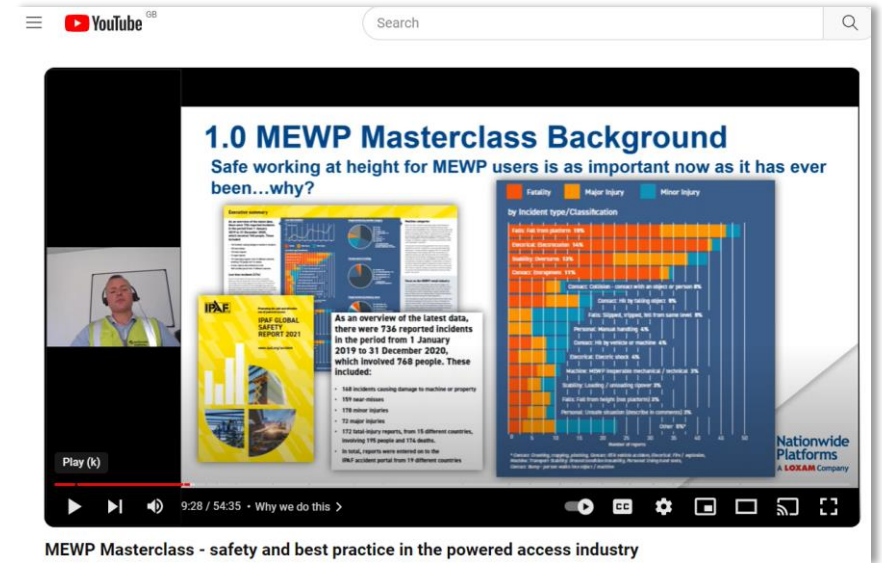




**Key measure to
working at height
safely**

Understanding Risk

- **On Site Support & Advice**
 - Handovers & Familiarisations
 - Surveys
- **Toolbox Talks**
 - Forums
 - Emergency Lowering
 - Pre-Use Checks
 - Risk Specific e.g. entrapment
- **MEWP Masterclass**
 - Practical or virtual
 - Ideal for all MEWP stakeholders



[MEWP Masterclass - safety and best practice in the powered access industry \(youtube.com\)](https://www.youtube.com/watch?v=...)



Guidance

Do YOU have a MEWP Policy? Does it Tackle Known Risks? Compliance?

- Our QSHE experts can help (*write, review, support, advise*)
- Plant Specifications
- Minimum Standards
- Procedure & Policy
- Definition, Clarification, Phrasing, Referencing....

Item no	CATEGORY	SKANSKA	COSTAIN	STRABAG	BEST PRACTICE
		PROCEDURE	PROCEDURE	PROCEDURE	
		MEWPs category 3b shall be fitted with an additional intelligent secondary guarding device.	MEWPs category 1b shall be fitted with an additional secondary guarding device		Costain: Training for operators in safe loading; IPAF Load and Unload Course Highways of England: MEWPs fit alarm fitted: Fire suppression in engine compartment if working in a zone of fire risk or if emergency basket to basket evacuation procedures not practical. Scissor type MEWPs's only: Harness anchorage point in scissor lift (mandatory if it is to be used whilst traveling).
			Anyone working in Boom type lift MEWPs must wear full body harness with an adjustable lanyard (when working over or near water an harness should not be worn due to the risk of drowning). In these circumstances a life jacket should be worn.		
		MEWPs that are being used as batteries as there is no risk of oil spill up of exhaust to the work area			

Plant & Equipment Specification
MEWP – Tracked Boom Lift

Typical illustration

Core requirements

- MEWPs specific Working height
- Environment
- Engine minimal Emission Standard in Central London

Mandatory Requirer

- Allowed to be brief
- People 8 overhead
- Be sign
- Work up
- Complete
- Comply
- Have a 0 to work
- Report
- Able to
- Always o
- with man

Plant - general

- Must be compliant with EC Machinery Directive 2006/42/EC and supplied with a declaration of conformity
- Evidence of Pre-hire inspection
- Evidence of regular inspection plus "next service and or inspection due" date sticker
- Operator instructions must be on the machine
- All safety decals in place and legible

Plant - specific

- MEWP power source/engine type as requisitioned
- 6 monthly LOLER thorough examination certificate
- Must be compliant with BS EN 280
- Full Handover instructions for the operator including emergency lowering familiarisation
- Flashing amber beacon
- Travel movement alarm to be fitted working and audible
- Isolation switch with key
- Operating control functions clearly marked
- Maximum permitted wind-speed for safe operations must be displayed
- Outriggers/tracking loading details should be available
- Must have secondary activation capability to prevent involuntary movement (Foot switch, deadman button etc.)
- Keys must remain in the ground control key switch at all times when the scissor is in use

Operator - g

- Allowed full induction prior to starting work
- Be briefed on the site specific Plant, Vehicle and People Management Plan (PMP) and check for overhead obstructions and hazards
- Be signed onto the appropriate Safe System of Work documentation for the task
- Complete Pre-use check checklist/inspection
- Comply with Pre-use and Control Restoring System
- Have a competency assessment prior to being put to work – be familiar with machine
- Report all unsafe conditions
- Able by specific BB Company policies, procedures and permits
- Always operate the equipment in accordance with manufacturer's instructions / recommendations

Plant - specific

- MEWP power source/engine type as requisitioned
- 6 monthly LOLER thorough examination certificate
- Must be compliant with BS EN 280
- Full Handover instructions for the operator including emergency lowering training
- Flashing amber beacon
- Travel movement alarm to be fitted working and audible
- Isolation switch with key
- Operating control functions clearly marked
- Maximum permitted wind-speed for safe operations must be displayed
- Outriggers/tracking loading details provided and ground bearing pressure required
- All scissor lifts must have shrouded controls which limit the risk of entrapment/crushing through sustained involuntary operation
- Keys must remain in the ground control key switch at all times when the scissor is in use

For any clarification or more information regarding this type of equipment please contact the Sheffield Centre of Excellence on 0870 8444888.

Plant & Equipment Specification
MEWP – Self-propelled Boom Lift

Typical illustration

Core requirements

- MEWPs where the vertical of the load may be within working height.
- Environmental req: Engine minimum must be European Emission Class Regulations in Central London

Mandatory Requirements

- Allowed full induction
- Be briefed on the site specific Plant, Vehicle and People Management Plan (PMP) and check for overhead obstructions and hazards
- Be signed onto the work documentation
- Complete Pre-use
- Comply with Pre-use
- Have a competency
- Able to
- Report all unsafe conditions
- Always operate the equipment with manufacturer's

Plant - general

- Must be compliant with EC Machinery Directive 2006/42/EC and supplied with a declaration of conformity
- Evidence of Pre-hire inspection
- Evidence of regular inspection plus "next service and or inspection due" date sticker
- Operator instructions must be on the machine
- All safety decals in place and legible

Plant - specific

- Must be compliant with BS EN 280
- Power source/engine type as requisitioned
- 6 monthly LOLER thorough examination certificate
- Full Handover instructions for the operator including emergency lowering training
- Flashing amber beacon
- Travel movement alarm to be fitted working and audible
- Isolation switch with key
- Operating control functions clearly marked
- Maximum permitted wind-speed for safe operations must be displayed
- Outriggers/tracking loading details provided and ground bearing pressure required
- All scissor lifts must have shrouded controls which limit the risk of entrapment/crushing through sustained involuntary operation
- Keys must remain in the ground control key switch at all times when the scissor is in use

For any clarification or more please contact the Sheffield:

Plant & Equipment Specification
MEWP – Vehicle Mounted

Typical illustration

Core requirements

- Lorry or van mounted scissor or boom type platform to a maximum self drive working 7.5 GVW and operated up to 50m.
- Environmental requirements: If registered post Dec '13, Engine minimum with both EEV and Euro VI emission status

Mandatory Requirements

- Allowed full induction
- Be briefed on the site specific Plant, Vehicle and People Management Plan (PMP) and check for overhead obstructions and hazards
- Be signed onto the work documentation
- Complete Pre-use
- Comply with Pre-use
- Have a competency
- Able to
- Report all unsafe conditions
- Always operate the equipment with manufacturer's instructions / n

Plant - general

- Must be compliant with EC Machinery Directive 2006/42/EC and supplied with a declaration of conformity
- Evidence of Pre-hire inspection
- Evidence of regular inspection plus "next service and or inspection due" date sticker
- Operator instructions must be with the machine
- All safety decals in place and legible

Plant - specific

- When working on the Public Highway, Chapter 8 compliant beacons, reflective chevrons and "Highway/Motorway Maintenance" signage
- Must be compliant with BS EN 280
- Full Handover instructions for the operator including emergency lowering training
- Flashing amber beacon
- Travel movement alarm to be fitted working and audible
- Isolation switch with key
- Operating control functions clearly marked
- Maximum permitted wind-speed for safe operations must be displayed
- Outriggers/tracking loading details provided and ground bearing pressure required
- All scissor lifts must have shrouded controls which limit the risk of entrapment/crushing through sustained involuntary operation
- Keys must remain in the ground control key switch at all times when the scissor is in use

For any clarification or more information regarding this type of equipment please contact the Sheffield Centre of Excellence on 0870 8444888.

Plant & Equipment Specification
MEWP – Push Around Vertical (PAV)

Typical illustration

Core requirements

- A push around, elevating work platform either 110v / battery powered or manual wind up to a maximum working height of 5.5m, for use both internally or externally.

Mandatory Requirements

- Allowed full induction prior to starting work
- Be briefed on the site specific Plant, Vehicle and People Management Plan (PMP) and check for overhead obstructions and hazards
- Be signed onto the appropriate Safe System of Work documentation for the task
- Complete Pre-use check checklist/inspection
- Comply with Pre-use and Control Restoring System
- Have a competency assessment prior to being put to work – be familiar with machine
- Report all unsafe conditions
- Able by specific BB Company policies, procedures and permits
- Always operate the equipment in accordance with manufacturer's instructions / recommendations

Plant - general

- Must be compliant with EC Machinery Directive 2006/42/EC and supplied with a declaration of conformity
- Evidence of Pre-hire inspection
- Evidence of regular inspection plus "next service and or inspection due" date sticker
- Operator instructions must be with the machine
- All safety decals in place and legible

Plant - specific

- Must be compliant with BS EN 280
- Must be as requisitioned unless agree otherwise
- 6 monthly LOLER thorough examination certificate
- Full Handover instructions for the operator including emergency lowering training
- Functions to be able to be isolated using a key or physical lock as applicable
- Operating control functions must be clearly marked
- Maximum permitted wind-speed for safe operations must be displayed
- Outriggers/tracking loading details provided and ground bearing pressure required
- All scissor lifts must have shrouded controls which limit the risk of entrapment/crushing through sustained involuntary operation
- Keys must remain in the ground control key switch at all times when the scissor is in use

For any clarification or more information regarding this type of equipment please contact the Sheffield Centre of Excellence on 0870 8444888.

MEWP Training

- **IPAF Training**
 - 3a, 3b, 1b & PAL+
 - Harness Use, M4M, Demonstrator
- **Virtual Reality Simulator**
 - Renewals
 - Awareness Modules
 - Available as on-site unit or via our Mobile Training Centre





Safety training for all



Our in-house training function manages the entire process from start to finish



The largest provider of IPAF courses in the world



23,000+
delegates trained
per year



80+ courses
provided covering Working
at Height, Management
and Health & Safety

Our offering comprises of in-house certification or accredited courses.



Safety Innovations to reduce risk

Innovation milestones

COS2

2023



- Basic Secondary Guarding (SG) introduced

- Tier 1 customers mandate secondary guarding
- Secondary Guarding options adopted by key OEMs such as NiftyLift, Genie and JLG



- Intelligent Secondary Guarding launched (SkySiren® PCS™)

- Tier 1 customers mandate Intelligent Secondary Guarding
- Intelligent Secondary Guarding on Scissors



- Harness On Installed on all new booms coming into fleet.
- Harness On retro fit programme to install to all current booms ongoing 2023

2023

- IPAF Report highlighted falls from platform as common cause of fatalities



- Legislation changes come into force within industry

2009

- IPAF Report highlighted entrapment as common cause of fatalities



Market demands and changes

Driving change within the industry

Introduced
electronic
Secondary
Guarding systems

Launched range
of specialist
Material Handling
Attachments

IPAF's UK chair
since 2015

Held 12 Working at
Height best
practice forums


Virtual Reality
MEWP Training
offered

Telematics system
retrofitted across
fleet and standard
on new machines

Online account
management
service rolled out

Harness ON
intelligent anchor
point introduced

WORKING AT HEIGHT
BEST PRACTICE CONVENTION 2022

 **Nationwide Platforms**
A **LOXAM** Company

Harness ON™





COS2



“game changer”

“simple & straightforward - to understand the concept, how it works and how it will save lives”

- Peter Douglas (MD & CEO of IPAF)

-  Number 1 cause of death*
-  Captures genuine human error
-  Prevents machine movement
-  Fits any MEWP type

*IPAF Global MEWP safety report 2022

From the 1st of April 2024 Nationwide Platforms will not charge Integral any additional costs for Harness On

...and it's award-winning!



Innovative
Technology
Prize



Contribution to
Safe Working
at Height



Leading Innovation in Safety



SkySiren®

Our **award-winning** SkySiren® has been designed to stop the platform motion, whilst simultaneously **alerting rescuers**



SkySentry®

Prevents unauthorised use of machines whilst providing comprehensive information and machine **management reports**



SkyRak®

Enables fast, convenient and safe installation of materials. **Reduces manual handling** to help improve safety and efficiency



Adopted globally

Leading Innovation in Safety



SkySiren®

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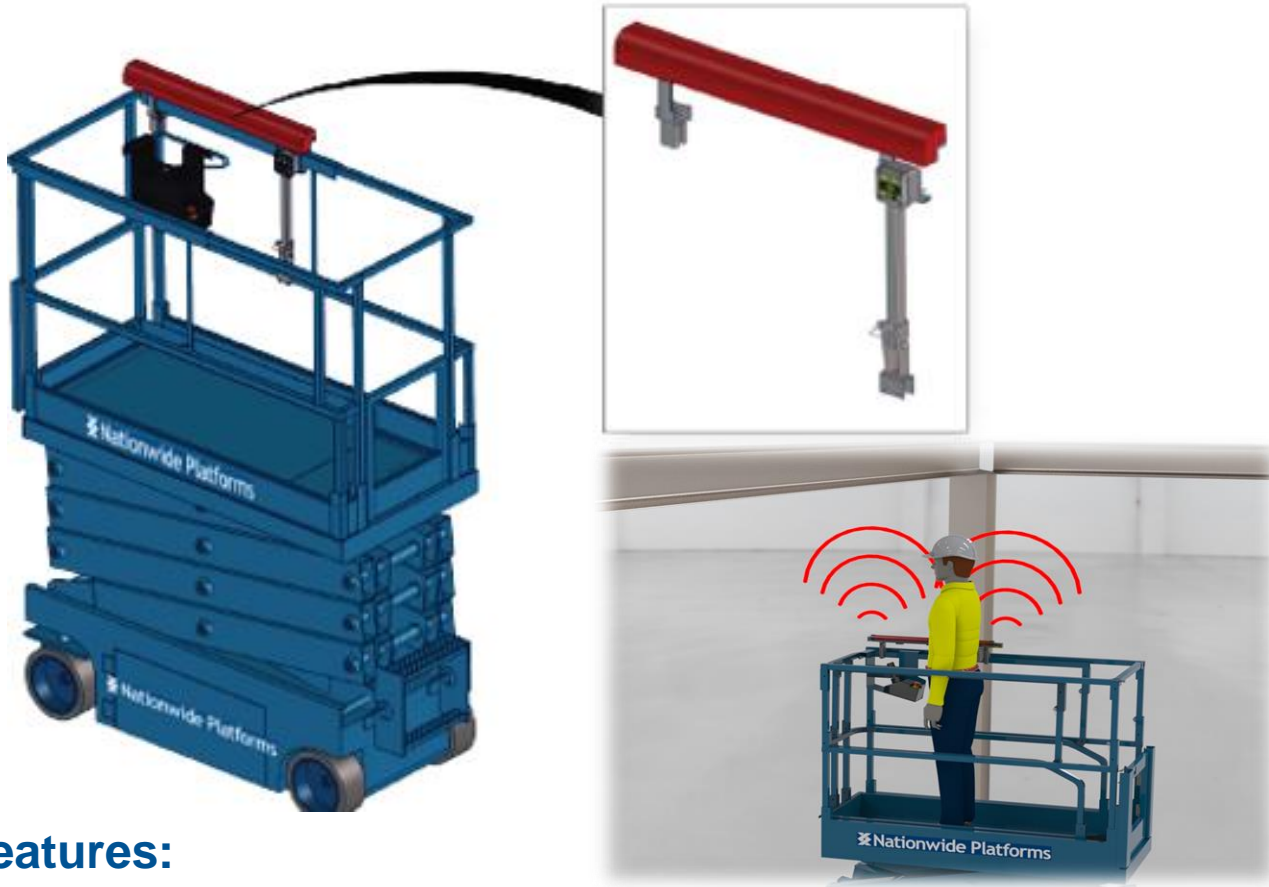
SkyRak®

Enables fast, convenient and safe installation of materials. **Reduces manual handling** to help improve safety and efficiency



Adopted globally

PCS – Scissors, secondary guarding system



Features:

- Prevents machine operation and triggers audible and visual warning upon contact
- Accidental triggers can be easily reset, reducing false alarms
- Unobtrusive – integrated into basket
- System does not conflict with ground control

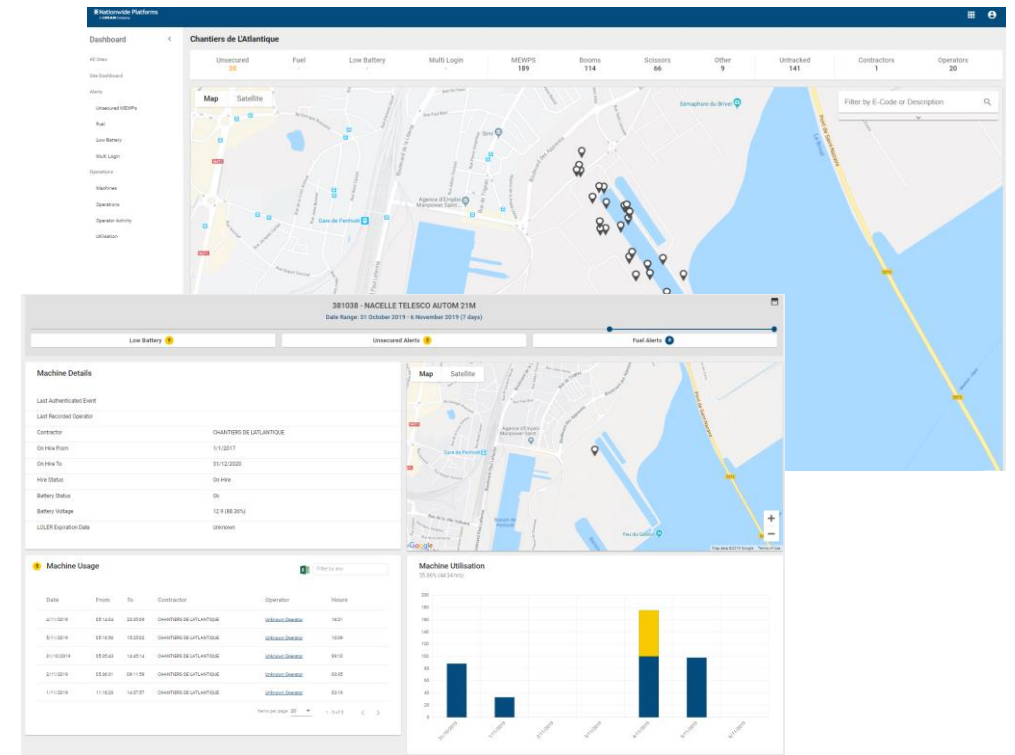
- Minimises the risks associated with entrapment
- Alerts “on the ground buddy”, enabling a swift rescue
- Promotes best practice amongst operators
- Doesn't interfere with day to day operation

Telematics

SkySentry™ is a simple and effective system that prevents unauthorised use, help reduces costs, increase productivity and improve safety.



- ✓ Ensures only authorised and trained users operate machines
- ✓ Automatically secures machine when not in use
- ✓ Prevents or allows sharing of machines dependent upon site reqs
- ✓ Confirms operator utilisation and history of use
- ✓ Management information tools to improve utilisation



World Class MEWP Standards



Any Questions



Appendix



Testimonials

“Nationwide Platforms is highly regarded within Balfour Beatty and a partner that has safety at the forefront of everything they do. Our collaborative approach means that together we are able to focus on areas of risk and implement the very best working at height practices using innovation and technology, ensuring all our people are kept safe and well on our projects. Quite simply, the service we receive from Nationwide Platforms is 1st class!”

**John F Dowling MSc CMIOSH, Head of health, Safety, Environment & Sustainability
Balfour Beatty | UK Construction Services**

““We have worked with Nationwide Platforms on numerous projects for a reason. They always go above and beyond with their service and support. Our network of sub-contractors appreciate being able to work with such a well respected and recognised brand whilst our Health and Safety teams view Nationwide Platforms as their trusted advisors when it comes to MEWP safety. The Nationwide Platforms team came up with innovative solutions to the numerous access challenges we faced here on the Darlington Project, and believe me there have been many!”

Richard Miles, Project Director, ISG