



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

**Product and process  
innovation in safety**

☎ **0345 745 0000**  
[nationwideplatforms.co.uk](http://nationwideplatforms.co.uk)

## Contents

Introduction	2
BlueSky's - Point of Difference	3
Entrapment - Secondary Guarding	4
Telematics - Intelligent Machine Management	5
Material Handling Attachments	6
Contact Details	7

## BlueSky Solutions

In a competitive industry Nationwide Platforms success depends on the quality of the service we provide our customers; the dedication of the staff; and our ability to innovate and lead the market in safe working at height.

Part of this drive for success is the industry leading innovations in both product and processes that our BlueSky Solutions research and development team provide. This introduction is intended to give you a flavour of the range of safe material handling products, innovative safe working management and reporting tools, as well as our award winning safety product.

The expertise and innovative skill of the BlueSky team allows for the development of tailored solutions to a specific customer issue working at height. The issues may be safety related; productivity related; material handling or lifting; or any operational related issues working with MEWPs.

Our Specials team also offer bespoke and tailored solutions cover all industry sectors and all business sizes. Being able to offer our customers the unique point of difference and added value continues to be key to our ongoing success and marketing leading position.

For more information please email [blueskyenquiries@nationwideplatforms.co.uk](mailto:blueskyenquiries@nationwideplatforms.co.uk)



## Nationwide Platforms Research and development team - BlueSky Solutions

Collaboration and joint planning are key to the successful implementation of major infrastructure projects. Nationwide Platforms has a very real understanding of the technical, logistical, and safety issues surrounding major projects.

To support safe, productive work at height on a range of sites and projects, our team can develop a catalogue of bespoke solutions including products, processes, and procedures to safely support the installation of heavy, awkward and bulky materials to a wide range of working heights.

To discuss your unique requirements contact Nationwide Platforms.



In addition to the extensive range of BlueSky's innovative material handling attachments shown in this document, the BlueSky team can provide expertise and advice in tackling working at height tasks, efficiently, effectively and safely.



SkyRak - material handling attachment unique to Nationwide Platforms



Bespoke solution for major infrastructure installation

# Entrapment - Secondary Guarding Solution

## Entrapment

Entrapment, also known as trapping or crushing, can occur when an operator is pinned between an object (from behind or above) and the Mobile Elevated Working Platform's (MEWP's) control panel. Since 2003, at least eight people have been killed and many injured when trapped whilst operating a MEWP.

## Causes of Entrapment:

- Reversing or elevating into an unseen overhead structure
- The boom unexpectedly bouncing, usually due to poor ground conditions, whilst operating the MEWP close to an overhead structure
- The boom unexpectedly catapulting into an object in the work space

## What creates the risk?

- Incorrect MEWP selection (e.g. too big for the work environment)
- Lack of familiarisation with the MEWP and its controls
- Poor ground conditions (e.g. because of slopes or potholes)
- Poor visibility at height
- Distractions at height
- High drive speeds / lack of care when manoeuvring

## SkySiren®

The pioneering SkySiren® secondary guarding solution is designed to both simultaneously reduce the risk of injury or fatality through crushing whilst also alerting colleagues on the ground with a flashing light and emergency klaxon.



### Attachment facts

Compatible products	
CE certified	Yes



The unique pressure sensitive system, acts as an 'emergency switch' in an entrapment situation. It is designed to react to the body pressure of an operator trapped against the boom lift's control panel.

The SkySiren® is a CE Certified retro-fit system capable of being fitted to most boom-type MEWPs.

## SkySiren™ PCS®

Skysiren PCS alerts operators to potential entrapment by detecting hazards before contact occurs. This greatly reduces the risk of reportable incidents, injury or death from entrapment.



Multiple ultrasonic sensors constantly scan the environment for potential hazards both behind and above the operator, which accident statistics have shown to be the high risk areas.

With SkySiren PCS, there is full access to the work area. No obstructive guarding barriers get in the way.

# Intelligent Machine Management - Telematics

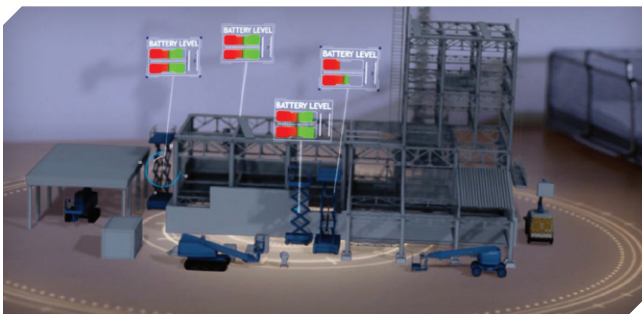
**In a busy and complex environment it can be difficult to ensure all operators are qualified and insured to use powered access. Furthermore, busy, but well intentioned and qualified operators, may fail to safely isolate machines at the end of use**

With the machine still enabled, unauthorised or unqualified personnel can access machines that they have not been trained to use safely.

Unauthorised operators have the potential to cause damage to themselves or other personnel; as well as infrastructure and equipment.

But with access to real-time data via Nationwide Platforms dashboard site managers have access to critical data on machine performance, utilisation, and location. As well as real-time data on operators and sub contractor use.

So with Nationwide Platforms Dashboard tool with data alerts informing site supervisor of a best practice infringement training needs can be identified as well as refreshers on best practice, and resulting in a safer and more efficient working environment.



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## SkySentry™

SkySentry™ is a simple and effective fleet management system designed to help you reduce costs, drive efficiency and improve safety.



SkySentry™ is a full service system designed to improve the management of your powered access fleet across multiple sites and safeguard against unauthorised use.

The system offers unrivalled access and visibility of not only who is operating a machine at any one time. But also if they are correctly trained and authorised to do so.

Using individual PIN codes or Smart ID reader, SkySentry limits the operation of MEWPs to only users that are trained and authorised. Using GPS and GSM technology historical usage data is recorded and reported via a remotely accessible SkySentry Dashboard.

This reporting function provides information that includes individual operator usage, MEWP working hours, battery levels and overall utilisation. SkySentry adds safety and efficiency to any project.



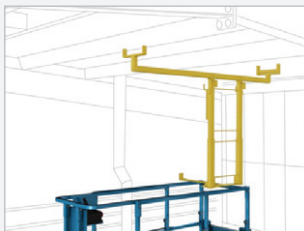
Simple to use and operate the system ensures only authorised and trained users can operate machines. Providing reporting capabilities to track usage, operators and movements allowing for more informed decisions for fleet hire and tracking of equipment across all sites you are working on.



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# MEWP Safety Attachments

## SkyRak®

Fits most small electric scissor lifts to enable the fast and safe installation of materials up to 150kg (300kg if fitted as double and MEWP capacity allows). Materials are securely fastened using the straps provided.



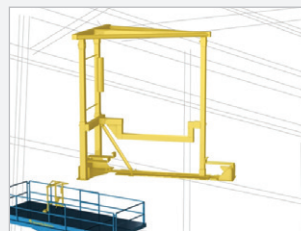
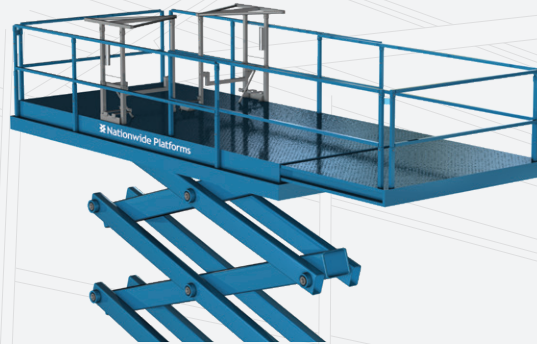
Attachment facts	
Compatible products	 
Load capacity of the attachment	150kg
CE certified	Yes



The unique design structure of the SkyRak® means the load weight is transferred to the platform floor, avoiding materials being rested on the non-load bearing hand-rails.

SkyRak® fits most small electric scissor lifts to enable the fast and safe installation of materials at height.

## SkyRakPlus®

SkyRakPlus® allows materials up to 600kg to be safely stored on most large decked diesel scissor lifts, with no weight on the MEWP handrails.



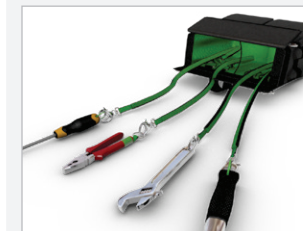
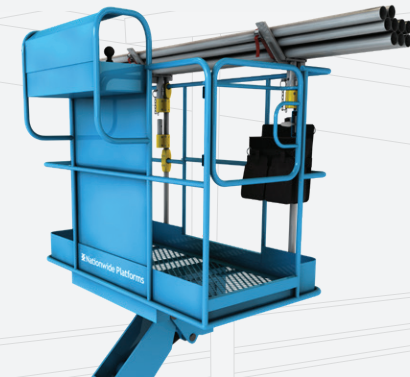
Attachment facts	
Compatible products	 
Load capacity of the attachment	600kg
CE certified	Yes


A system of adjustable pins support a wide variety of materials of many shapes and sizes including pipes, ductwork, cladding, steelwork and bus bars.

When the MEWP is in motion, the materials are secured by use of straps.

## SkyRakMulti®

SkyRakMulti® allows the safe storage of materials up to 90kg in weight. Materials are stored with no weight on the MEWP handrails. Combined with the tethered tool bag SkyRakMulti aids compliance with BS8460



Attachment facts	
Compatible products	
Load capacity of the attachment	90kg
CE certified	Yes

Whilst the boom is in operation, materials are safely secured using the straps provided which significantly reduces the risk of materials falling to the ground.

SkyRakMulti is suitable for installation to all standard Genie 6ft and 8ft "boom-type" baskets.

Integral to SkyRakMulti is the bag with its tethering system for tools.

Enquiries being taken.

# MEWP Safety Attachments

## SkyRakEdge™

SkyRakEdge™ is a lightweight material handling attachment designed to safely and securely handle scaffold tubes or lattice and ladder edge protection beams on boom type Mobile Elevated Work Platforms (MEWPs).



### MEWP Compatibility

SkyRakEdge™ is compatible with a selection of Genie booms from 45 to 85 feet, with either a 6 or 8 foot basket.

## SkyScreen™

SkyScreen™ from Nationwide Platforms is an innovation in safety which minimises the risk of injury and damage by preventing dropped objects falling from the platform basket.



Retains maximum visibility through the mesh whilst still providing dropped object protection. Provides containment for dropped objects, tools and materials down to 15mm in size.

Quickly fitted/removed on-site as required for each task.

## SkyTel™

SkyTel from Nationwide Platforms is the latest innovation in safety and efficiency, reducing the need for the manual handling of antennas in the telecoms sector.



Provides a consistent, safe method of work for the installation and removal of antennas. Easily installed and removed in minutes.

**Nationwide Platforms**

**15 Midland Court**

**Central Park**

**Lutterworth**

**Leicestershire**

**LE17 4PN**



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