

# ODIN<sup>®</sup>

*Lifeline calculation tool*



## KEY ADVANTAGES

With the ODIN report, XSPlatforms Partners can offer you a service no other supplier can:

- Full set of safety documentation, including test results & instructions.
- Assistance in fulfilling your legal responsibilities.
- Assurance the system meets your specific requirements.
- A system based on the most precise calculations in the market.
- Proof the system is in compliance with the applicable standards:
  - ✓ EN795:2012 & CEN/TS16415 (Europe)
  - ✓ ANSI 2359.6:2009 (United States)
  - ✓ CSA 2259.16-04:2009 (Canada)



Span length, the number of spans, maximum arresting force, initial deflection. These are just some of the variables that together, define the configuration of a horizontal lifeline system. System calculations are mandatory, but can be a complex activity because every project is unique. By doing them manually, there is an increased risk of miscalculations.

#### FACTORS THAT AFFECT LIFELINE PERFORMANCE:

- The surface on which it is mounted.
- The distance between the anchor posts.
- The height of the anchor posts.
- The tension of the cable.
- The distance to the roof edge.
- The number of simultaneous users.
- The available fall clearance.
- The length of the lifeline system.
- The energy absorption mechanism.



*Would you risk the safety of your workers by ignoring the importance of a precise calculation?*

## ***XSPATFORMS PARTNERS USE ODIN***

ODIN is the easiest way to guarantee the lifeline configuration you are being offered complies with the applicable standard.

To reduce the risk of miscalculations, XSPlatforms Partners use ODIN. This online tool calculates the performance of each custom lifeline system and gives a full report of the results. ODIN is exclusively available to XSPlatforms Partners and ensures them, and you, that the performance of your system meets the applicable standard.

#### ODIN CAN TEST LIFELINE SETUP COMPLIANCE TO THE FOLLOWING STANDARDS:

- ✓ EN795:2012 & CEN/TS16415 (Europe)
- ✓ ANSI 2359.6:2009 (United States)
- ✓ CSA 2259.16-04:2009 (Canada)

