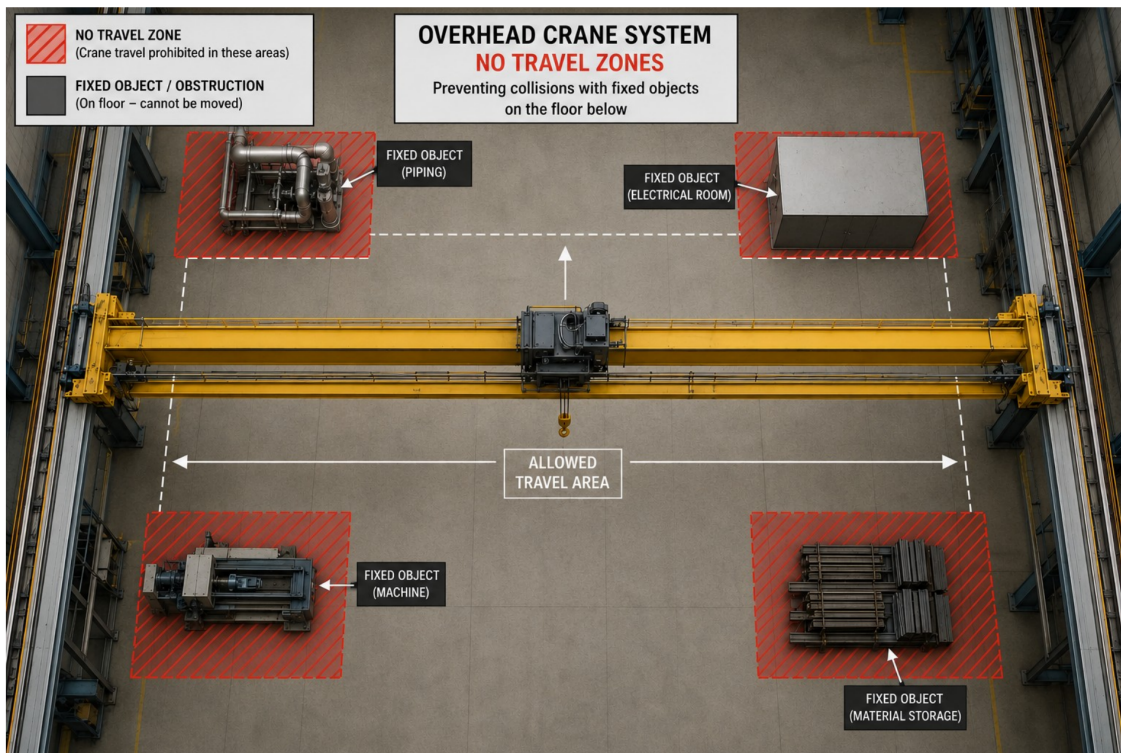


## Protect Critical Equipment. Eliminate Costly Collisions.

Not every area of a crane runway is safe for operation - fixed equipment and permanent obstacles beneath the crane can be damaged if the bridge, trolley, or load enters those areas. An IC4C **No Travel Zone** stops that before it happens.



### 1 The Risk

- Fixed equipment and obstacles sit within the crane's operating envelope
- One miscalculated move causes costly damage and unplanned downtime

### 2 How It Works

- Continuously tracks bridge and trolley position in real time
- Automatically slows, then stops, before the crane enters a protected zone

### 3 Smarter Control

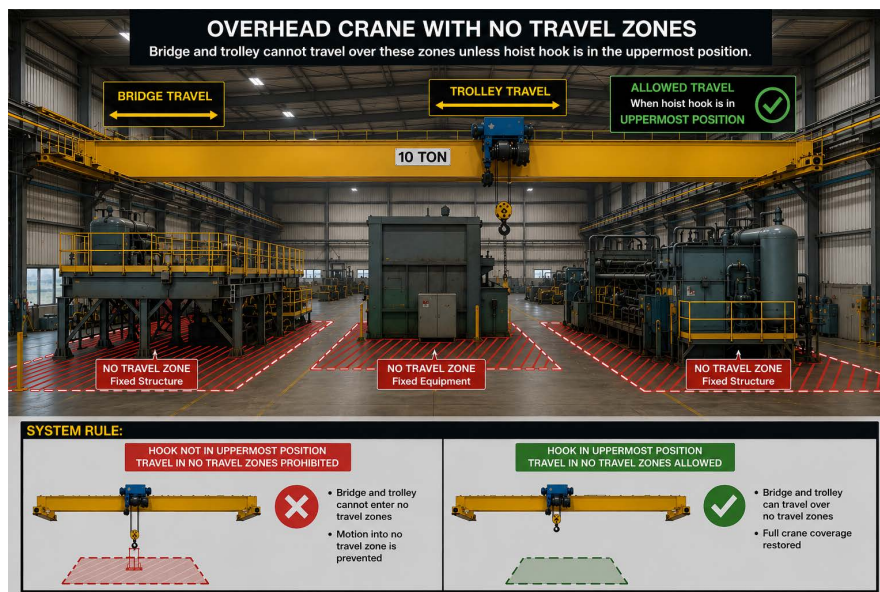
- Removes reliance on operator awareness alone
- Enforces travel limits automatically — every time, without fail

## Choose the Right System for Your Facility

Both systems continuously monitor crane position and automatically prevent the bridge or trolley from entering a restricted area. The right fit depends on how many zones you need to protect — and how often your layout changes.

| <b>Basic No Travel Zone System</b><br><i>Best for a single restricted area</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Configurable No Travel Zone System</b><br><i>Best for multiple or changing zones</i>                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Simple, reliable, cost-effective protection for one restricted zone</li> <li>• Uses proven windmill limit switches mounted on the bridge and trolley</li> <li>• Dedicated IC4C controllers calculate crane position vs. the programmed zone in real time</li> <li>• Automatically issues slowdown and stop commands before the crane can enter the area</li> <li>• IC4C on bridge and trolley, hardwired via the festoon system for maximum reliability (wireless also available)</li> </ul> | <ul style="list-style-type: none"> <li>• Built for facilities with multiple restricted areas or evolving layouts</li> <li>• Laser distance meters continuously track bridge and trolley position with high accuracy</li> <li>• The IC4C Controller compares real-time position to all programmed no-travel zones</li> <li>• Automatically slows and stops the crane before it enters a protected area</li> <li>• Zones are software-configurable - add or modify protected areas without relocating hardware</li> </ul> |

**Not sure which is the right fit?** Talk to our team - we'll help you map your facility's obstacles and recommend the right configuration.



IC4C has extra inputs for signal from hoist upper limit permitting bridge and trolley motion over no travel zones only when hook height will allow

## The Hardware

Every IC4C system is built from rugged, industrial-rated components designed for continuous duty in demanding facility environments.



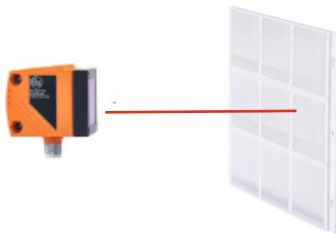
### IC4C Panel

- 14" x 10" x 6" NEMA 4X polycarbonate enclosure with controller
- 120VAC power supply and terminal strip
- Antenna included when wireless communication is applicable



### Windmill Limit Switch

- 4 positions — slow / stop in both directions
- IP67 protection rating
- Rated for two million operations
- Corrosion-resistant thermoplastic housing



### Laser Distance Meter

- Eye-safe Class 2 laser
- IP67 protection rating
- Adjustable mounting bracket
- Prismatic reflector for range up to 100m