

# Zurich SafetyNet for Construction

Zurich SafetyNet for Construction offers technology that helps enable contractors to measure the effectiveness of their safety programs, determine leading indicators of risk and identify where their next injury is likely to occur.

## The challenge

Though it may sound simple, contractors often face challenges in identifying unsafe conditions and behaviors on the jobsite.

Collecting the safety data from various jobsites is often times an inconsistent, manual process. These inconsistencies in the collection process can lead to inaccuracies in the data. The cumbersome task of manually combining and analyzing the results offer other points of failure in the overall process.

Even when data is captured electronically, contractors struggle to identify where their greatest safety risks are.

When unsafe conditions and behaviors are identified and recorded through consistent workplace observations, companies are better able to prevent or mitigate losses and keep their people safe.

## The solution

Zurich SafetyNet, a proprietary service from Predictive Solutions, enables contractors to measure the effectiveness of their safety programs, determine leading indicators of risk and identify where their next injury is likely to occur. SafetyNet assumes that many observable indicators of injuries and fatalities, if corrected, can prevent incidents from occurring.

Our predictive models transform raw jobsite data into actionable information. We predict the likelihood, frequency and location of jobsite injuries. Contractors then use these predictions to make operational changes which enable prevention. As safety inspections go up, incidents and injuries go down.

## The process

- Inspector records safe and unsafe conditions and behaviors in the field using either handheld devices (i.e. smart-phones) or document scanning technology
- Observations are assigned to approximately 24 safety categories, based on OSHA and other best practice guidelines
- Uploads the collected data to Predictive Solutions' secure SafetyNet server
- Draws real-time conclusions about future safety risks using predictive modeling and the observation data
- Allows contractors to turn these predictions into operational changes which help to strengthen their safety culture and keep their people safe

## Capabilities

- Uses leading risk indicators to reduce project costs
- Generates real-time reports that compare safety performance by region, contractor, inspector and project
- Enables benchmarking of results against aggregate data from other contractors, suggesting next steps ranging from intervention to additional employee training

## Benefits

### Enhanced safety performance

- Increases employee participation, competency and accountability in safety processes
- Establishes metrics necessary for continuous improvement
- Promotes higher-quality products, resulting in fewer injuries

### Improved margins

- Helps reduce workers' compensation and administrative costs
- Improves on-schedule performance
- Enables more consistent deployment of best practices

### Meaningful business insight

- Offers insightful business intelligence that contractors can immediately act upon
- Provides leading risk indicators that accurately predict business outcomes and prevent undetected risks
- Minimizes delays in the reporting of information

## For more information

For more information on Zurich SafetyNet for Construction, please contact your risk engineering account coordinator.

Contractors may also contact:

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## Additional resources

Predictive Solutions  
1001 Oakdale Road  
Oakdale, PA 15071-1500  
Phone: 800-991-3262  
<http://www.predictivesolutions.com>

### Zurich Services Corporation

1400 American Lane, Schaumburg, Illinois 60196-1056  
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Risk Engineering



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