



SmartTagIt's Suite of Leading Safety Indicators provides you with the actionable insights needed to reduce accidents and injuries, improve job quality and productivity, and better engage employees closest to the work.

SmartTagIt's Insights Are Second to None!

Tricia K. - American Contractors Insurance Group

Helping **Reduce Accidents & Injuries**

Collecting forms, audits, inspections, and checklists is not enough when it comes to reducing accidents and injuries. Too often these “forms” are:

- A) Lacking context
- B) Difficult to access & share
- C) Not trustworthy
- D) Unactionable

If the information collected from the field is not relevant, lacks context, is difficult to access, cannot be trusted, or is not actionable, then it is **largely useless when accomplishing the primary goal of protecting those closest to the work.**

Eliminate the old ineffective ways of collecting information from the field by transforming your workplace processes so they provide clear actionable insights and leading safety indicators.

Our simple yet effective approach is made available to everyone on your team. Safety professionals, senior operational leaders, and field crews can all access their suite of leading safety indicators in real-time—or engage in the deep dive analysis that enables you to tease out the risk factors which matter most to your team.

SmartTagIt Approach to **Data Analysis** and Action

Over the past two decades, our customers have proven that the information you collect must be presented and viewed differently depending on what you are trying to do and when you are trying to do it.

In some circumstances, you only want the immediate raw data summarized at the highest level. In others, you need a Predictive Model to analyze all of your information and help you prioritize what needs attention first.

Regardless of the case, SmartTagIt is here to meet your current and ongoing needs.

Below is a summary of four different ways our application helps organizations use the information they request from their teams to reduce accidents and injuries.

SmartTagIt Approaches Leading Safety Indicators Differently

Instant Feeds - Alert Notifications & Simple Visual Summaries pushed to Your Device

Safety System Summaries - Custom & “At a Glance” Dashboards indicate the Health & Vitality of your Safety Systems

Business Intelligence Suite - Over 15 Different Templates and Hundreds of Configurations to indicate Users, Teams, Projects, Sites, Culture, Engagement, and Hazard Enterprise Health

Predictive Modeling - We help You Build Your Own Predictive Models. SmartTagIt applies the latest in Machine Learning Technology, Natural Language Processing, and Computer Vision Techniques on any Structured or Unstructured Data—including Data from your Other Systems

SmartTagIt Does B.I. and Leading Safety Indicators Better

1. SmartTagIt – Exactly What You Want Delivered, When you Want It

The speed and accuracy in which worksite hazards are addressed is influenced by how difficult it is to collect information, and how difficult it is to view that information after it's been collected.

When either process is too hard, it makes taking action problematic and hinders productivity.

How it Works:

Imagine Instagram, Facebook or Twitter for Safety Information

Users post a safety observation in SmartTagIt in less than 30 seconds. When someone posts information, it is then immediately pushed to the rest of the team's live feed for action, review, follow up, and analysis. This allows teams to receive the information they need in the quickest and simplest way possible.

SmartTagIt supports all critical Safety Systems from the simple to the complex. This includes everything from audits, inspections, forms, permits, job hazard analyses (JHAs), and Pre-Task Planning (PTPs), to observations, notifications, comments, tagging, and anything you need to get work done and keep those closest to the work out of harm's way.

There are no extra steps, no reports to run, no misplaced downloads, and no emails to decode. **Field teams simply open their devices and all the information they need is available and organized for them.**

2. SmartTagIt – “At a Glance” Health Indicators for Your Critical Safety Systems

Already have Safety Systems and Safety Processes to reduce accidents & injuries?

Perfect. SmartTagIt provides a simple and easily accessible customized dashboard to view the health of all your systems and let you determine where you want to dive deeper. Whether it's data on engagement, high hazards, SIF's severity, work trends, quality of information shared, or even something new you have imagined—**you'll have access to it all.**

How it Works:

The SmartTagIt team understands how good Safety Systems operate.

We start by making sure the information you are collecting will actually allow you to make the decisions you want to make. Then we help you organize your Safety Systems in a set of dashboards that can be extremely precise; ranging from presenting variances in questions and answers on an hourly basis, to more general reporting like the weekly trend of engagement in a particular process over time.

Lastly, we let you deploy these dashboards across your organization AND give your stakeholders the opportunity to further **customize indicators and their specific requirements—such as regions, divisions, locations, specific projects, users, and more.**

3. SmartTagIt – Custom Business Intelligence Suite

Take it a step further.

Once your Safety Systems health indicators are in place, you may want to take the extra step and go deeper in designing your own custom Leading Safety Indicators.

Perhaps you want to look at indicators both leading (Safety System Health) and lagging (Accidents, Injuries, Types of Injuries) together. Maybe you have information from another system that you want to integrate with your audits, observations, or inspections.

As you continue to add environmental sensors, cameras, or IoT devices to a site, you will want that information visualized and integrated. Not a Problem. You name it and SmartTagIt will integrate it for you.

How it Works:

The SmartTagIt Enterprise Application is integrated with the World's Leading Business Intelligence Application.

Our B.I. solution comes with built in integration API's and dozens of business intelligence features—including temporal reporting of live sensor data—and countless new ways to monitor and report the leading and lagging indicators of any given safety system.

These features connect worker behaviors to results, inform business decisions, and move projects forward with confidence.

4. SmartTagIt Predictive Modeling

It is time for safety technology and algorithms to go to work for you.

You have leading indicators, you have lagging metrics, your information is in five different places tracked over five different time frames. But what does it all mean?

Understanding how everything all relates to one another, and how to leverage this information to predict future outcomes and priorities, is key to reducing accidents and injuries.


Our founder started using safety information to accurately predict at-risk job sites over ten years ago. After looking at over 1 Billion pieces of safety information, and tens of thousands of incidents, we have learned a couple things that will save you some time and money.

How it Works:

The SmartTagIt team will work closely with you and your organization to achieve exactly what it is you are trying to predict, order, prioritize, and better understand.

Our on-hand data science team will help you automate the integration of your various systems, clean up your data, and get it ready for analysis. Additionally, we will design and test your models to ensure reliability and confidence in their performance. Have sensors, wearables, unstructured video, or images you want included in the model? We'll do it all and get everything working at its peak.

Even after deploying SmartTagIt with your team, we want to ensure your Safety System provides everything you need it to. To make sure that happens, we will remain available to continue monitoring, training, and improving your custom model as your data and your business scales.

			
Report Types	What Do they Do?	How can they be Used?	Additional Uses
Daily/Weekly/Monthly Cumulative User Activity Trends	Activity Trend Line charts track worker engagement over a selected period of time.	Compare workers daily reporting activity with worksite data to track how SmartTagIt engagement improves worker awareness and jobsite safety.	Reward employees who demonstrate high-engagement, and learn who needs more encouraging.
# Hashtag Reporting	Track, organize, & compile hashtags in worker reports and messages, along with the conditions in which they were sent.	Discover what on-the-job hashtags are used most often, how they are relevant to worksite concerns, and how they are being addressed.	Uncover insightful trends in worker communication habits to address weaknesses and strengths in their team coordination.

@ Messaging Reporting	Track, organize & compile messages that are sent to users and groups, and the frequency of information shared.	Evaluate what workers are communicating about the job to determine if that information is important or unimportant.	Ensure those closest to the work are focused on the tasks and communications relevant to them. Allows for encouragement of productive communications.
Question and Result Comparisons	Track, organize, & compare data between the questions and answers being asked in daily planning processes, as well as the workplace effects they have.	Monitor scale Q&As to highlight the frequency of specific concerns, and address field awareness where it's needed most.	Determine how pre-task planning methods are being interpreted to enhance team guidance.
Question and Answer Reporting	Track the questions being asked, whose asking them, and the responsiveness to those questions.	Review patterns in reported safe and unsafe observations to quickly discover, and address, all of their biggest contributors.	Reinforce positive Q&A and ensure those discussing questions actually understand the context of what's being asked.
Picture and Video Media Reporting	Track, organize, & compile all uploaded media for a given project, and its information, under a single grid.	Gain visual context for the work, such as environmental conditions & hazards, videos of daily planning practices, pictures of project progress over time, worker recognition, and more.	Use media to provide proof of job progress and train workers with recorded examples of correct and incorrect work practices.
Task Location Reporting	Task Location Reporting uses Google Maps to display location updates, and pinpoint where the observations are being made.	Post notes regarding specific site locations such as traffic updates, equipment and material delivery areas, or jobsite meeting locations.	Discover trends in different worksite locations to address time-wasting roadblocks and create more effective workflows.
Summaries of Inspection and Observation Information	Assess observations across all projects, including which employees observed what worksite conditions, what actions were taken, if there are open issues, and all relevant comments.	Review comprehensive overviews of all inspections and observations to identify overlying safety hazards and reveal the best corrective actions for each worksite.	Share formatted reports that are automatically organized for thorough record keeping, job summary reporting, and maintaining OSHA compliance.