SafetyNet 9.0 Release Notes and Enhancements Summary

We are excited to share with you the new functionality in the SafetyNet 9.0 release. The theme for this release is “getting beyond data collection.” Several enhancements have been made within SafetyNet that make it easier for customers to turn their data into actionable information that can be communicated across their worksites to predict and prevent workplace injuries.

Enhancement Highlights

- **Enhanced reporting and analytics** – While all existing reports are still available, the configurability and features of the reports have been expanded to make them less static. Two new reports/features (Trending and Ad-hoc Analytics) have also been added.
- **Enhanced Red Flag Prediction Model feedback** – Users will receive more detailed feedback as to why their projects or locations are red-flagged by the predictive model.
- **Expanded browser compatibility** – All major Internet browsers will now be supported including Safari, Chrome, Firefox, and Internet Explorer.
- **Expanded organization hierarchy** – Complex, multi-level organizational structures can now be supported.
- **New “look and feel”** – The color scheme and some navigational elements have been updated to give SafetyNet an enhanced “look and feel”.

More detailed information on each major enhancement is included in this document. To skip directly to the details associated with one specific enhancement, simply click on the enhancement in the bulleted list above.

For supporting information on the release, please visit our Learning Center at [http://www.predictivesolutions.com/learning-center/](http://www.predictivesolutions.com/learning-center/) where you will find user guides, video tutorials, training webinars, and other information on these new enhancements, as well as existing functionality. Check back frequently to view updates made to the Learning Center before and after the release.

You can also contact your Predictive Solutions representative and/or the Predictive Solutions support team to learn more about SafetyNet 9.0.
Enhancement Details

Enhanced Reporting and Analytics

Although significant changes to the functionality of our reporting suite have been implemented, these changes have been made in an evolutionary fashion so that the impact to SafetyNet users is minimized. As a result, a user can still access EVERY existing report from the previous version of SafetyNet and each of these reports will return the SAME information as was returned previously. If the user does not engage with the new functionality, the content of each report will be exactly the same as it would have been in the previous SafetyNet version.

However, nearly all of the SafetyNet reports (excluding the Comparison Report, Detail Report, and the Summary Report) will now return information in a much more configurable “grid”-like format rather than the existing static HTML format. The grid looks and functions, in many ways, very much like Microsoft’s Excel application. Rather than being constrained by the static nature of the old reporting suite, users will now have the option to configure and customize the existing SafetyNet reports in nearly limitless ways. For instance, SafetyNet users will be able to:

- “Drag and drop” columns and data elements within a report
- Add and remove columns and other data elements to and from a report
- Group and sort data elements, at several levels, within a report
- Add formulas and computations to create new user-defined metrics within a report on the fly
- Add summary rows to user-defined data groupings
- Filter out unwanted data based on user-defined filtering rules
- Highlight certain data elements using colors and symbols based on user-defined rules (similar to “conditional formatting” in Excel)
- Create up to three charts and graphs (in any of the following formats: bar, column, line, area, pie, radar, and doughnut) on nearly any data elements in a report on the fly
- Save, load, and export favorite views of reports after user-defined configuration

In addition to the above functionality, two new reports/functionalities have been added to the reporting suite:
- Trending – Allows the user to create trend graphs and charts of certain data elements over time both within an existing report or in a new, user-defined Trending Report

- Ad-hoc Analytics – Allows the user to completely customize a new report on the fly across one of several data categories

Below are some screen shots of some of the new reporting and analytics functionality.

Here is the new “grid” functionality in the Observer Summary report. Note that regardless of the new grid functionality, the report returns the exact same columns of information as was returned in the existing Observer Summary report. If the user changes nothing in this report, they will see the same information as they saw prior to the release of SafetyNet 9.0.

However, now the user has the opportunity to configure and customize the report and the information to their liking. The new grid look and functionality is circled in red. Notice the “formatting” toolbar located in the upper right section of the red circle – the toolbar provides immediate, one-click access to much of the new functionality. To “drop and drag” columns, users simply click on the column header, hold down the mouse button, and drag the column to the new, desired location.
Additional functionality is accessed by simply right-clicking on a column (see the red circled area). Here, users can add and remove columns, sort, group, summarize, freeze, chart, and create formulas using the data in the report.

Key data elements can now be highlighted by colors or icons within a report based on user-defined rules using the highlighting pallet within the toolbar. Graphs and charts can also be developed on the fly, within any of the reports supporting the new grid functionality.
Enhanced Red Flag Predictive Model Feedback

Many customers get tremendous value from our Red Flag Predictive Model. SafetyNet 9.0 adds functionality that will provide feedback to customers when they get a red flag in SafetyNet. First, customers will be alerted as to which of the “Four Safety Truths” is driving the increased risk that caused the red flag to occur. Next, specific data from your SafetyNet instance will be included to support the Safety Truth. Next, some other reports within SafetyNet that should be consulted are also listed. Finally, a few other “suggested actions” are listed regarding things you should consider in trying to prevent the predicted incident(s) from occurring.

A screenshot of this new information is attached here:

![Safety Truth #1: Too Few Inspections](image)

**Observer Summary Report** - Use this report to determine who eligible SafetyNet Observers are and determine who is and is not participating in your safety observation program

**Inspection log** - Use the Inspection log to view the inspections conducted at this location

**Suggested actions:**
- Establish and communicate inspection goals for project team members (setup in SafetyNet)
- Increase the frequency with which inspections are conducted
- Increase the number of inspectors at this location

Expanded Browser Capabilities

SafetyNet now supports all the major Web browsers. While all browsers listed below have been fully tested on desktop and laptop computers, they have not been fully tested on handheld phones and tablets. This additional testing will be completed in our next SafetyNet release. However, in early testing results, SafetyNet is performing well on these newly supported browsers on most handheld phones and tablets.
Expanded Organizational Hierarchy

SafetyNet will now support nearly unlimited levels of organization hierarchy. This is especially helpful for companies with highly matrixed and/or complex business reporting structures. This enhancement is not directly accessible by customers/end users so if you are interested in updating or expanding your hierarchy in SafetyNet, please consult your Predictive Solutions representative.

New “Look and Feel”

We have “re-skinned” SafetyNet with a slightly updated color scheme and “look and feel” in order to bring the application in line with the latest theory around optimal user interface (UI) interaction.
Here is a screen shot of the Dashboard. Notice the new colors, formatting around headers, and a general update to the UI.

Here is a screenshot of the online “Add Inspection” screen. Notice similar updates to colors, borders, etc.