

# TapRooT® VI Software Quick Start Guide

TapRooT® Technical Support:

Monday – Friday: 7am – 6pm EST

Phone: 001 (865) 357-0080 Email: support@taproot.com



## Software – Process Flow

- Two available Process Flows; "Basic" or "Major"
- The user can toggle between the two based on their needs
- "Basic" can be used for Low- to Medium-Risk incidents and uses a simplified TapRooT® Process Flow
- "Major" can be used for High-Risk incidents needing a full investigation using the full TapRooT® 7-Step Process Flow



## Software – Basics

- The software automatically saves changes that are made on each and every screen removing the need for "Save" Buttons
- Tools such as SnapCharT®, the Root Cause Tree®, and the Corrective Action Tools are brought up in a new window. The main application window will remain open in the background
- The optional TapRooT® techniques are now accessed from inside the SnapCharT® rather than the process flows (optional techniques are not covered in this document)
- The user has options for "SMARTER" or "Simple" corrective action tools



# Accessing TapRooT® VI

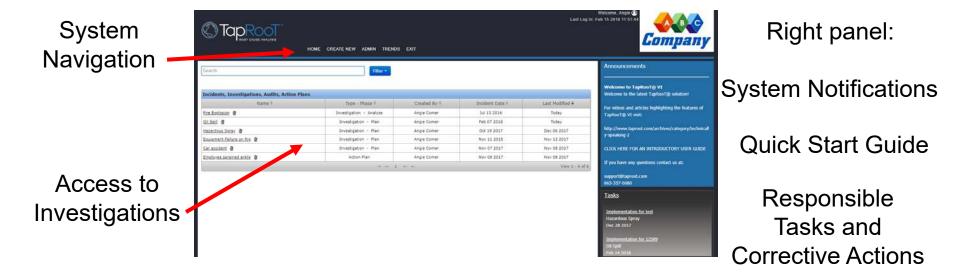
- The application is Web-based and can be used with all major browsers (Chrome, IE, Firefox, Safari) from either a PC or Mac platform. You can also use on mobile devices
- The user will first have to log in by entering the URL for the software and then inputting the username and password

Taproot Cause Analysis			
	User Name enter username  Password enter password  Sign In	Forgot User Name or Password	
<b>⊚</b> c	opyright 2018 System Improvemen	nts Inc. All Rights Reserved.	



# User Landing Page

- After Login the user can see and access any investigations or action plans entered
  - This provides access to all Navigation and System Functions





# Creating an incident

Select the Create New Menu at the Top of the Page



- You have the following options
  - Create an Incident (without TapRooT® Investigation) for tracking
  - Create an Incident with Investigation (most likely)
  - Create an Audit
  - Create an Action Plan to track fixes independent of an investigation



#### Creating an incident with investigation

Choose your selection from the menu:



 You will now be prompted for some basic information (Name, Date, Time, Location and Classification,

Summary)

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Incident Time		0		
Location*	Ø 0			
Classification*	90			
Summary				

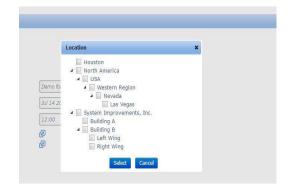


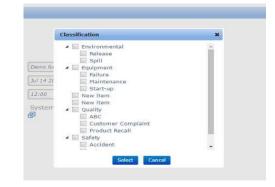
#### Creating an incident with investigation

 Type the Incident Description in the Name Field select the Date. Simply click in the date field and you will receive a Calendar to select the Date



 Next select both a Location and Classification by selecting the symbol next to either title

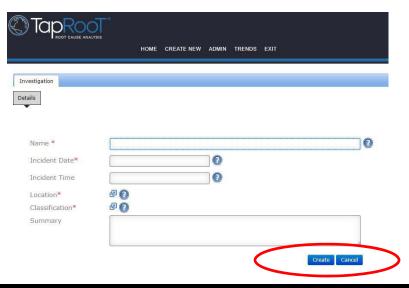






#### Creating an incident with investigation

- Put a checkmark by the appropriate Location and choose the Select button. Perform the same operation for the Classification item. (Classifications will allow you to select multiple items)
- Next Enter a Summary (Executive Summary) to describe the incident with details
- To finalize the process select the Create Button at the bottom of the Screen
- Locations and Classifications can be added from the admin tab





#### Navigating during your investigation

Once you have created an investigation you can now perform additional functions





Add Team Members, Attachments, Use the TapRooT® Tools to Investigate and Create Corrective Actions, Produce Reports. There is also the ability to create Custom Tabs (not covered in this document)

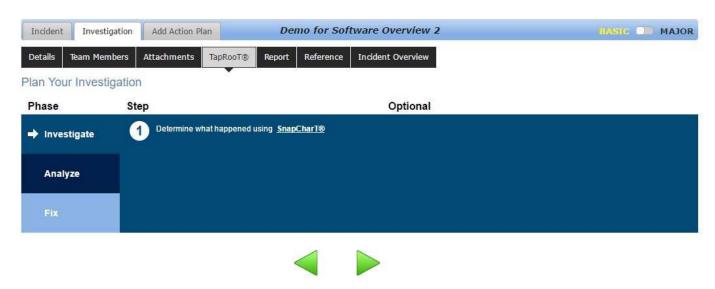
Let's Select the TapRooT® Tab to begin our Investigation





#### Perform the Investigation

- The first step is to decide on either a Basic or Major Investigation (as described earlier in this document) using the selector in the upper right corner of the TapRooT® tab screen
- For this document click on the selector to change it to Basic providing the Basic TapRooT® Model Shown below:



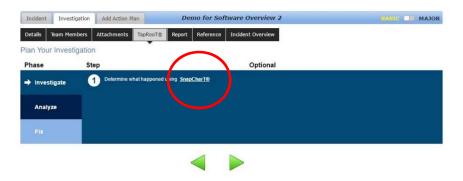


# Finding out "What Happened"

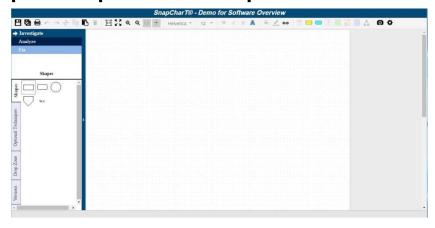


#### **SnapCharT®**

 The first technique we are prompted to use is the SnapCharT® to document all the data we are collecting. Select the SnapCharT® Link in step 1



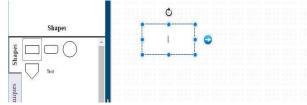
This will open up the SnapCharT® Editor



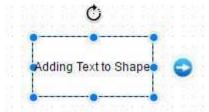


#### Adding Shapes and Text

 To begin, select a shape from the shapes tab and either click and drag the shape on to the chart, or select the shape and then double-click on the chart to add the shape



 You can then immediately begin typing text into the shape. When done with the text repeat the same functions to add additional shapes

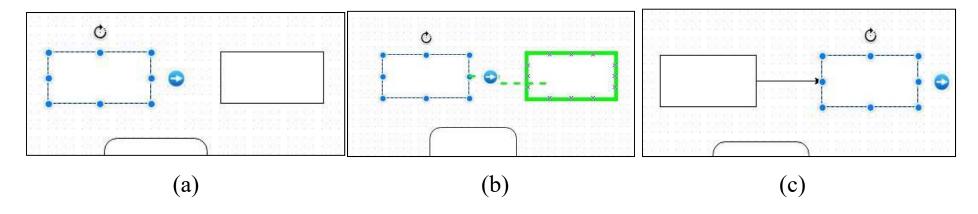


- The chart will grow to the right and down as shapes are added
- To remove a shape, click on it and hit the "delete" key on keyboard



#### Connecting Shapes

 To Connect shapes, click on the Blue Arrow to the right of the Shape you are connecting from (a) and drag (b) from that shape into the shape you are connecting to, then release to connect the shapes (c)

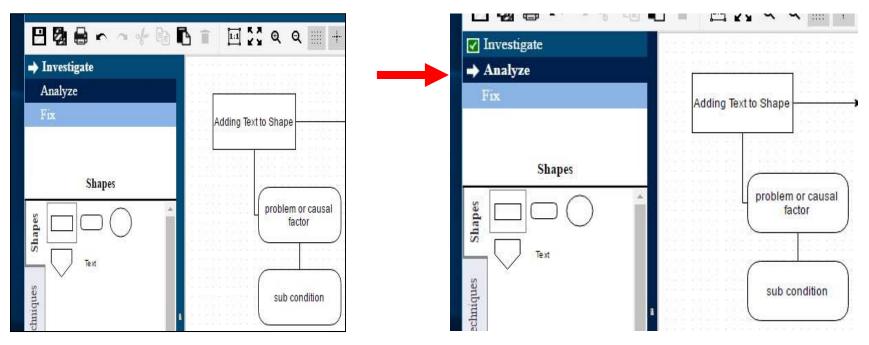


 To remove a line, simply click on it and hit the "Delete" key on your keyboard



## **Creating Causal Factors**

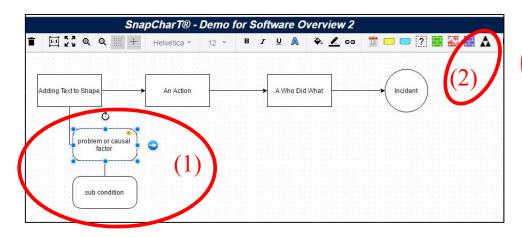
 Once you have completed your SnapCharT® and are ready to mark your Causal Factors you will need to change the phase of the investigation from "investigate" to "analyze." This can be done in the upper left corner of the SnapCharT® window by clicking on the word "analyze"





## **Creating Causal Factors**

- Now you can identify Causal Factors on the SnapCharT® by using the Causal Factor symbol
  - First select the shape that is one of your Causal Factors by clicking on the shape (1)
  - Select the CF symbol icon in the upper right (2)
  - Now the shape will be marked as a Causal Factor and recognized by the application as needing a Root Cause Analysis (3)





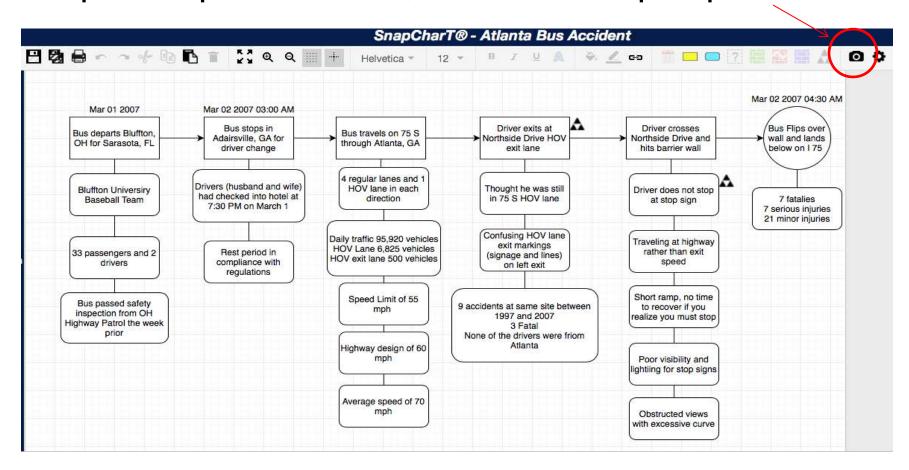
# TapRoot Completing Your SnapCharT®

- Next Identify any additional Causal Factors through the same steps
  - The application automatically saves each change you make so there is no need to manually save your chart
- To return to your investigation and analyze with the Root Cause Tree® for each Causal Factor simply close the SnapCharT® window by clicking the "X" in the upper right corner or simply minimize the window to find the application window



#### Taking a picture of your SnapCharT®

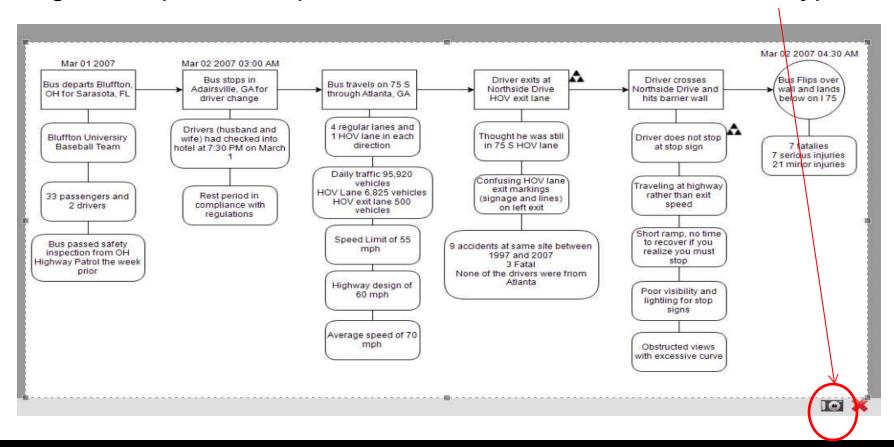
To take a picture of your SnapCharT® for your report or presentation, use the "SnapCaps" feature





#### Taking a picture of your SnapCharT®

Once SnapCaps opens, highlight the part of the chart you want and click the camera below the picture. This will save in the attachments tab of the software and can also be used in the "Reports Builder." You can give the picture a specific name or save it as a "common type"



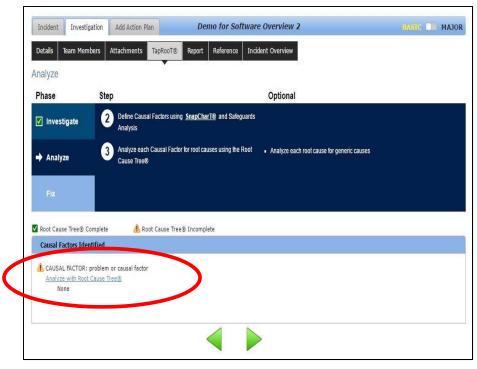


# Finding out "Why"



#### Root Cause Tree®

Root Cause Tree®s are created for each Causal Factor allowing you to analyze for Root Causes



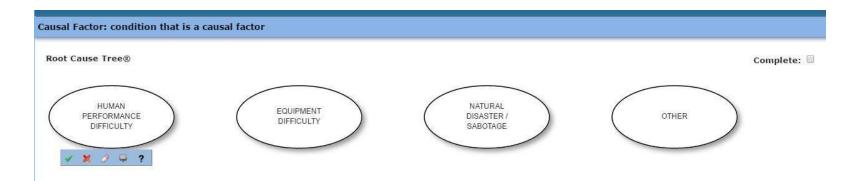
In the Causal Factor Section at the bottom of the screen, click on the "analyze with Root Cause Tree®" link on the Causal Factor you are going to analyze to get to the Root Cause Tree®



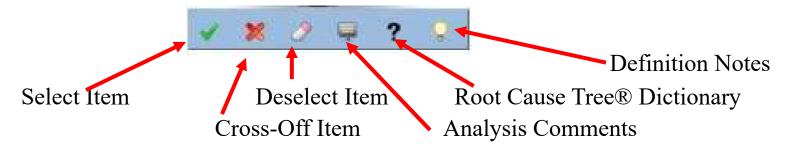
On the following pages we will show the analysis using the "Tree View"



#### Root Cause Tree®



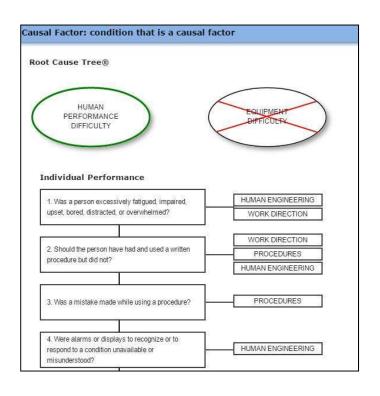
You will start at the top of the Root Cause Tree®. As you hover over each item you will get a tool bar to access the different options for that item:



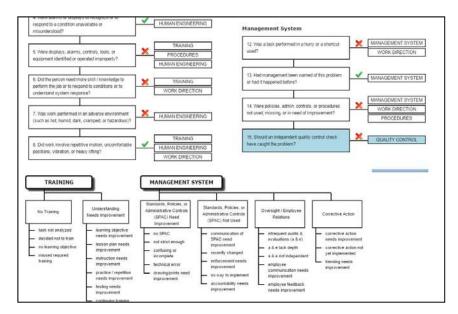
Each selection is related to the item you are working on analyzing.



#### Root Cause Tree®



As you select different items as "Yes" or with the green checkmark, different areas of the Root Cause Tree® will open up below



You work your way through all the areas of the Root Cause Tree® that are presented to you based on the analysis you are performing on each Causal Factor basing your answers on the data contained on the SnapCharT®. A Summary of your Root Causes will be presented at the bottom of the screen. You can then also perform Generic Analysis (not shown here)



# Building the "Fix"



### Creating Corrective Actions

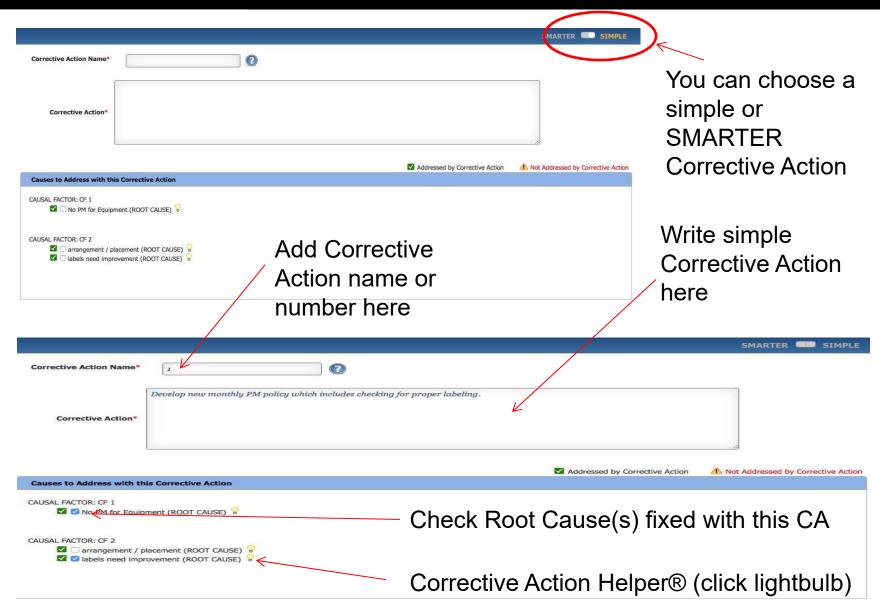
 Once you have analyzed all of your Root Cause Tree®s and marked them as complete (upper right corner of each Tree) you will move into the "Fix" phase in the main application window



 From here you can select the "Add Corrective Action" Link in the center of the screen to create a corrective action



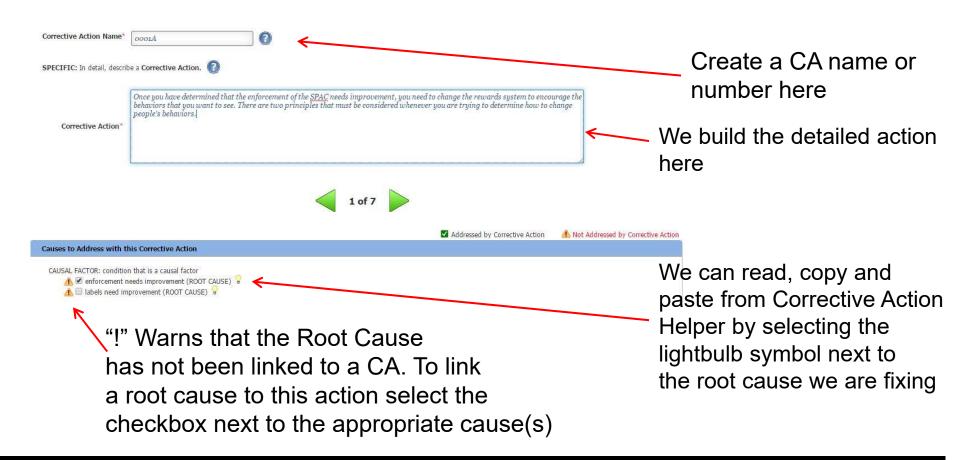
#### Simple Corrective Actions





#### **SMARTER Corrective Actions**

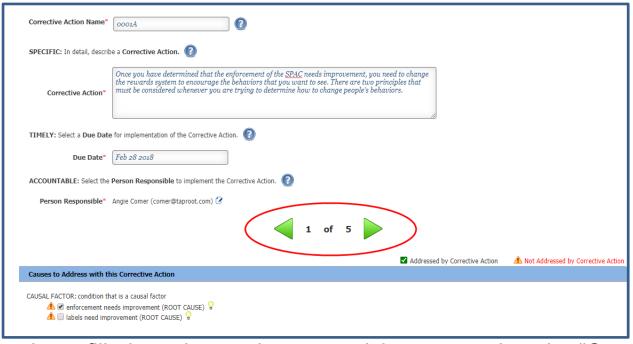
If you selected a SMARTER Corrective Action you will now be able to begin the process of creating a SMARTER corrective action by providing information and details to the action





#### **SMARTER Corrective Actions**

To move through the next phases of SMARTER we use the Green Arrows in the center of the screen



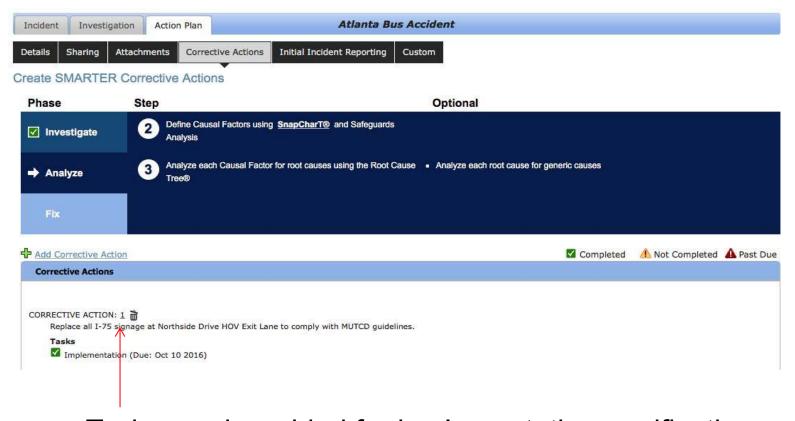
Once you have filled out the sections you wish to use, select the "Create" button at the bottom to create the corrective action's action items. "Create and Add New" will save the corrective action and take you to a new blank corrective action form





#### **Corrective Actions**

Corrective Actions will then appear on the main window at the bottom



Tasks can be added for implementation, verification, and validation by editing the corrective action (click on the corrective action name/number to open it)

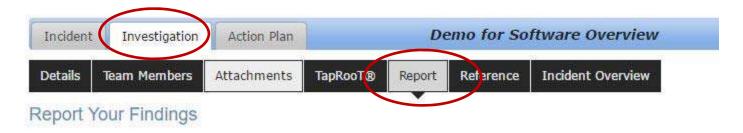


# Reports



#### Generating Reports

- The software allows for the development of your own reports by using the "Report Builder" or "Template Builder"
- To generate a report using a report template, open the investigation and select the Investigation Tab, along with the Report Section



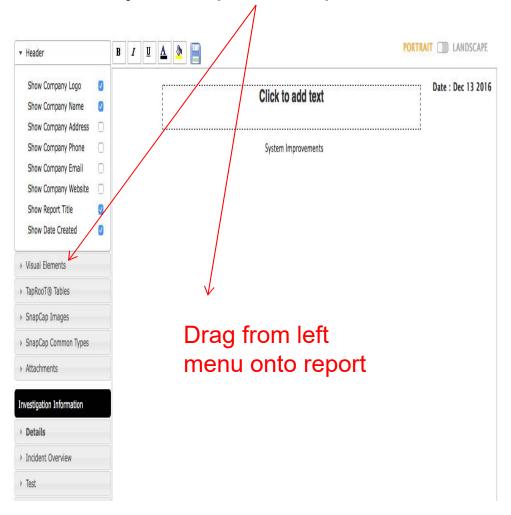
You can use Report Builder to build a report for this investigation,
 Template Builder to build a template for use later, or Use a Template to generate a report from a previously developed template



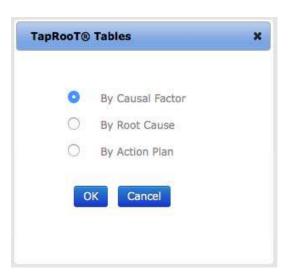


#### Generating Reports

Once in the Report Builder or Template Builder, you can drag the items you want onto your report/template in the order you want before saving



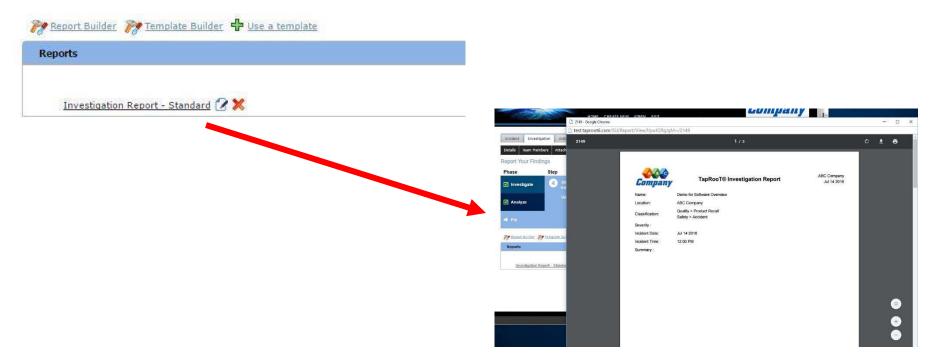
For TapRooT® tables, you can choose individual items or drag the whole table and select how you want the information organized





#### Generating Reports

- On the Investigation/Report Tab you will now see the appropriate "Report" selected
- To run the report, select the proper report link in the Reports section and the report will be generated and can be printed, saved and downloaded





# User Questions?

Give us a call 001 (865) 539-2139

# Problems?

TapRooT® Technical Support 001 (865) 357-0080 support@taproot.com