



TrakSYS™ 4.0 Training Course I Lab Manual

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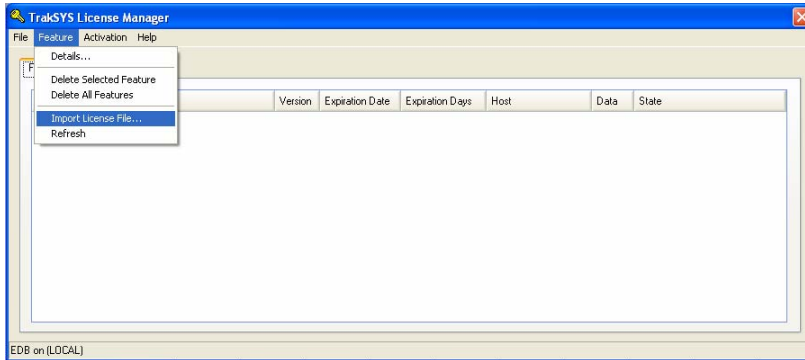
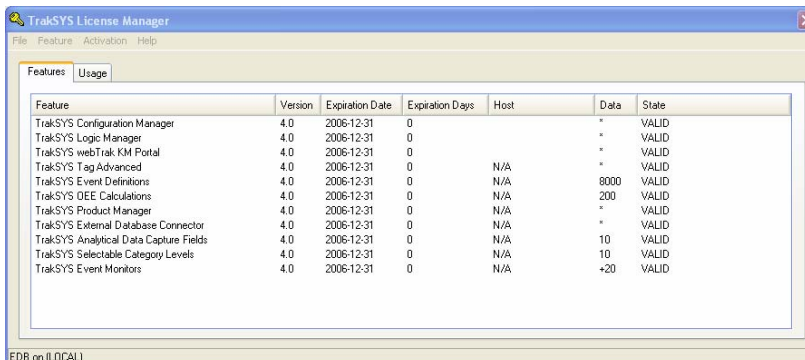
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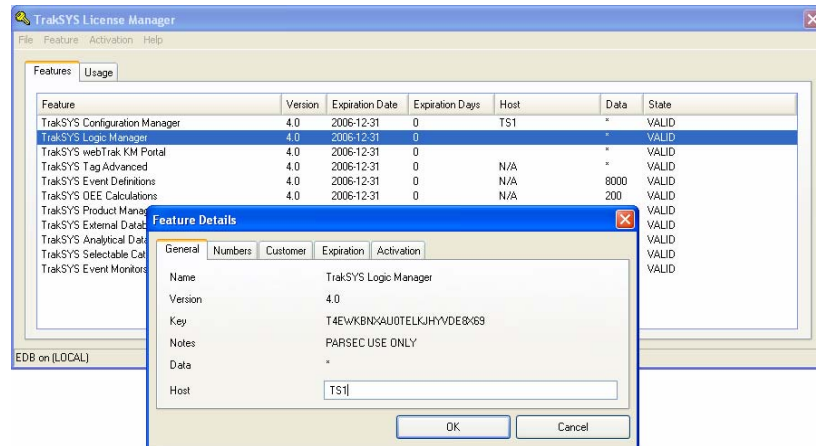
Lab 01: License Manager

Objectives	<ul style="list-style-type: none"> • Get familiar with TrakSYS License Manager • Import an XML License file • Set the Host name to the appropriate machine
Estimated Time to Complete This Lab	10 Minutes

In this lab, before starting the software, you will use the TrakSYS License Manager to install the license file provided for this class.

Tasks	Detailed Steps
Open TrakSYS License Manager	1. Go to Start All Programs Parsec TrakSYS TrakSYS License Manager .
Import the License File	<p>1. Go to the Feature menu option and select Import License File.</p>  <p>2. Select the license file called License.xml from the C:\TrakSYS License folder.</p> 
Set the Host	<p>1. Note the State for all the different features is VALID.</p> <p>2. Go to Start All Programs Parsec TrakSYS and open TrakSYS Configuration Manager.</p> <p>3. You should receive a License Manager Error while attempting to open TrakSYS Configuration Manager. This is because the Host entry is not set for that feature in</p>

- License Manager.
4. You need to set the Host to your PC name for the **Configuration Manager**, **Logic Manager** and **webTrak** to function properly.
 5. In License Manager, go to the Features tab and double-click on **TrakSYS Configuration Manager** feature and in the **Feature Details** page type **TS1** for the **Host**. Click **OK**.
 6. Repeat the above step for the **TrakSYS Logic Manager** and **TrakSYS webTrak KM Portal** feature lines.

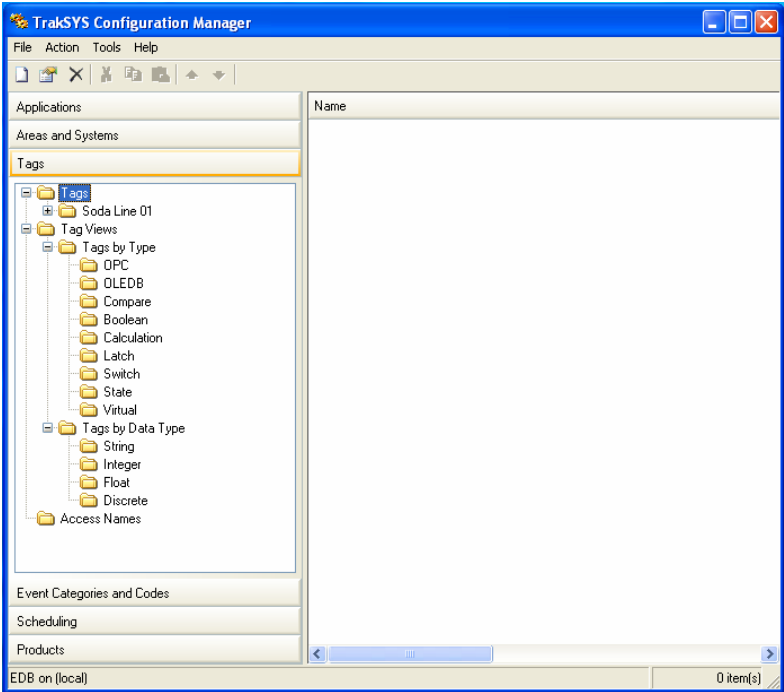


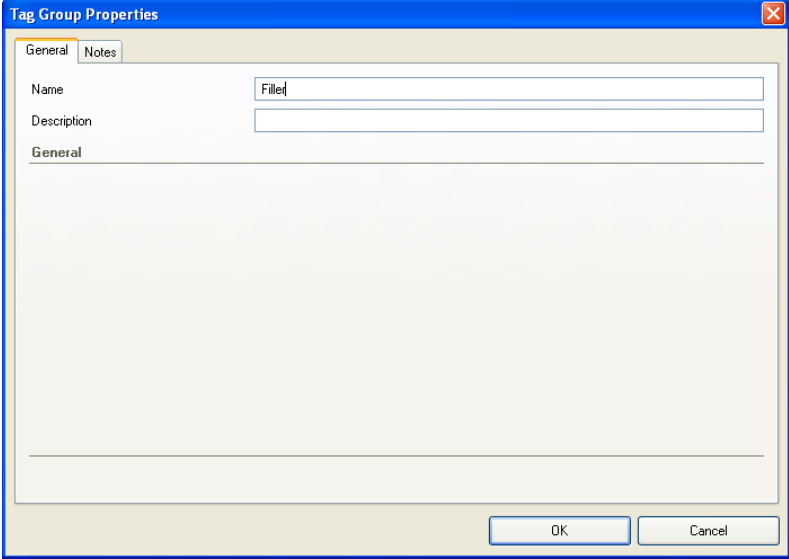
7. Go to **Start | All Programs | Parsec | TrakSYS** and open **TrakSYS Configuration Manager**. This time you should not receive the License Manager error.

Lab 02: Configuration Manager – OPC Tags

Objectives	<ul style="list-style-type: none"> • Create Tag Groups • Create Access Names and OPC Tags • View Tag changes in Tag Simulator
Estimated Time to Complete This Lab	15 Minutes

In this lab you will start building the Orange County Soda Line configuration by creating OPC Tags, which provide real-time information from automated production equipment.

Tasks	Detailed Steps
Open TrakSYS Configuration Manager	1. Go to Start All Programs Parsec TrakSYS TrakSYS Configuration Manager .
Create Tag Groups	<p>1. Go to Tags panel on the tree view.</p> <p>2. Right-click on Tags.</p> <p>3. Select New Tag Group.</p> <p>4. In the Tag Group Properties window, type Soda Line 01 for the Name.</p>  <p>5. Create more new Tag Groups by right-clicking on the Soda Line 01 Tag Group and naming the new Tag Groups OEE Counters, Filler, Labeler, and Casepacker.</p>

	
Create Access Names	<ol style="list-style-type: none"> 1. Right-click on Access Names and select New Access Name. 2. Select New OPC Access Name. 3. Type Soda Line 01 PLC for the Name. 4. Click OK.
Create OPC Tags	<ol style="list-style-type: none"> 1. Right-click on the Soda Line 01 Tag Group. 2. Select New Tag New OPC Tag. 3. In the OPC Tag Properties page, type SL1.FILLER.TIPPED_CAN for the Name. 4. Select Filler in the Tag Group drop down menu. 5. Select Discrete for the Data Type. 6. Select Soda Line 01 PLC for the Access Name. 7. For Item Name type N7:10/0, which in a real world situation specifies the address of an actual item in a PLC. 8. Click OK to save the OPC Tag Properties information.

OPC Tag Properties

General | Advanced | References | Notes

Name: SL1.FILLER.TIPPED_CAN

Description:

General

Tag Group: Filler

Data Type: Discrete Default Value: 0

OPC

Access Name: Soda Line 01 PLC

Item Name: N7:10/0

Alternate Item Name:

☒ Persist Value Changes to Database

OK Cancel

9. Repeat steps 1 to 8 to create the following OPC Tags in the **Filler** Tag Group:

Tag Name	Item Name
SL1.FILLER.NO_CANS	N7:10/1
SL1.FILLER.NO_SODA	N7:10/2

10. Repeat steps 1 to 8 to create the following OPC Tag in the **Labeler** Tag Group:

Tag Name	Item Name
SL1.LABELER.LABEL_JAM	N7:10/3
SL1.LABELER.NO_LABELS	N7:10/4

11. Repeat steps 1 to 8 to create the following OPC Tags in the **Casepacker** Tag Group:

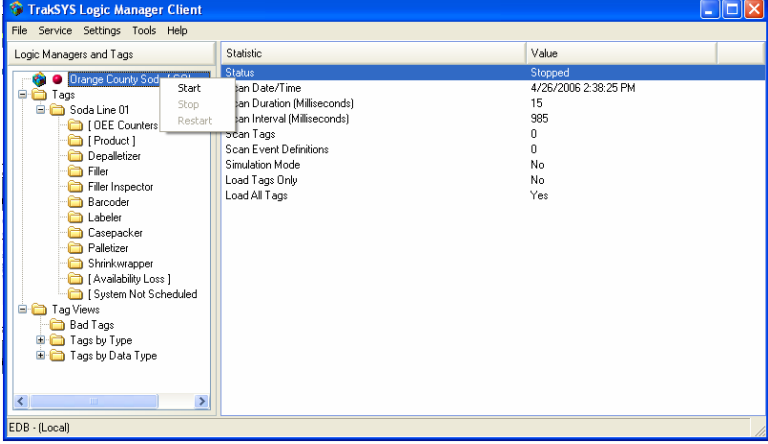
Tag Name	Item Name
SL1.CASE.PRODUCT_OUT_OF_POSITION	N7:10/5

12. Repeat steps 1 to 8 to create the following OPC Tag in the **OEE Counters** Tag Group, but select **Integer** for the **Data Type**:

Tag Name	Item Name
SL1.OEE.GOOD_CASES	N7:0

Run Logic Manager Service

- Go to **Start | All Programs | Parsec | TrakSYS | TrakSYS Logic Manager Client**.
- Run the Logic Manager by right-clicking on the Logic Manager icon in the tree view and selecting **Start**. Notice the red icon becomes green when the service started.

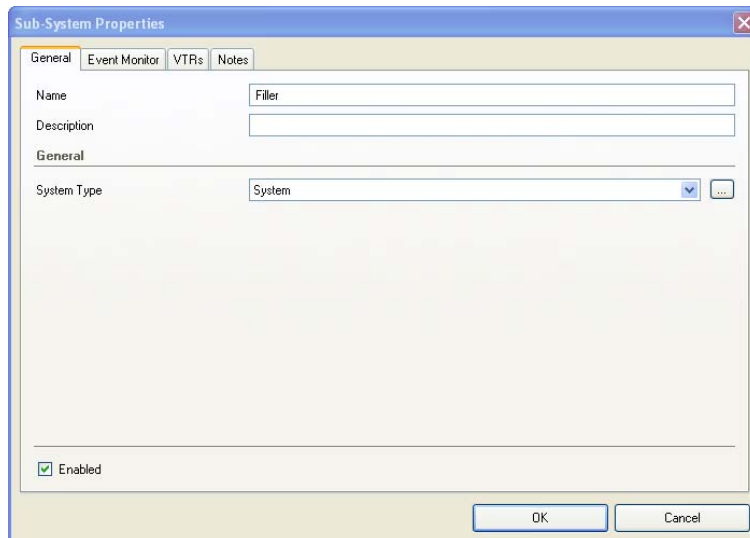
	
Run the Tag Simulator (Only for test purposes)	<ol style="list-style-type: none"> 1. Run the TrakSYS Tag Simulator application from your desktop.
View Tag Changes in Logic Manager	<ol style="list-style-type: none"> 1. In the Logic Manager tree view under the Tags folder, click the OEE Counters Tag Group to observe the OPC Tag value changing.


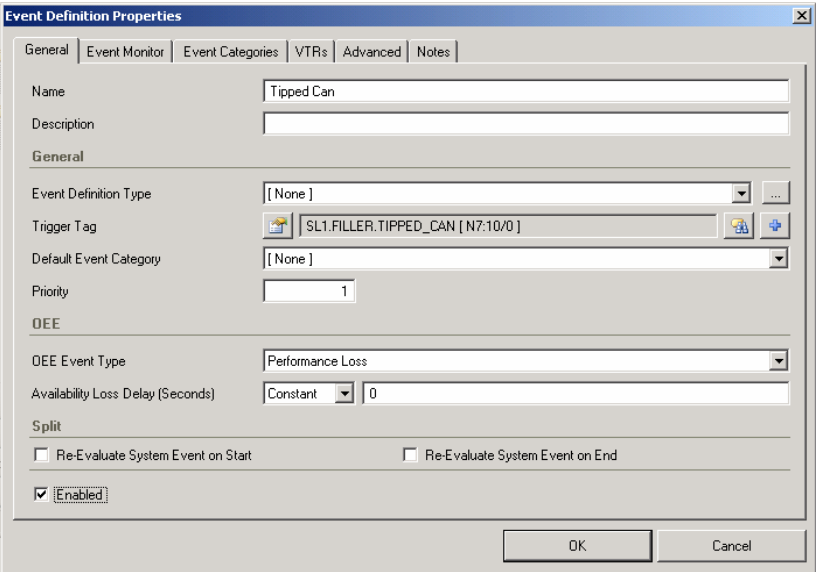
Lab 03: Configuration Manager – Areas, Systems and Event Definitions

Objectives	<ul style="list-style-type: none"> Model the Production Environment
Estimated Time to Complete This Lab	15 minutes

In this lab you will start modeling the production environment of the Orange County Soda Line by creating Areas and Systems and then creating Event Definitions based on the Tags you created in the previous lab.

Tasks	Detailed Steps
Create Areas	<ol style="list-style-type: none"> Go to the Areas and Systems panel in the Configuration Manager tree view. Right-click on the Areas node in the tree view and select New Area. In the Area Properties window, type Orange County Soda for the Name. Configuration Manager pre-selects the Orange County Soda Logic Manager. Click OK to save this Area. Under the Orange County Soda Area, create another Area and name it Soda Line 01.
Create Systems and Sub-Systems	<ol style="list-style-type: none"> Right-click on the Soda Line 01 Area and select New System from the menu list. In the System Properties page, type Soda Line 01 for the Name. Click OK to save this System. Right-click on the Soda Line 01 System and select New Sub-System. In the Sub-System Properties page, type Filler for the Name of the Sub-System and click OK. Repeat the two above steps to create two more Sub-Systems called Labeler and Casepacker.

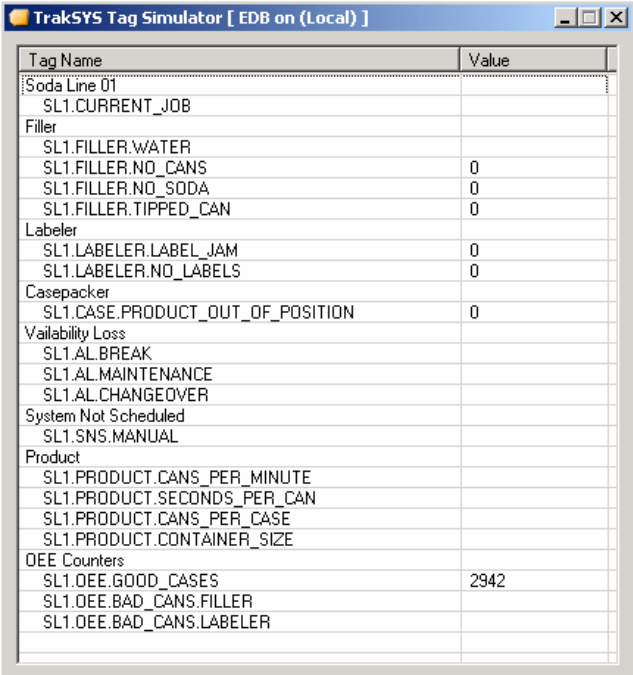
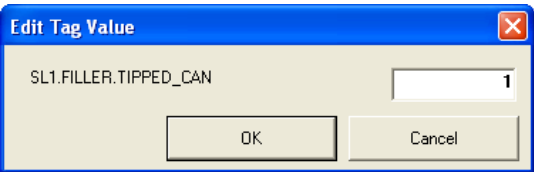


<p>Create Event Definitions</p>	<ol style="list-style-type: none"> 1. Right-click on the Filler Sub-System in the tree view and select New Event Definition. 2. In the Event Definition Properties page, type Tipped Can for the Name. 3. To find and select a Trigger Tag, which is a Discrete Tag that triggers the Event Definition, use the Tag Finder tool by clicking . 4. Select SL1.FILLER.TIPPED_CAN from the list of Tags in the Tag Finder. 5. Click OK to return to the Event Definition Properties page. 6. Back in the Event Definition Properties page, select Performance Loss for the OEE Event Type and then click OK to save the Event Definition.  <ol style="list-style-type: none"> 7. Repeat the above steps to define another Event Definition named No Soda. The Trigger Tag for this Event Definition should be SL1.FILLER.NO_SODA. 8. Repeat steps 1 to 6 to create another Event Definition named No Cans. The Trigger Tag for this Event Definition should be SL1.FILLER.NO_CANS. 9. Under the Labeler Sub-System, repeat steps 1 to 6 to create an Event Definition named Label Jam. The Trigger Tag for this Event Definition should be SL1.LABELER.LABEL_JAM. 10. Under the Casepacker Sub-System, repeat steps 1 to 6 to create an Event Definition named Product Out of Position. The Trigger Tag for this Event Definition should be SL1.CASE.PRODUCT_OUT_OF_POSITION.
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Lab 04: webTrak – Event Reports

Objectives	<ul style="list-style-type: none"> Examine the standard Event Reports
Estimated Time to Complete This lab	10 minutes


In this lab, you will view and analyze the Event data logged by Logic Manger.

Tasks	Detailed Steps
Restart Logic Manager	<ol style="list-style-type: none"> If the Logic Manager Client is not already open, go to Start All Programs Parsec TrakSYS TrakSYS Logic Manager Client. Right-click on Orange County Soda [TS1]. Select Restart to reload the new configuration.
TrakSYS Tag Simulator (Only for test purposes)	<ol style="list-style-type: none"> Open the TrakSYS Tag Simulator application (if not already open). Double-click on SL1.FILLER.TIPPED_CAN Tag under Filler group to open the Edit Tag Value dialog box.  <ol style="list-style-type: none"> Change the value of the Tag from 0 to 1, click OK and wait for a few seconds.  <ol style="list-style-type: none"> Double click on the above mentioned Tag again and change its value from 1 to 0 and click OK.

Open System Event Summary (DateTime) Report

1. Go to **Start | All Programs | Parsec | TrakSYS | TrakSYS webTrak**.
2. Open the **webTrak**.
3. In the tree view under the **Event Reports** node, click the **System Event Summary (Date Time)** report.
4. Select **Soda Line 01** for the **Area** parameter.
5. Select **Soda Line 01** for the **System** parameter.
6. The **Start Date** and **End Date** parameters should be pre-selected for today's date.
7. Click **Open** to view the **System Event Summary (DateTime) (Soda Line 01)** report.


The screenshot shows the TrakSYS webTrak Knowledge Management Portal. On the left is a tree view with 'TrakSYS Reports' expanded, showing 'Event Reports' and 'KPI Reports'. Under 'Event Reports', 'System Event Summary (DateTime)' is selected. The main area shows the 'View Report' configuration for 'System Event Summary (DateTime)'. It includes fields for 'Area' (Soda Line 01), 'System' (Soda Line 01), 'Start Date' (May 5, 2006, 12:00:00 AM), 'End Date' (May 5, 2006, 11:59:59 PM), and 'Display Type' (Tabular). There are also 'Grouping' and 'Filters' sections. At the bottom right are 'Test Report Parameters' and 'Open' buttons.

8. Examine the Event and its duration.
9. Click  to expand the **Tipped Can** Event Definition.

The screenshot shows the 'System Event Summary (DateTime) (Soda Line 01)' report. It includes a header with 'Group System | Sub-Group Event Definition' and a date range '5/5/2006 12:00:00 AM - 5/5/2006 11:59:59 PM'. The main table lists events with columns for Start Date/Time, End Date/Time, Shift, OEE Type, Count, Average, and Duration. The 'Tipped Can' event is expanded, showing a single entry for 'Performance Loss' on 5/5/2006 at 1:43:34 PM.

System	Start Date/Time	End Date/Time	Shift	OEE Type	Count	Average	Duration
Soda Line 01					1	00:00:22	00:00:22
Tipped Can					1	00:00:22	00:00:22
5/5/2006 1:43:34 PM	5/5/2006 1:43:34 PM	5/5/2006 1:43:56 PM	No Shift	Performance Loss	1	00:00:22	00:00:22

Report Generated 5/5/2006 1:44:00 PM

10. Click  beside the Event to open the **Event Detail** report.

The screenshot displays the 'Event Detail' page in a Microsoft Internet Explorer browser window. The page is divided into several sections:

- Event Detail:** A table listing event attributes.

Start Date/Time	5/5/2006 1:43:34 PM
End Date/Time	5/5/2006 1:43:56 PM
Date	5/5/2006
Count	1
Impact	100%
Duration	00:00:22
Area	Soda Line 01
Area Type	
System	Soda Line 01
System Type	
Sub-System	Filler
Sub-System Type	
Event Definition	Tipped Can
Event Definition Type	
Event Code	No Event Code [No Event Code]
Event Code Type	
OEE Type	Performance Loss
State	None
Shift	No Shift
Team	No Team
- Event Categories:** A table with multiple empty rows for categorization.
- Capture:** A table with multiple empty rows for capture details.
- Sub Events:** A table showing the sequence of sub-events.

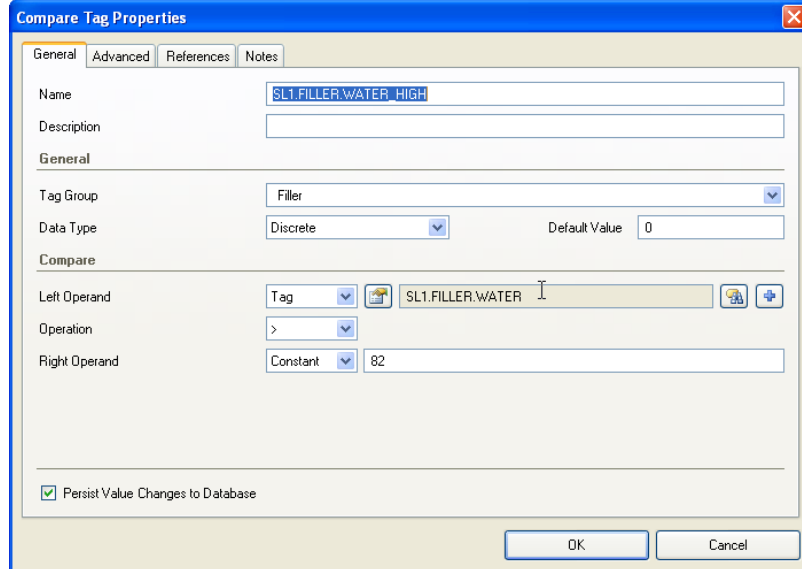
	Start	End	Duration
[Filler] Tipped Can	5/5/2006 1:43:34 PM	5/5/2006 1:43:56 PM	00:00:22
[Filler] Tipped Can	5/5/2006 1:43:34 PM	5/5/2006 1:43:56 PM	00:00:22
- VTRs (Start) and VTRs (End):** Tables for Variable Time Ranges (VTRs) at the start and end of the event, each with columns for Tag Name and Tag Value.

Lab 05: Tags (Continued), Event Definitions and Event Reports

Objectives	<ul style="list-style-type: none"> • Create Boolean and Compare Tags • Create an Event Definition based on a Boolean Tag
Estimated Time to Complete This Lab	15 minutes

In this Lab you will create Compare Tags which allow comparing a Tag Value to another Tag Value or a constant value and return a Discrete result. You will also create a Boolean Tag which allows you to combine the value of two or more Tags using Boolean Logic operations. Afterwards you will define an Event using the Boolean Tag as the Trigger Tag and will make that Event Definition active and inactive to be able to observe it in webTrak Event Reports.

Tasks	Detailed Steps
Create Tags	<ol style="list-style-type: none"> 1. Go to Tags Panel in Configuration Manager tree view. 2. Create a new OPC Tag and Name it SL1.FILLER.WATER in the Filler Tag Group. The Access Name for this Tag is Soda Line 01 PLC and the Item Name is N7:3. The Data Type for this Tag should be set to Integer. 3. Go to the TrakSYS Tag Simulator and double click on the SL1.FILLER.WATER Tag. Change the Tag value from 0 to 80. 4. Back in Tags panel, Right click on the Filler Tag Group, then select New Compare Tag and create the following two Compare Tags: <ol style="list-style-type: none"> a. The first Tag should be named SL1.FILLER.WATER_HIGH. In the Compare section of the properties page, select Tag for the Left Operand and then find and pick SL1.FILLER.WATER as the Left Operand. Select ">" Operation and type 82 for the Right Operand and click OK. b. The second Tag should be named SL1.FILLER.WATER_LOW. The Left Operand for this Tag is SL1.FILLER.WATER. Select "<" for the Operation and type 78 for the Right Operand and click OK. 5. In Filler Tag Group create a new Boolean Tag and name it SL1.FILLER.WATER_INCORRECT_MIXTURE. Select OR as the Boolean Operation and Add the two compare tags you just made (SL1.FILLER.WATER_HIGH and SL1.FILLER.WATER) to the Boolean tag list view.



Compare Tag Properties

General | Advanced | References | Notes

Name: SL1.FILLER.WATER_HIGH

Description:

General

Tag Group: Filler

Data Type: Discrete

Default Value: 0

Compare

Left Operand: Tag SL1.FILLER.WATER

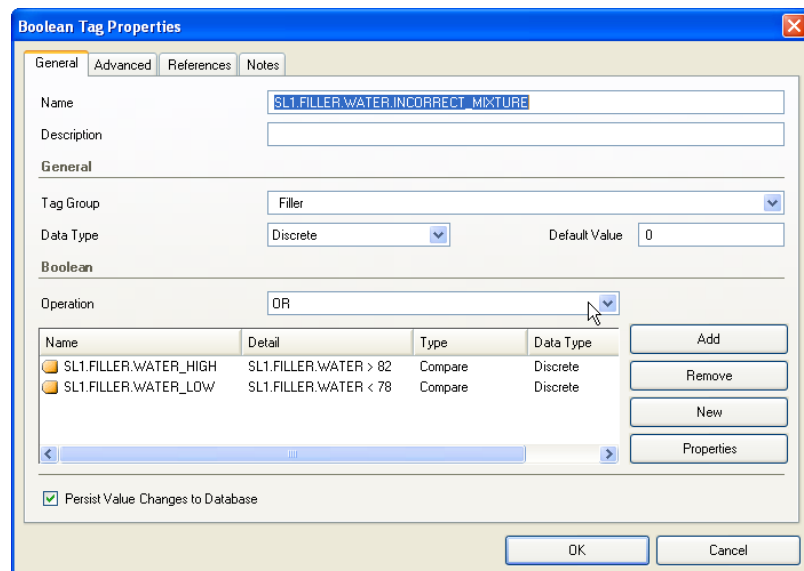
Operation: >

Right Operand: Constant 82

☒ Persist Value Changes to Database

OK Cancel

6. Click **OK** to save the Boolean Tag.



Boolean Tag Properties

General | Advanced | References | Notes

Name: SL1.FILLER.WATER_INCORRECT_MIXTURE

Description:

General

Tag Group: Filler

Data Type: Discrete

Default Value: 0

Boolean

Operation: OR

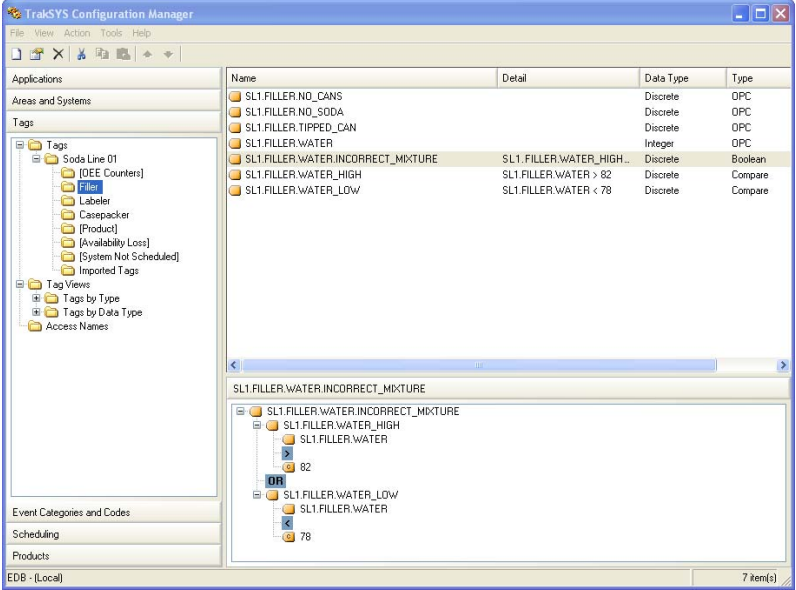
Name	Detail	Type	Data Type
SL1.FILLER.WATER_HIGH	SL1.FILLER.WATER > 82	Compare	Discrete
SL1.FILLER.WATER_LOW	SL1.FILLER.WATER < 78	Compare	Discrete

☒ Persist Value Changes to Database

OK Cancel

Create an Event Definition





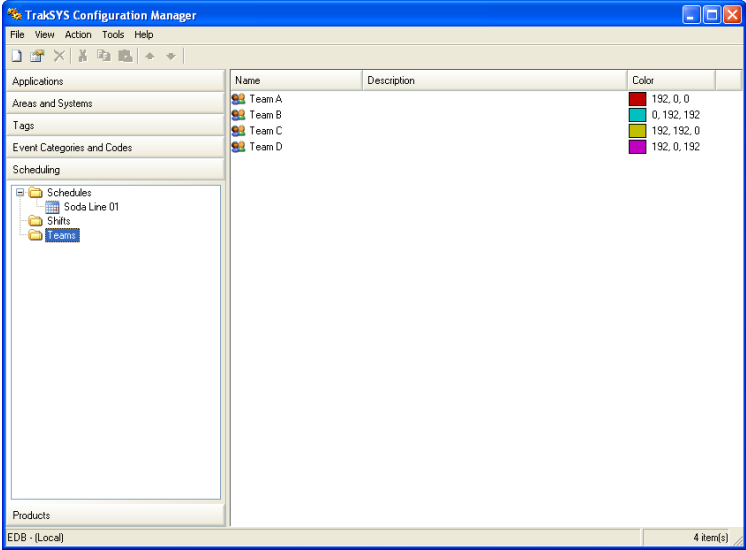
1. Go to **Areas and Systems** and under the **Filler** Sub-System create a new Event Definition and name it **Water Incorrect Mixture**. For the **Trigger Tag**, select **SL1.FILLER.WATER_INCORRECT_MIXTURE**. Select **Performance Loss** as the OEE Event Type and click **OK** to save the Event Definition.
2. Restart **Logic Manager** to load the new configuration.

	 <p>The screenshot shows the TrakSYS Configuration Manager interface. The left pane displays a tree view of the system configuration, with 'Soda Line 01' expanded. The right pane shows a table of tags with columns: Name, Detail, Data Type, and Type. The table lists several tags, including 'SL1.FILLER.WATER', 'SL1.FILLER.WATER.HIGH', and 'SL1.FILLER.WATER.LOW'. Below the table, a detailed view of 'SL1.FILLER.WATER.INCORRECT_MIXTURE' is shown, displaying a logic diagram with an 'OR' gate and two inputs: 'SL1.FILLER.WATER.HIGH' and 'SL1.FILLER.WATER.LOW'.</p>
Tag Simulator and Event Report	<ol style="list-style-type: none"> 1. Go to TrakSYS Tag Simulator and double click on SL1.FILLER.WATER. To activate the Water Incorrect Mixture Event, change the value of this tag to 90 or 70, click OK and wait for a few seconds. To make the Event inactive, change the value to a number between 78 and 82. (Make sure this Event is inactive before moving to the next lab) 2. You can view this Event in webTrak by opening the System Event Summary (DateTime) report for Soda Line 01.

Lab 06: Configuration Manager – Scheduling and Reports

Objectives	• Create Teams, Shifts, and a Schedule
Estimated Time to Complete This Lab	20 minutes

In this lab, you will make 2 Shifts, 4 Teams, and 1 Schedule Pattern in which the Teams change Shifts every 10 hours. After creating the Schedule, you must assign it to the Soda Line 01 System and restart Logic Manager before it will take effect.

Tasks	Detailed Steps
Create New Teams	<ol style="list-style-type: none"> 1. In Configuration Manager, go to Scheduling. 2. In the tree view, right-click on Teams and select New Team. 3. In the Team Properties page, type Team A for the Name. 4. Select Red  for the Color of this team. 5. Repeat the above steps to make 3 more Teams named Team B, Team C, and Team D. 6. Select Green , Yellow , and Pink  respectively for the Colors of the above teams. 
Create New Shifts	<ol style="list-style-type: none"> 1. In the tree view, right-click on Shifts and select New Shift. 2. In the Shift Properties page, type Shift 1 for the Name. 3. Select White for the Color. 4. Click OK to save this Shift. 5. Repeat the above steps to make one more Shift named Shift 2.
Create a New Schedule and Schedule Pattern	<ol style="list-style-type: none"> 1. Right-click on Schedules and select New Schedule. 2. In the Schedule Properties page, type Soda Line 01 for the Name. 3. Verify that the Allow Schedule Edits (Edit Mode) checkbox is checked. 4. Click OK to save this schedule.

Schedule Properties [3]

General Notes

Name: Soda Line 01

Description:

General

Reload Interval (Seconds): 30

Allow Schedule Edits (Edit Mode): ☒

OK Cancel

5. Right-click on the **Soda Line 01** Schedule in the tree view and select **New Schedule Pattern** (notice that the Schedule is in Edit Mode).
6. In the **Schedule Pattern Properties** page, type **Default Schedule Pattern** for the **Name**.
7. Set the **Start Date/Time** to the date for Monday of the current week at 8:00 am.
8. Enter **7** for the **Duration (Days)**.
9. Set the **Effective Date/Time** to the date for Monday of the current week.
10. Select **Team Color** for the **Item Color Type**. This sets the color scheme for displaying **Schedule Pattern Items**.
11. Select **60** for **Calendar Tick Marks (Minutes)**.
12. Click the **Edit Schedule Pattern Items** button.

Schedule Pattern Properties

General Notes

Name: Default Schedule Pattern

Description:

General

Start Date/Time: 05/15/2006 12:00 AM Monday 12:00 AM

Duration (Days): 7

Effective Date/Time: 05/15/2006 12:00 AM Monday 12:00 AM

Item Color Type: Team Color

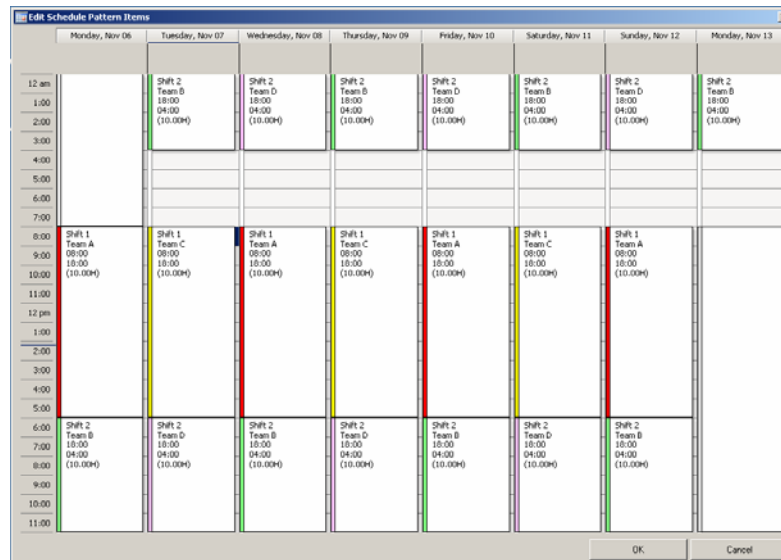
Calendar Tick Marks (Minutes): 60

Edit Schedule Pattern Items

OK Cancel

13. In **Edit Schedule Pattern Items** page, click on the cell representing Monday 8:00 am and drag the mouse till Monday 6:00 pm cell, right-click on the selected area and select **New Schedule Pattern Item** to define a schedule pattern Item that lasts for 10 hours. In the **Schedule Pattern Item Properties** page, select **Shift 1** for **Shift** and **Team A** for **Team**.
14. Click **OK** to save this Schedule Pattern Item.
15. Follow the table below and create a 2-day schedule pattern and repeat the pattern until Sunday:

Day 1	Day 2
Shift 1 Team A 8:00 am To 6:00 pm	Shift 1 Team C 8:00 am To 6:00 pm
Shift 2 Team B 6:00 pm To 4:00 am	Shift 2 Team D 6:00 pm To 4:00 am



16. Save the Schedule Pattern by clicking on **OK**.
17. Right-click the **Soda Line 01** Schedule and uncheck **Allow Schedule Edits (Edit Mode)**.
18. Go to the **Areas and Systems** panel, open the **Soda Line 01 System Properties** page, select **Soda Line 01 Schedule** to assign the new **Schedule** to your System, and click **OK**.
19. Restart Logic Manager to load the new configuration.

webTrak Reports

1. In **TrakSYS Tag Simulator**, change the value of **SL1.LABELER.LABEL_JAM** Tag to **1** to activate **Label**

- Jam** Event. After a few seconds change it back to **0** and go to webTrak.
- Open the **System Event Summary** report for **Soda Line 01**.

System Event Summary (DateTime) (Soda Line 01)

Group System | Sub-Group Event Definition 5/5/2006 12:00:00 AM - 5/5/2006 11:59:59 PM

System	Event Definition	Start Date/Time	End Date/Time	Shift	OEE Type	Count	Average	Duration
Soda Line 01						2	00:00:40	00:01:19
	Tipped Can					1	00:00:22	00:00:22
	Label Jam					1	00:00:57	00:00:57
		5/5/2006 2:28:21 PM	5/5/2006 2:29:18 PM	Shift 1	Performance Loss	1	00:00:57	00:00:57
						2	00:00:40	00:01:19

Report Generated 5/5/2006 2:30:03 PM

- In Event Detail report, note the Shift and Team.

Event Detail

Event Detail	Event Categories
Start Date/Time	5/5/2006 2:20:21 PM
End Date/Time	5/5/2006 2:29:18 PM
Date	5/5/2006
Count	1
Impact	100%
Duration	00:00:57
Area	Soda Line 01
Area Type	
System	Soda Line 01
System Type	
Sub-System	Labeler
Sub-System Type	
Event Definition	Label Jam
Event Definition Type	
Event Code	No Event Code [No Event Code]
Event Code Type	
OEE Type	Performance Loss
State	None
Shift	Shift 1
Team	Team B

Sub Events

	Start	End	Duration
[Labeler] Label Jam	5/5/2006 2:28:21 PM	5/5/2006 2:29:18 PM	00:00:57
[Labeler] Label Jam	5/5/2006 2:20:21 PM	5/5/2006 2:29:10 PM	00:00:57

VIRs (Start)

Tag Name	Tag Value

VIRs (End)

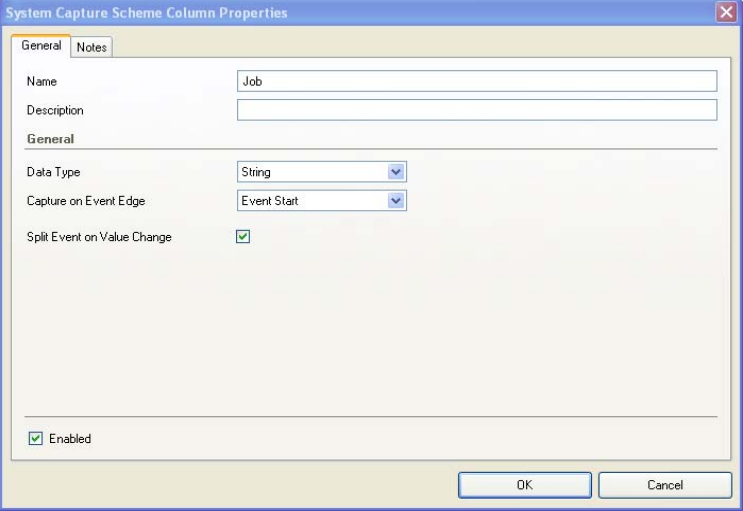


Tag Name	Tag Value

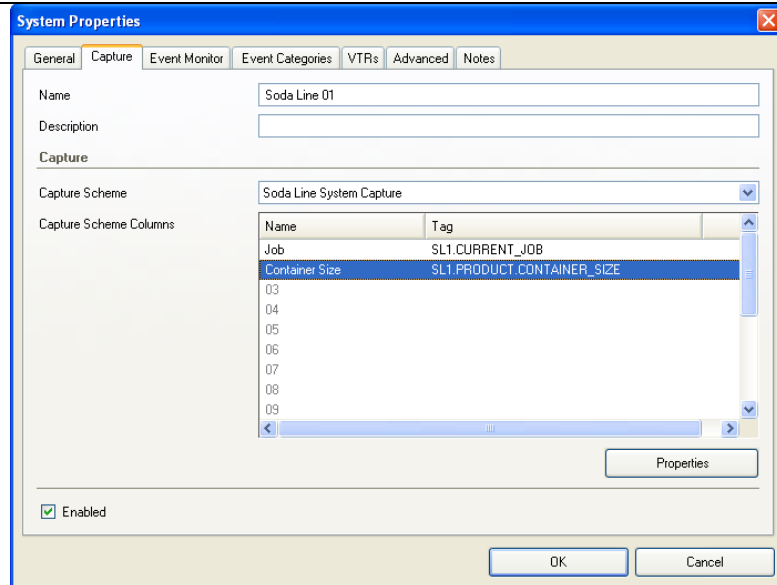
Lab 07: Configuration Manager – Capture Schemes and Reports

Objectives	<ul style="list-style-type: none"> Create System Capture Schemes and examine the Event Reports
Estimated Time to Complete This lab	15 minutes

In this lab, you will create a System Capture Scheme and assign System Capture Tags to your System's Capture Scheme Columns. Logic Manager records the values of Capture Tags when System Events occur and makes the captured values available in Event Detail reports.

Tasks	Detailed Steps
Create Virtual Tags	<ol style="list-style-type: none"> In the Configuration Manager tree view, go to the Tags panel. Right Click on Soda Line 01 Tag Group and select New Tag. Select New Virtual Tag from the menu list. Type SL1.CURRENT_JOB for the Name of the Tag, select String for the Data Type and click OK. Under the Soda Line 01 Tag Group, create a New Tag Group. Type Product for the Name of this Tag Group and click OK. Right click on the Product Tag Group and select New Tag. Select New Virtual Tag from the menu list. Type SL1.PRODUCT.CONTAINER_SIZE for the Name of the Tag and select String for the Data Type.
Create a System Capture Scheme	<ol style="list-style-type: none"> In Configuration Manager, go to Areas and Systems. Expand the Capture Schemes node. Right-click System Capture Schemes and select New System Capture Scheme. In the System Capture Scheme Properties page, type Soda Line 01 System Capture for the Name and then click OK. Double-click the 01 Capture Scheme Column to open the System Capture Scheme Properties page. Type Job for the Name, check the Split Event on Value Change checkbox, and then click OK.

	 <p>6. Double-click the 02 Capture Scheme Column to open the System Capture Scheme Properties page. Type Container Size for the Name, check the Split Event on Value Change checkbox, and then click OK.</p>
	<ol style="list-style-type: none"> 1. Under Areas and Systems, right-click the Soda Line 01 System Properties and go to the Capture tab. 2. Select Soda Line 01 System Capture for the Capture Scheme. 3. Click the Job Capture Scheme Column and then click the Properties button to open the System Capture Tags Properties page. Find and select SL1.CURRENT_JOB for the Capture Tag. Go to the Virtual Tag Properties page by clicking on  and type L1-REGULAR-0001 for the Value and then click OK. 4. Click OK to save the System Capture Tag Properties. 5. Click the Container Size Capture Scheme Column and then click the Properties button to open the System Capture Tags Properties page. Find and select SL1.PRODUCT.CONTAINER_SIZE for the Capture Tag. Go to the Virtual Tag Properties page by clicking on  and type 32OZ for the Value and then click OK. 6. Click OK to save the System Capture Tag Properties. 7. In the System Properties page, click OK to save the System.



8. Restart **Logic Manager** to load the new configuration.

webTrak Reports

1. In TrakSYS Tag Simulator, change the value of **SL1.FILLER.TIPPED_CAN** from **0** to **1** to activate a Tipped Can event. After a few seconds, change it back to **0**.
2. Go to webTrak and open the **System Event Summary (DateTime)** report.
3. Select the **Soda Line 01** Area and the **Soda Line 01** System and **Open** the report.
4. Note the captures values for **Job** and **Container Size** in the **Event Detail** report for the latest Tipped Can event.

Event Detail - Microsoft Internet Explorer				
Event Detail		Event Categories		
Start Date/Time	5/18/2006 4:31:28 PM			
End Date/Time	5/18/2006 4:34:14 PM			
Date	5/18/2006			
Count	1			
Impact	100%			
Duration	00:02:46			
Area	Soda Line 01			
Area Type				
System	Soda Line 01			
System Type				
Sub-System	Labeler			
Sub-System Type				
Event Definition	Label Jam			
Event Definition Type				
Event Code	No Event Code [No Event Code]			
Event Code Type				
OEE Type	Performance Loss			
State	Sent			
Shift	Shift 1			
Team	Team C			
Sub Events		Capture		
[Labeler] Label Jam	5/18/2006 4:31:28 PM	5/18/2006 4:34:14 PM	00:02:46	
[Labeler] Label Jam	5/18/2006 4:31:28 PM	5/18/2006 4:34:14 PM	00:02:46	

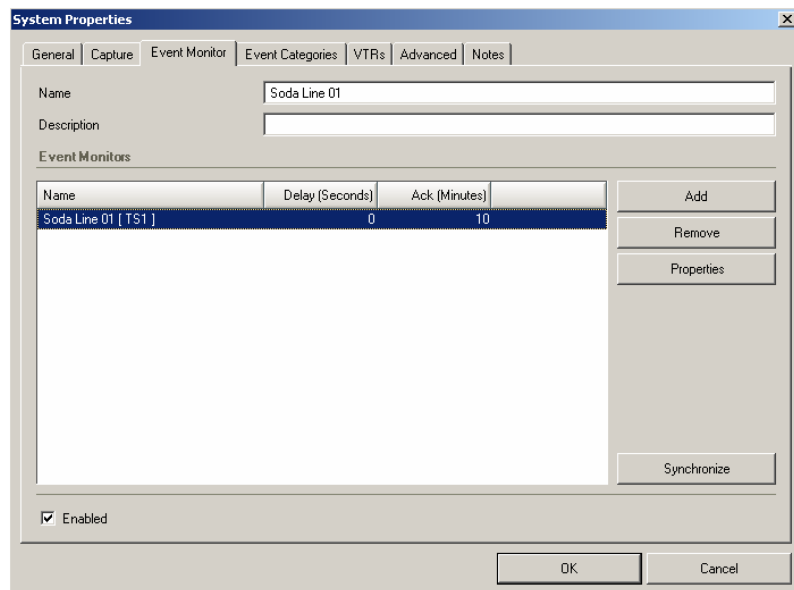
Lab 08: Event Monitor

Objectives	<ul style="list-style-type: none"> Become familiar with a Sample Event Monitor Application and the basic Event Monitor functionality
Estimated Time to Complete This lab	20 minutes

In this lab you will configure a new Event Monitor, which represents a running instance of the Event Monitor control(s) on a client node.

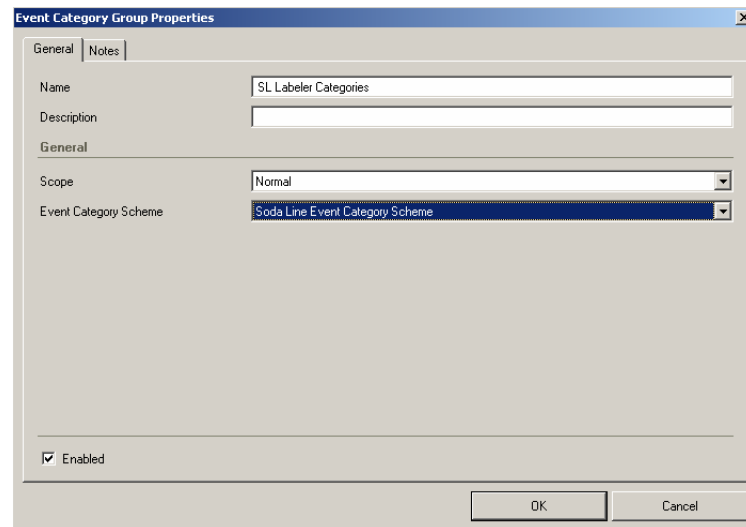
You will use Event Monitor to annotate and acknowledge an Event, as well as categorize it using the Event Categories assigned to the corresponding Event Definition.

Tasks	Detailed Steps
Create a new Event Monitor	<ol style="list-style-type: none"> In Configuration Manager go to Applications. Right-click on Event Monitors and select New Event Monitor. In the Event Monitor Properties page, type Soda Line 01 for the Name. Leave the Host Type pre-selected to Computer Name, type TS1 for the Computer Name, and then click OK. For the Event Monitor to receive event notifications, assign it to the Soda Line 01 system in Areas and Systems; in the property page for the System, go to the Event Monitor tab and then click Add to add the Event Monitor to the Event Monitors list. In the System Event Monitor Definition Properties page, select Soda Line 01 [TS1] for the Event Monitor and then click OK. Click OK in the System Properties page.



Create an Event Category in Configuration Manager

1. Go to the **Event Categories and Codes** panel in **Configuration Manager**.
2. Right-click on **Event Categories** and select **New Event Categories Group**.
3. In the **Event Category Group Properties** page, type **SL Labeler Categories** for the **Name**. Leave the **Scope** pre-selected to **Normal**. Select **Soda Line Event Category Scheme** for the **Event Category Scheme**. Click **OK**.



4. Right-click on **SL Labeler Categories** and select **New Event Category [Reason]**.
5. In the **Event Category Properties [Reason]** page, type **Label Jam at Drum** for the **Name** of the **Event Category** and then click **OK**.
6. Repeat steps 4 and 5 to create three more Event Categories named:
 - **Label Jam at Infeed Guide**
 - **Label did not Adhere**
 - **Label did not Transfer to Drum**

- Go to **Areas and Systems** and assign this Event Category to the **Label Jam** Event Definition under the **Labeler** Sub-System. Right-click on the **Label Jam** Event Definition and go to **Properties**. In the **Event Definition Properties** page, go to the **Event Categories** tab and pick **SL Labeler Categories** from the **Available Event Category Groups** drop down list. Click the **Add** button to add this Event Category to the **Assigned Event Category Groups**. Click **OK** to save the changes to the Event Definition.

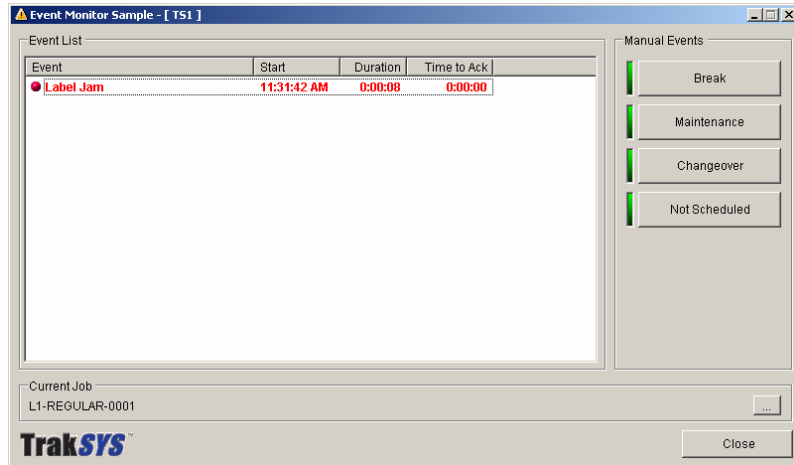
- Restart **Logic Manager** for the configuration changes to take effect.


Equipment Events

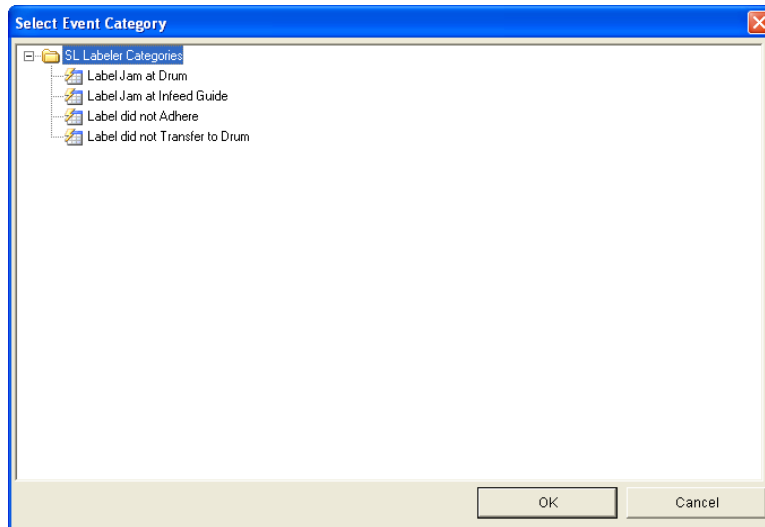
- To activate a Labeler Event, go to TrakSYS Tag Simulator and change the value of **SL1.LABELER.LABEL_JAM** from **0** to **1**.
- Run the **TrakSYS Event Monitor** application from

your desktop.

3. In Event Monitor Sample application, note the red color for the Labeler event under the **Event List**.
4. In TrakSYS Tag Simulator, change the value of **SL1.LABELER.LABEL_JAM** Tag from **1** to **0**.



5. In Event Monitor Sample, double-click on the **Labeler** event in the **Event List**. In the **Event Properties** page, to categorize this Event, click , select **Label did not Adhere** from the **SL Labeler Categories** in the **Select Event Category** page and then click **OK**.

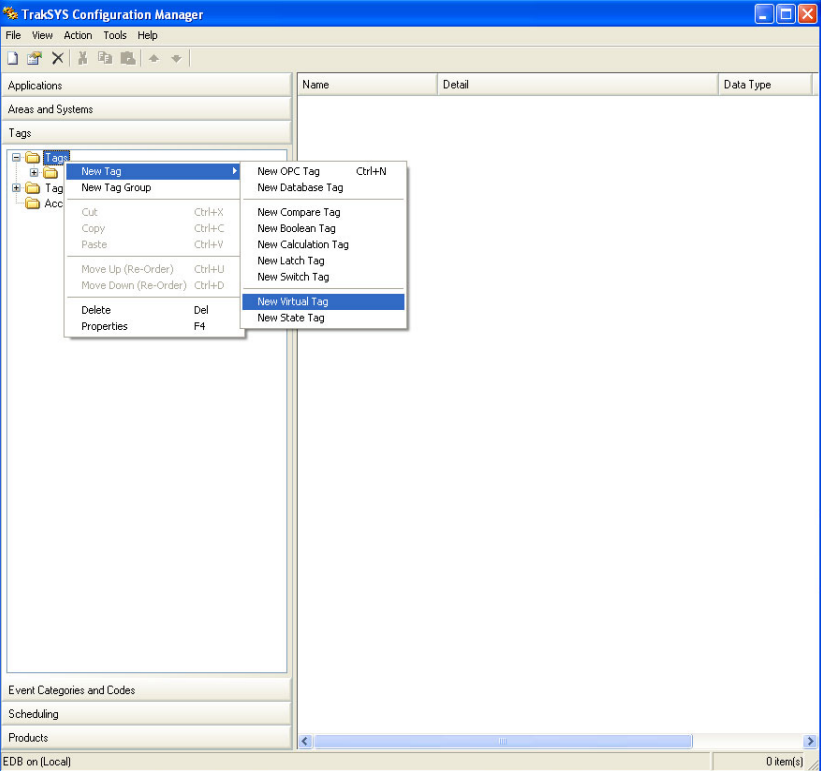


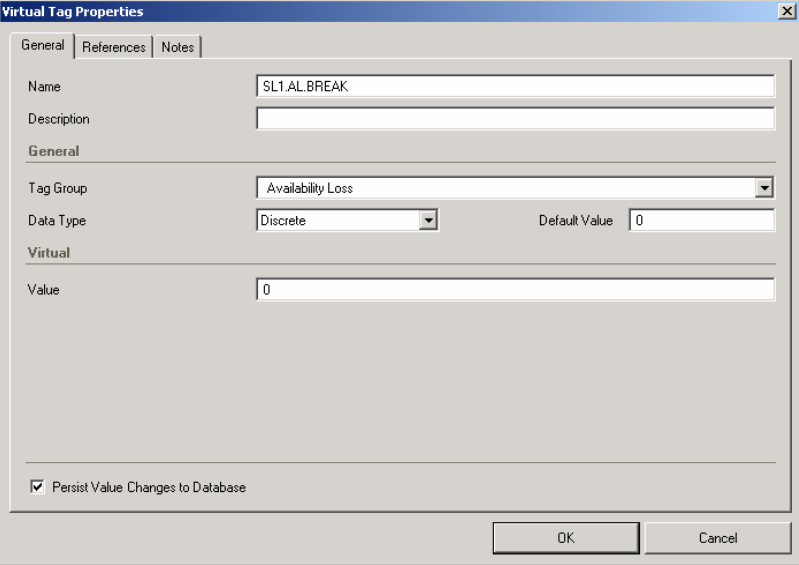
6. To acknowledge this Event, click the **Acknowledge** button on the **Event Properties** page.

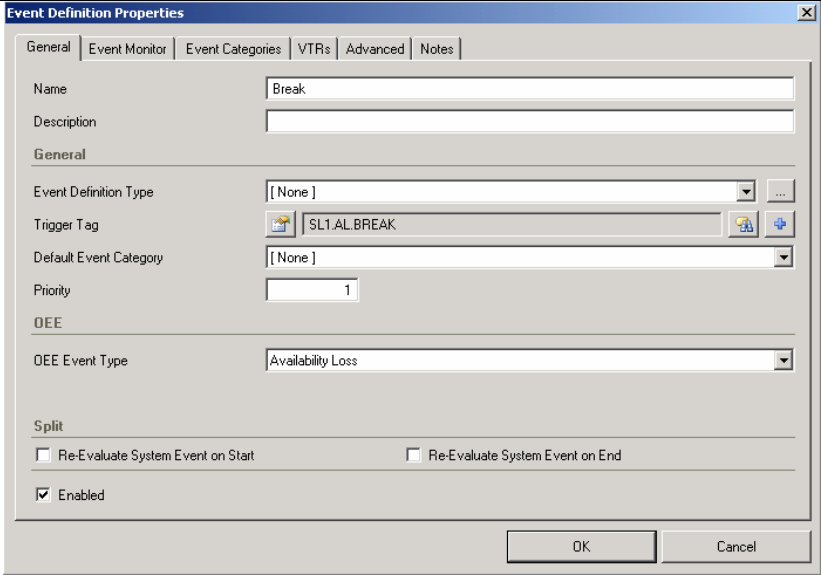

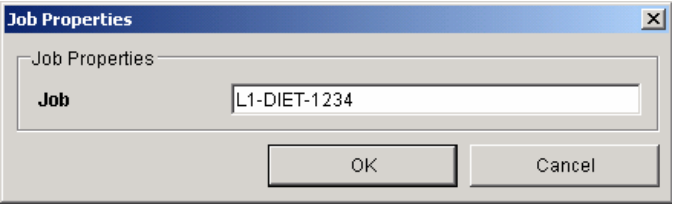
Lab 09: Configuration Manager – Virtual Tags and more Event Definitions

Objectives	<ul style="list-style-type: none"> • Create Virtual Tags • Create Event Definition Groups • Define more Event Definitions
Estimated Time to Complete This Lab	20 minutes

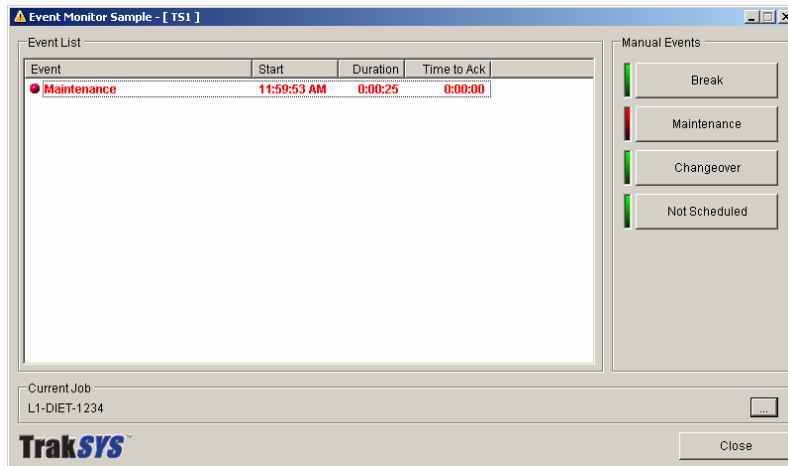
In Lab 03 you defined Performance Loss Events. In this lab, after creating Virtual Tags, you will create Event Definitions with System Not Scheduled and Availability Loss OEE Event Types. You will also work with the Manual Events in the Event Monitor Sample and view the result in webTrak reports.

Tasks	Detailed Steps
Create Tag Groups	<ol style="list-style-type: none"> 1. In the Configuration Manager tree view, go to the Tags panel. Under the Soda Line 01 Tag Group, create the following Tag Groups: <ul style="list-style-type: none"> • Availability Loss • System Not Scheduled
Create Virtual Tags	<ol style="list-style-type: none"> 1. Right-click on Tags and select New Tag. 2. From the Tag type list select New Virtual Tag.  <ol style="list-style-type: none"> 3. In the Virtual Tag Properties page, type SL1.AL.BREAK for the Name. 4. Select Availability Loss for the Tag Group.

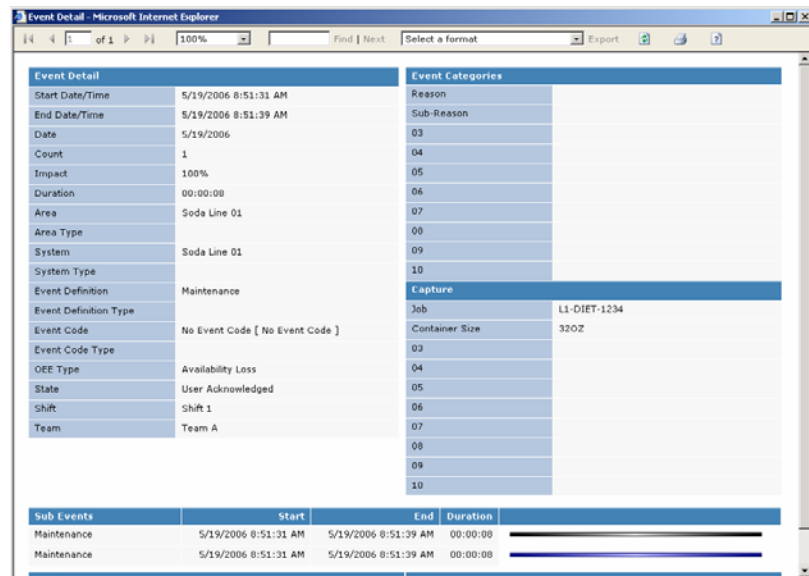
	<ol style="list-style-type: none"> 5. Select Discrete for the Data Type. 6. Click OK to save the Tag.  <ol style="list-style-type: none"> 7. Repeat steps 1 to 6 to create another Virtual Tag. This time, in step 3, type SL1.AL.MAINTENANCE for the Name of the Tag. 8. Repeat steps 1 to 6 to create another Virtual Tag. In step 3, type SL1.AL.CHANGEOVER for the Name of the Tag. 9. Repeat steps 1 to 6 to create another Virtual Tag. In step 3 type SL1.SNS.MANUAL for the Name of the Tag, and in step 4, select System Not Scheduled for the Tag Group.
Create Event Definition Groups	<ol style="list-style-type: none"> 1. Go to Areas and Systems Panel. 2. Right click the Soda Line 01 System. 3. Select New Event Definition Group. 4. In the Event Definition Group Properties page, type Availability Loss Events for the Name and then click OK. 5. Create another Event Definition Group and name it System Not Scheduled Events.
Create Availability Loss Events	<ol style="list-style-type: none"> 1. Right-click the Availability Loss Events Event Definition Group and select New Event Definition from the menu list. 2. In the Event Definition Properties, type Break for the Name of the Event. 3. For the Trigger Tag, find and select SL1.AL.BREAK. 4. For OEE Event Type, select Availability Loss. 5. Click OK to save this Event Definition.

	 <ol style="list-style-type: none"> Repeat the above steps to create another Event Definition named Maintenance. The Trigger Tag for this Event should be SL1.AL.MAINTENANCE. Repeat the above steps to create another Event Definition named Changeover. The Trigger Tag for this Event should be SL1.AL.CHANGEOVER.
Create System Not Scheduled Event	<ol style="list-style-type: none"> Right-click on System Not Scheduled Events and select New Event Definition. In the Event Definition Properties, type System Not Scheduled for the Name. For the Trigger Tag, find and pick SL1.SNS.MANUAL. For the OEE Event Type, select System Not Scheduled. Click OK to save this Event Definition. Restart Logic Manager for the configuration changes to take effect.
Manual Events in Event Monitor	<ol style="list-style-type: none"> Run the TrakSYS Event Monitor application from your desktop. Set the Current Job by clicking on  button, typing L1-DIET-1234 for Job in Job Properties page and clicking OK.  <ol style="list-style-type: none"> In TrakSYS Event Monitor application, activate a maintenance event by clicking the Maintenance button

under **Manual Events**.



- Click the **Maintenance** button again under **Manual Events** to end the Event. The Event color will change from red to green, indicating that it is no longer active.
- Double-click the **Maintenance** Event in the **Event List**. Acknowledge the Event by clicking the **Acknowledge** button. The Event will disappear from the **Event List**.
- Go to the **webTrak** and open a System Event Summary (DateTime) report. Expand the **Maintenance** Event Definition and open the Event Detail report.



Lab 10: Configuration Manager – OEE Calculations and OEE Counters

Objectives	• Create OEE Calculations
Estimated Time to Complete This lab	15 minutes

In this lab you will create special Tags and Counters to use in an OEE Calculation for your Soda Line. You will use this OEE Calculation for KPI reports in the next Lab.

Tasks	Detailed Steps						
Create Virtual Tags for Theoretical Rates	<div>1. Go to the Tags panel in the Configuration Manager tree view. Right-click the Product Tag Group and create the following Virtual Tags:</div> <div><div>Name: SL1.PRODUCT.CANS_PER_MINUTE Tag Group: Product Data Type: Integer Value: 360</div><div>Name: SL1.PRODUCT.SECONDS_PER_CAN Tag Group: Product Data Type: Float Value: 0.166</div><div>Name: SL1.PRODUCT.CANS_PER_CASE Tag Group: Product Data Type: Integer Value: 24</div></div>						
Create OPC Tags for OEE Counters	<div>1. Create the following OPC Tags. Select OEE Counters for the Tag Group and Integer for the Data Type. Select Soda Line 01 PLC as the Access Name.</div> <table><tr><th>Tag Name</th><th>Item Name</th></tr><tr><td>SL1.OEE.BAD_CANS.FILLER</td><td>N7: 1</td></tr><tr><td>SL1.OEE.BAD_CANS.LABELER</td><td>N7: 2</td></tr></table>	Tag Name	Item Name	SL1.OEE.BAD_CANS.FILLER	N7: 1	SL1.OEE.BAD_CANS.LABELER	N7: 2
Tag Name	Item Name						
SL1.OEE.BAD_CANS.FILLER	N7: 1						
SL1.OEE.BAD_CANS.LABELER	N7: 2						
Create an OEE Calculation	<div>1. In the Areas and Systems panel of Configuration Manager, under the Soda Line 01 Area, right-click the Soda Line 01 System and select New OEE Calculation from the menu list.</div> <div>2. In the OEE Calculation Properties page, go to the General tab and type Soda Line 01 OEE for the Name.</div> <div>3. Type 5 for Interval Duration (Minutes).</div> <div>4. For the Rate (Total Calculation Units / Minute), select Tag and then find and select SL1.PRODUCT.CANS PER MINUTE.</div>						

5. For the **Rate (Seconds / Good Calculation Unit)** select **Tag** and then find and pick **SL1.PRODUCT.SECONDS_PER_CAN**.
6. For the **Derived Input**, select **Total**.
7. For the **Calculation Units**, type **Cans**.

The screenshot shows the 'OEE Calculation Properties' dialog box with the 'General' tab selected. The 'Name' field is 'Soda Line 01 OEE'. The 'Description' field is empty. Under the 'General' section, 'Interval Duration (Minutes)' is set to 30. 'Rate (Total Calculation Units / Minute)' is set to 'Tag' and 'SL1.PRODUCT.CANS_PER_MINUTE'. 'Rate (Seconds / Good Calculation Unit)' is set to 'Tag' and 'SL1.PRODUCT.SECONDS_PER_CAN'. 'Derived Input' is set to 'Total'. 'Calculation Units' is set to 'Cans'. The 'Enabled' checkbox is checked. 'OK' and 'Cancel' buttons are at the bottom right.

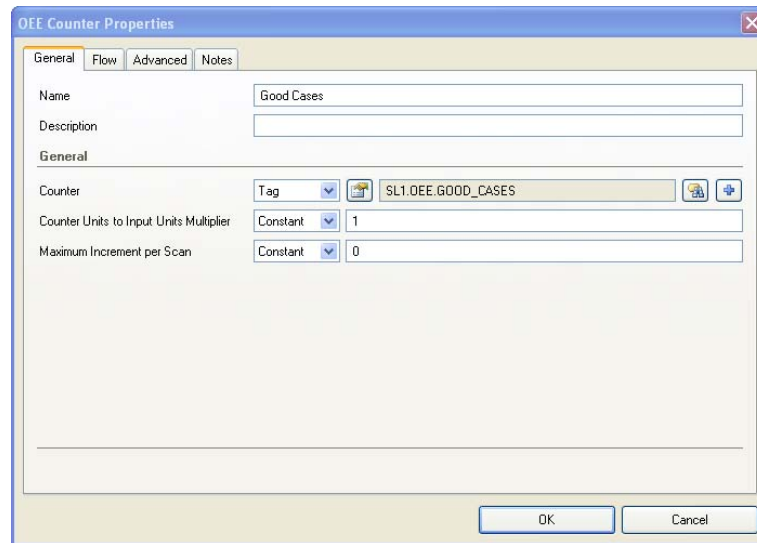
8. In the **Good Counters** tab, type **Cases** for **Input Units**.
9. For **Input Units to Calculation Units Multiplier** select **Tag** and then find and select **SL1.PRODUCT.CANS_PER_CASE**.

The screenshot shows the 'OEE Calculation Properties' dialog box with the 'Good Counters' tab selected. The 'Name' field is 'Soda Line 01 OEE'. The 'Description' field is empty. Under the 'Good Counters' section, 'Input Units' is set to 'Cases'. 'Input Units to Calculation Units Multiplier' is set to 'Tag' and 'SL1.PRODUCT.CANS_PER_CASE'. There is a table for 'Good Cases' with columns 'Name' and 'Value'. To the right of the table are buttons 'New', 'Remove', and 'Properties'. Below the table, 'Flow On Input Units Count' is set to 'Constant' and '0'. 'Flow On Period (Seconds)' is set to 'Constant' and '0'. 'Flow Off Delay (Seconds)' is set to 'Constant' and '0'. The 'Enabled' checkbox is checked. 'OK' and 'Cancel' buttons are at the bottom right.

10. Click **New** to create a **Good Counter**. In the **OEE Counter Properties** page:

- Type **Good Cases** for the **Name**.
- Select **Tag** for the **Counter** and then find and

- select the **SL1.OEE.GOOD_CASES** Tag.
- Select **Constant** for the **Counter Units to Input Units Multiplier** and type **1**.
- Click **OK**.



11. In the **Bad Counters** tab, type **Cans** for **Input Units**.
12. For the **Input Units to Calculation Units Multiplier**, select **Constant** and type **1** for the value.
13. Click **New** to create a **Bad Counter**. In the **OEE Counter Properties** page:
 - Type **Bad Cans for Filler** for the **Name**.
 - Select **Tag** for the **Counter** and then find and select the **SL1.OEE.BAD_CANS.FILLER** tag.
 - Select **Constant** for the **Counter Units to Input Units Multiplier** and type **1**.
 - Click **OK**.
14. Create another **Bad Counter** by clicking **New** and then in the **OEE Counter Properties** page:
 - Type **Bad Cans for Labeler** for the **Name**.
 - Select **Tag** for the **Counter** and then find and select the **SL1.OEE.BAD_CANS.LABELER** tag.
 - Select **Constant** for the **Counter Units to Input Units Multiplier** and type **1**.
 - Click **OK**.
15. Go to the **Target** tab and enter the following values for **Baselines and Targets**:

Baselines	Value	Targets	Value
Baseline OEE%	35	Target OEE%	70
Baseline Availability%	85	Target Availability%	100
Baseline Performance%	40	Target Performance%	90
Baseline Quality%	80	Target Quality%	95
Baseline TEEP%	20	Target TEEP%	60

OEE Calculation Properties

General Total Counters Good Counters Bad Counters Capture VTRs Display Units **Targets** Advanced Notes

Name: Soda Line 01 OEE

Description:

Baselines and Targets

Baseline OEE %	35	Target OEE %	70
Baseline Availability %	85	Target Availability %	100
Baseline Performance %	40	Target Performance %	90
Baseline Quality %	80	Target Quality %	95
Baseline TEEP %	20	Target TEEP %	60

☒ Enabled

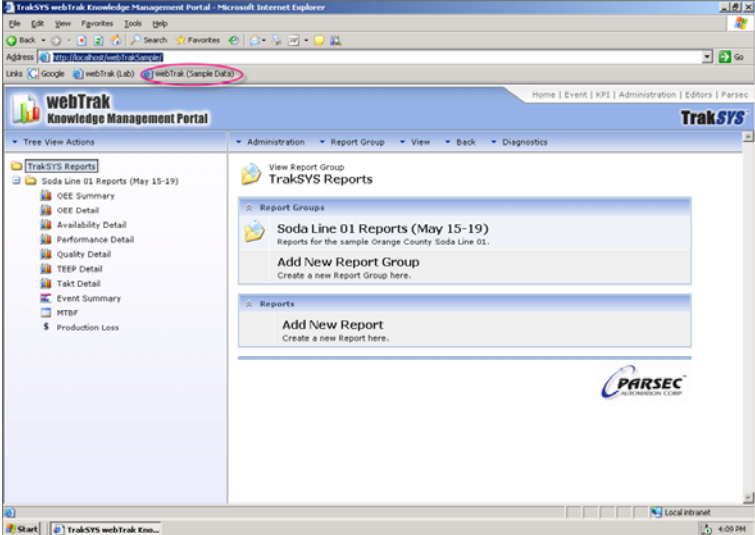
OK Cancel

16. Click **OK** to save the OEE Calculation.
17. Restart **Logic Manager** to load the new configuration changes.

Lab 11: webTrak – KPI Reports

Objectives	<ul style="list-style-type: none"> Examine different KPI reports
Estimated Time to Complete This lab	15 minutes

In this lab, you will open an OEE Summary sample report and other KPI Detail reports in webTrak.

Tasks	Detailed Steps
Open an OEE Summary Report	<ol style="list-style-type: none"> Click on webTrak (Sample Data) link on your browser window.  <ol style="list-style-type: none"> In the TrakSYS Reports tree view, under Soda Line 01 Reports (May 15-19), click the OEE Summary Report. Notice the OEE Calculation is pre-selected for [Soda Line 01] Soda Line 01 OEE, and the Start Date and End Date are set to May 15, 2006 to May 19, 2006. Click the Open button to View the report, which displays aggregate OEE and related KPI data for the selected date range.

OEE Summary ([Soda Line 01] Soda Line 01 OEE)

5/15/2006 - 5/19/2006

OEE	Initial	Adjusted
OEE	34.1 %	34.1 %
Availability	84.3 %	84.3 %
Performance	44.2 %	44.2 %
Quality	91.5 %	91.5 %
TEEP	20.1 %	20.1 %
Takt	10.06	10.06

Time

	Initial	Adjusted
Total	118:00:00	118:00:00
System Not Scheduled [NS]	20:45:41	20:45:41
Net Operation	97:13:19	97:13:19
Availability Loss [AL]	15:12:13	15:12:13
Production [PROD]	82:00:06	82:00:06

Production

	Initial	Adjusted
Cans [Good]	715,872.0	715,872.0
Cans [Bad]	66,294.0	66,294.0
Cans [Total]	782,166.0	782,166.0
Cases [Good]	29,350.8	29,350.8
Cases [Bad]	2,718.1	2,718.1
Cases [Total]	32,068.9	32,068.9

Report Generated 5/22/2006 3:31:52 PM

Open an OEE Detail Report

1. Under the same Report Group, open the **OEE Detail Report**.
2. Notice the report is grouped by **Shift**.
3. Click on any bar on the graph to view the second section of the report containing a tabular representation of the data.

OEE Detail ([Soda Line 01] Soda Line 01 OEE)

5/15/2006 - 5/19/2006

OEE	Good [Cases]	Bad [Cases]	Total [Cases]	Availability	Performance	Quality	OEE
	29,350.8	2,718.1	32,068.9	84.3 %	44.2 %	91.5 %	34.1 %

Report Generated 5/22/2006 4:44:35 PM

OEE Detail ([Soda Line 01] Soda Line 01 OEE)

5/15/2006 - 5/19/2006

Shift	Good [Cases]	Bad [Cases]	Total [Cases]	Availability	Performance	Quality	OEE
15 May 2006 Day Shift	2,939.2	270.9	3,210.1	91.6 %	47.4 %	91.6 %	35.2 %
15 May 2006 Night Shift	2,963.5	255.6	3,219.1	87.5 %	41.7 %	92.1 %	33.6 %
16 May 2006 Day Shift	3,160.6	246.6	3,407.2	84.1 %	50.1 %	92.8 %	39.1 %
16 May 2006 Night Shift	2,828.0	298.6	3,126.6	86.2 %	29.4 %	90.5 %	30.7 %
17 May 2006 Day Shift	2,355.7	297.9	2,653.6	91.7 %	29.8 %	98.8 %	28.3 %
17 May 2006 Night Shift	3,058.3	309.8	3,368.1	85.5 %	45.1 %	90.8 %	35.0 %
18 May 2006 Day Shift	3,417.4	223.0	3,640.5	82.7 %	30.1 %	93.9 %	39.0 %
18 May 2006 Night Shift	2,797.5	273.0	3,070.5	90.0 %	28.4 %	91.1 %	31.7 %
19 May 2006 Day Shift	3,254.1	275.7	3,529.8	89.9 %	39.3 %	92.2 %	36.7 %
19 May 2006 Night Shift	2,556.4	267.0	2,823.5	82.8 %	62.4 %	90.5 %	31.8 %
	29,350.8	2,718.1	32,068.9	84.3 %	44.2 %	91.5 %	34.1 %


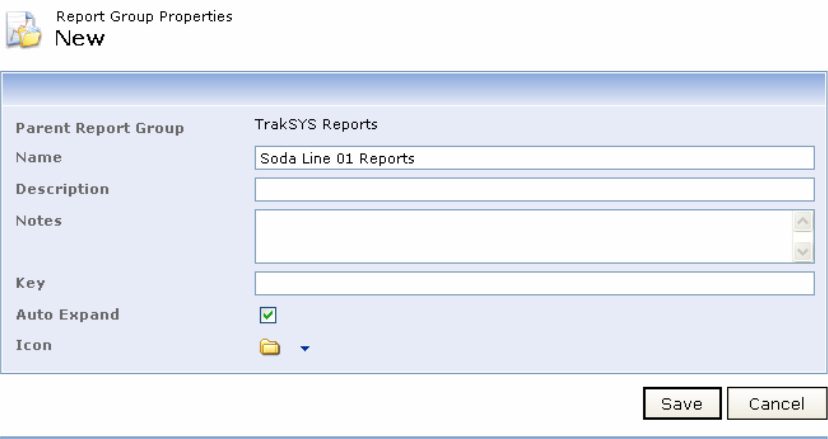
Report Generated 5/22/2006 4:52:51 PM

Open other KPI Detail Reports	<ol style="list-style-type: none">1. Open the following KPI detail reports and drill through the following reports:<ul style="list-style-type: none">• Availability Detail• Performance Detail• Quality Detail
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Lab 12: webTrak – Report Design

Objectives	<ul style="list-style-type: none"> Design reports with user-defined parameters
Estimated Time to Complete This lab	20 minutes

In this lab, you will use the Report Designer to design new reports with custom parameter settings. If you have just done the Lab 11, you need to go back to the TrakSYS webTrak.

Tasks	Detailed Steps
Create a new Report Group	<ol style="list-style-type: none"> Click on webTrak (Lab) link on your browser window if you still have webTrak (Sample Data) website open. In the webTrak tree view, click the TrakSYS Reports group. In the right window, under Report Groups, click Add New Report Group. On the Report Group Properties page, type Soda Line 01 Reports for the Name of the new report group, check the Auto Expand checkbox, and select  for the group's Icon. Click Save button to save this Report Group. <p></p>
Create New Reports	<ol style="list-style-type: none"> Click the new Soda Line 01 Reports Group in the webTrak tree view. On the View Report Group page, click Add New Report. On Select Report Type page, click OEE Summary. On the Report Design page: <ol style="list-style-type: none"> Type OEE Summary (Current Week) for the Name of the Report. Select the [Soda Line 01] Soda Line 01 OEE for OEE Calculation. Select Week Start for the Start Date. Select Today for the End Date. Click the Save button to save this report.

Report Design
OEE Summary (Current Day)

> OEE Summary (Current Day)

Name: OEE Summary (Current Week)
 Description: OEE Summary for a selected OEE Calculation.
 Auto Open: ☐
 Icon:

> OEE Summary (Current Day) (Advanced)

Save Cancel

Database

Reporting Services

General

OEE Calculation: [Soda Line 01] Soda Line 01 OEE

Start Date: May 3 2006
 Week Start: + 0
 First Day of Week: Sunday
 Format: G

End Date: May 3 2006
 Today: + 0
 First Day of Week: Sunday
 Format: G

Include Exceptions: No

Show Chart Data Labels: No

5. Add another new report to the **Soda Line 01** Report Group and select **System Event Summary (DateTime)** for the **Report Type**.
6. On the **Report Design** page:
 - a. Type **System Event Summary (Current Week)** for the **Name** of the Report.
 - b. Select **Soda Line 01** for the **Area**.
 - c. Select **Soda Line 01** for the **System**.
 - d. Select **Week Start** for the **Start Date**.
 - e. Select **Today** for the **End Date**.
 - f. Select **Pareto Chart by Duration** for the default **Display Type**.
 - g. Click **Save** button to save this report.
7. Click on and open each of the new reports to view them.

Lab 13: Tag Import

Objectives	<ul style="list-style-type: none"> Use the TrakSYS Tag Import application to batch import Tags
Estimated Time to Complete This lab	10 minutes

In this Lab, you will use the TrakSYS Tag Import application to import Tags directly into the EDB database, without having to manually create the Tags in Configuration Manager.

Tasks	Detailed Steps																																			
Open the Tag Import Template	1. Go to Start All Programs Parsec TrakSYS Import Tag Import Template .																																			
Create Tags in Import Template	<div>1. Fill out the Excel Template with the following information about Tags:</div> <table><tr><th>Tag Group</th><th>Access Name</th><th>Tag Name</th><th>Data Type</th><th>Item Name</th><th>Default Value</th><th>Store</th></tr><tr><td>Soda Line 01\Imported Tags</td><td></td><td>SL1.TEST01</td><td>BOOL</td><td></td><td>0</td><td>1</td></tr><tr><td>Soda Line 01\Imported Tags</td><td>Soda Line 01 PLC</td><td>SL1.TEST02</td><td>INT</td><td>N7:4</td><td>4</td><td>1</td></tr><tr><td>Soda Line 01\Imported Tags</td><td></td><td>SL1.TEST03</td><td>STRING</td><td></td><td>25</td><td>1</td></tr><tr><td>Soda Line 01\Imported Tags</td><td></td><td>SL1.TEST04</td><td>FLOAT</td><td></td><td>1.3</td><td>1</td></tr></table> <div>2. Save the file as a CSV file by selecting the File Save As menu option. Type TagImport1 for the File Name and select CSV (Comma Delimited) (*.csv) for the Save as type. Save the file to the Desktop. Click the Save button.</div> <div>3. Close Microsoft Excel before importing Tags.</div>	Tag Group	Access Name	Tag Name	Data Type	Item Name	Default Value	Store	Soda Line 01\Imported Tags		SL1.TEST01	BOOL		0	1	Soda Line 01\Imported Tags	Soda Line 01 PLC	SL1.TEST02	INT	N7:4	4	1	Soda Line 01\Imported Tags		SL1.TEST03	STRING		25	1	Soda Line 01\Imported Tags		SL1.TEST04	FLOAT		1.3	1
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Import Tags	<div>1. Go to Start All Programs Parsec TrakSYS Import Tag Import.</div> <div>2. Click the Browse button to find and select the TagImport1.csv file as the Tag Source File. Click the Next button.</div> <div>3. When the Tag Import Completed message appears, click the Finish button.</div> <div>4. To view more detailed results of the import, open the Log File saved on your desktop.</div>																																			
View Imported Tags	<div>1. Close the Configuration Manager and re-open it.</div> <div>2. Go to the Tags panel and expand the Soda Line 01 Tag group. There should be a new Tag Group called Imported Tags.</div> <div>3. Click the Imported Tags Tag Group. You should see the 4 imported tags (one OPC and 3 Virtual Tags) in the right pane.</div>																																			

