



Conveyor Belt Monitoring System

Web Application Design

Design Rationale

The problem I'm solving

Conveyor belts running in dusty and harsh environments, such as mines, run the risk of overheating of the Idlers that can lead to fires. With YOKOGAWA Conveyor Belt Temperature Monitoring Solution / Application User Gets an Overview of the Temperature of Idlers which support Conveyor Belt is monitored continuously over the entire length (End to End) preventing fires by detecting Problematic Idlers.

The Solution/Application can monitor up to 5 km of conveyor belt and provides fast and accurate information about overheating before a fire Occurs. The temperature of the Idler Nodes is measured Reported in the interval of every 10 minutes. The first treatment should be made within one hour from initial temperature raising. Quick and right action should be done to Prevent unexpected production stop caused by fire.

Work Order Alert the Field maintainer Contractor to take Quicker Remedial Action.

Report For analyzing the Data & also user can do Print, View.

The Persona

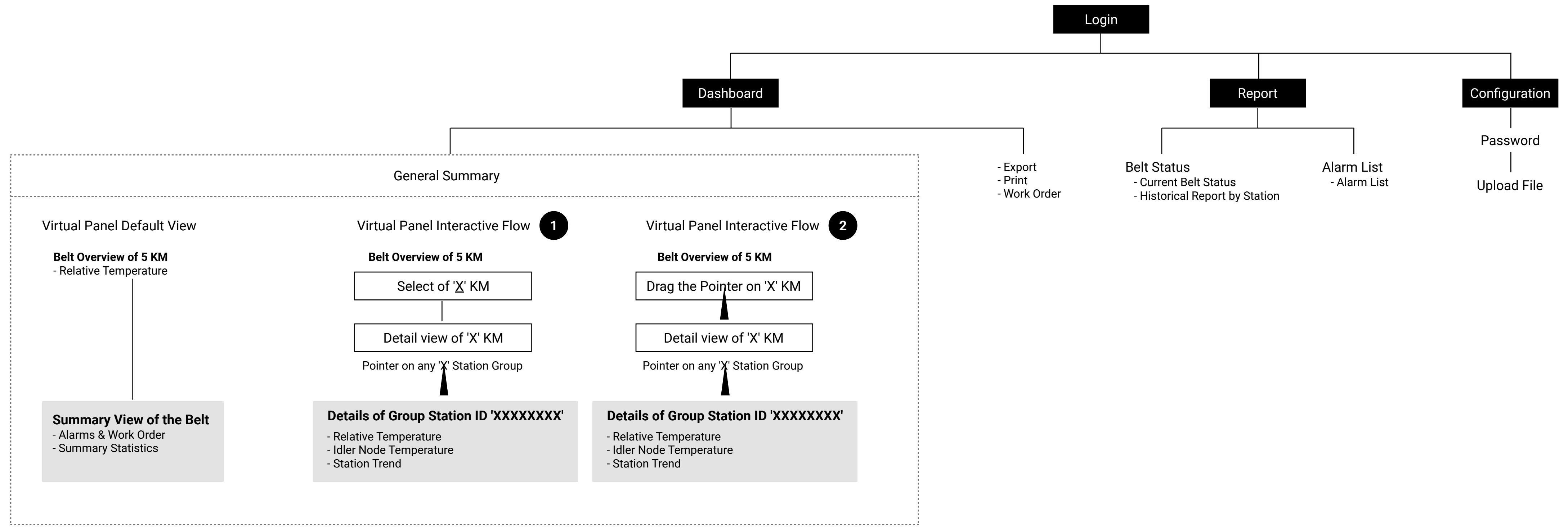


Plant Maintenance Manager

Location Brazil & Chile
Devices: Laptop/ Desktop

Tasks


- Monitor & analyze
- Release Work Order
- Generate Reports
- Upload Configuration Setup



Low Fidelity Design

Conveyor Belt Monitoring System

 Username

 Password

Login

[FORGOT PASSWORD](#)

Dashboard

Export

Print

+ Work Order

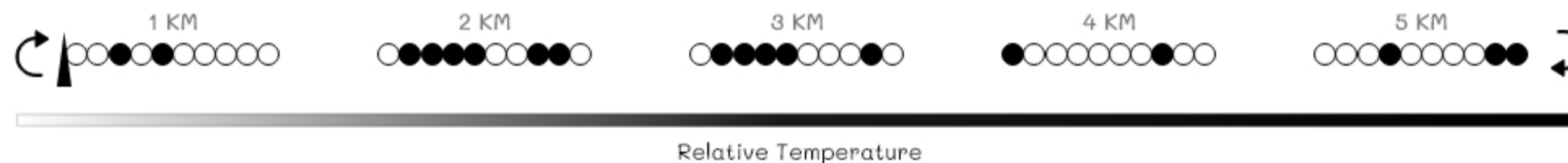
General Summary

3 Dec, 2019

03:45 PM

Active

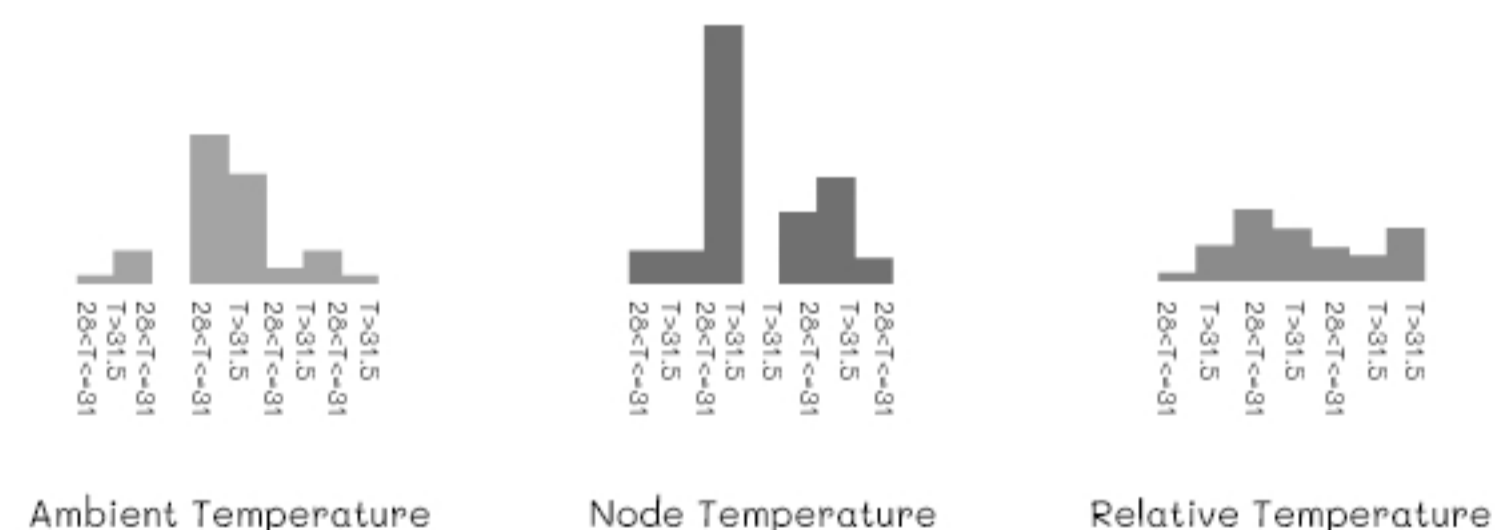
Belt Overview



Alarms 63 Work Order

Idler Info	Date & Time	Alarm Description	Severity
012345678	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
014567788	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
023456779	3 Dec, 2019 3:45 PM	Tristiquesene ctus etnetuset...	High
022345099	3 Dec, 2019 3:45 PM	Fgrruyuy senectus et netus...	Low
020124577	3 Dec, 2019 3:45 PM	Sit amet t netus et malesuada...	Medium
028495644	3 Dec, 2019 3:40 PM	Tristique senectus et netus et...	Medium
036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low
033467832	3 Dec, 2019 3:40 PM	Senectus et netus et malesad...	High
036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low

Summary Statistics



Dashboard

Export Print

+ Work Order

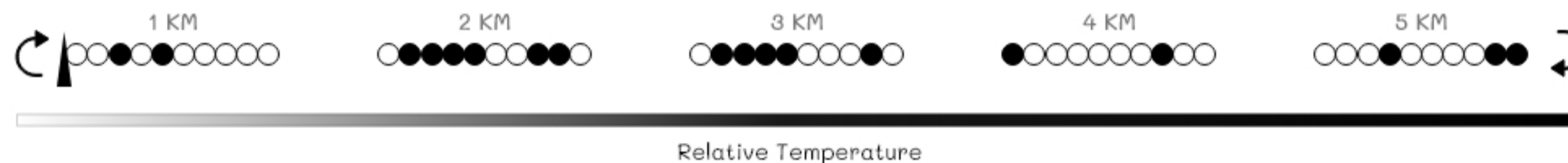
General Summary

3 Dec, 2019

03:45 PM

Active

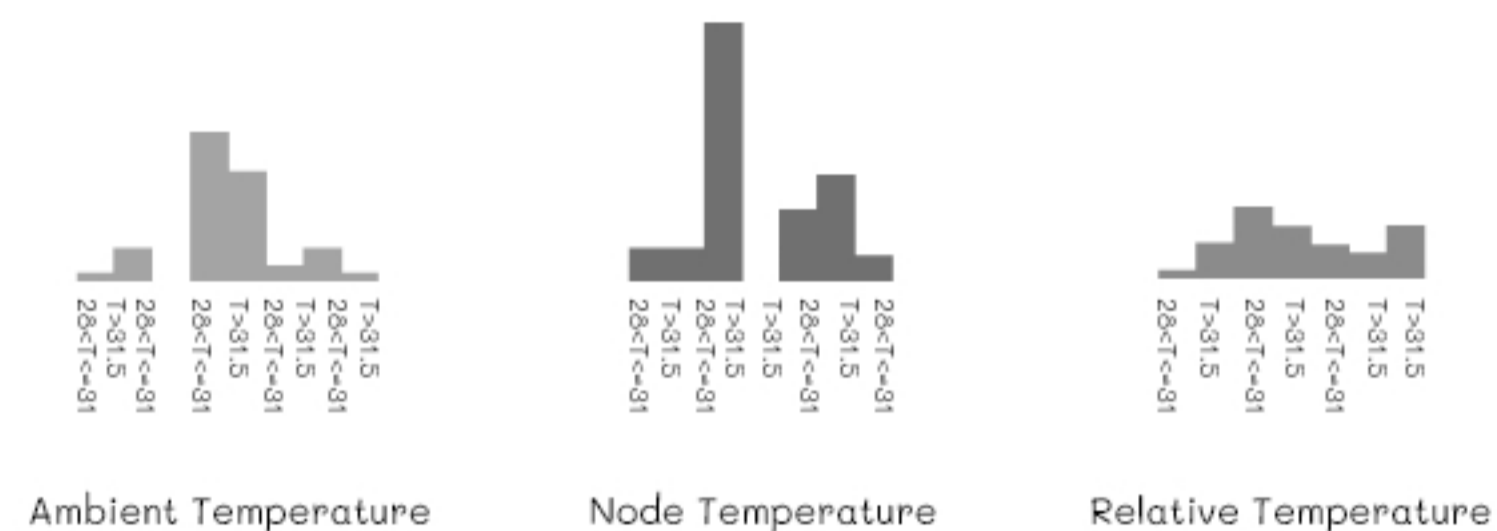
Belt Overview



Alarms ⁶³ Work Order

Idler Info	Date & Time	Severity	Status
012345678	3 Dec, 2019 3:45 PM	High	Work Order
014567788	3 Dec, 2019 3:45 PM	High	Work Order
023456779	3 Dec, 2019 3:45 PM	High	Work Order
022345099	3 Dec, 2019 3:45 PM	Low	Work Order
020124577	3 Dec, 2019 3:45 PM	Medium	Work Order
028495644	3 Dec, 2019 3:40 PM	Medium	Completed
036677834	3 Dec, 2019 3:40 PM	Medium	Completed
035674590	3 Dec, 2019 3:40 PM	Low	Re-Work Order
033467832	3 Dec, 2019 3:40 PM	High	Re-Work Order
036677834	3 Dec, 2019 3:40 PM	Medium	Work Order
035674590	3 Dec, 2019 3:40 PM	Low	Completed

Summary Statistics



Dashboard

Export Print

+ Work Order

General Summary

3 Dec, 2019

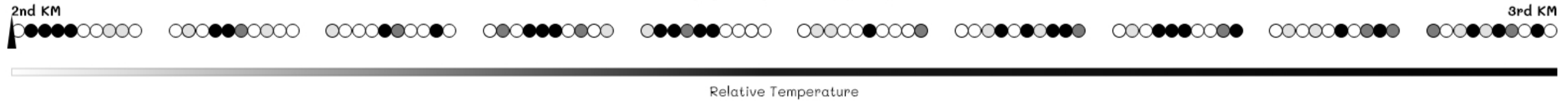
03:45 PM

Active

Belt Overview



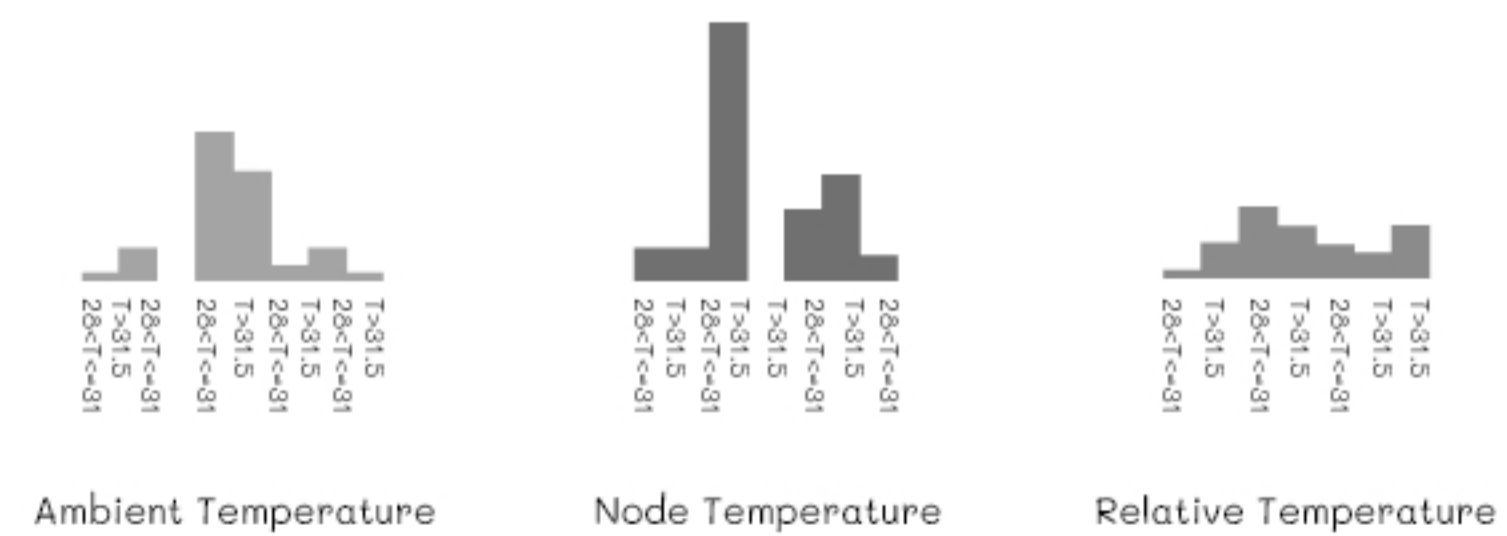
Detail view of 3rd KM



Alarms ⁸³ Work Order

Idler Info	Date & Time	Alarm Description	Severity
012345678	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
014567788	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
023456779	3 Dec, 2019 3:45 PM	Tristiquesene ctus etnetuset...	High
022345099	3 Dec, 2019 3:45 PM	Fgruyuy senectus et netus...	Low
020124577	3 Dec, 2019 3:45 PM	Sit amet t netus et malesuada...	Medium
028495644	3 Dec, 2019 3:40 PM	Tristique senectus et netus et...	Medium
036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low
033467832	3 Dec, 2019 3:40 PM	Senectus et netus et malesad...	High
036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low

Summary Statistics



Dashboard

Export Print

+ Work Order

General Summary

3 Dec, 2019

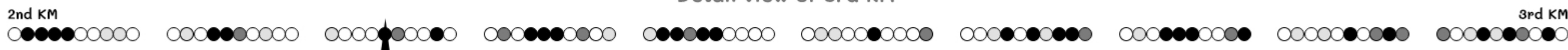
08:45 PM

Active

Belt Overview



Detail view of 3rd KM



Details of Group Station ID 013456789

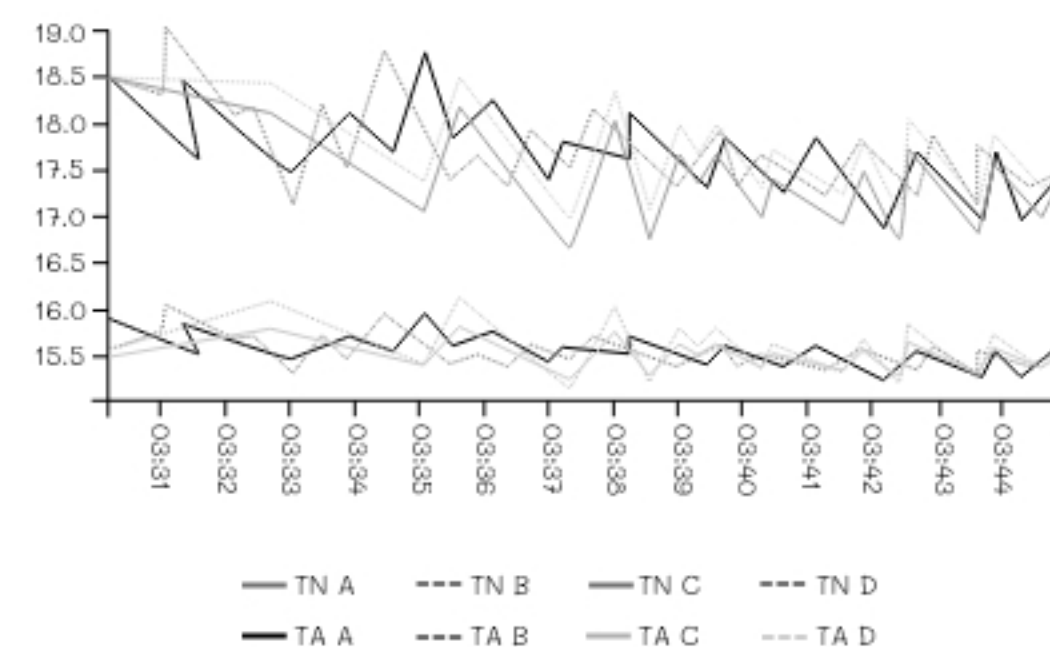


Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TN A	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TA A	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN B	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TA B	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN C	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TA C	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TN D	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TA D	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Station Trend

Trend Time 15 Mins



Dashboard

Export Print

+ Work Order

General Summary

3 Dec, 2019

03:45 PM

Active

Belt Overview



Details of Group Station ID 013456789

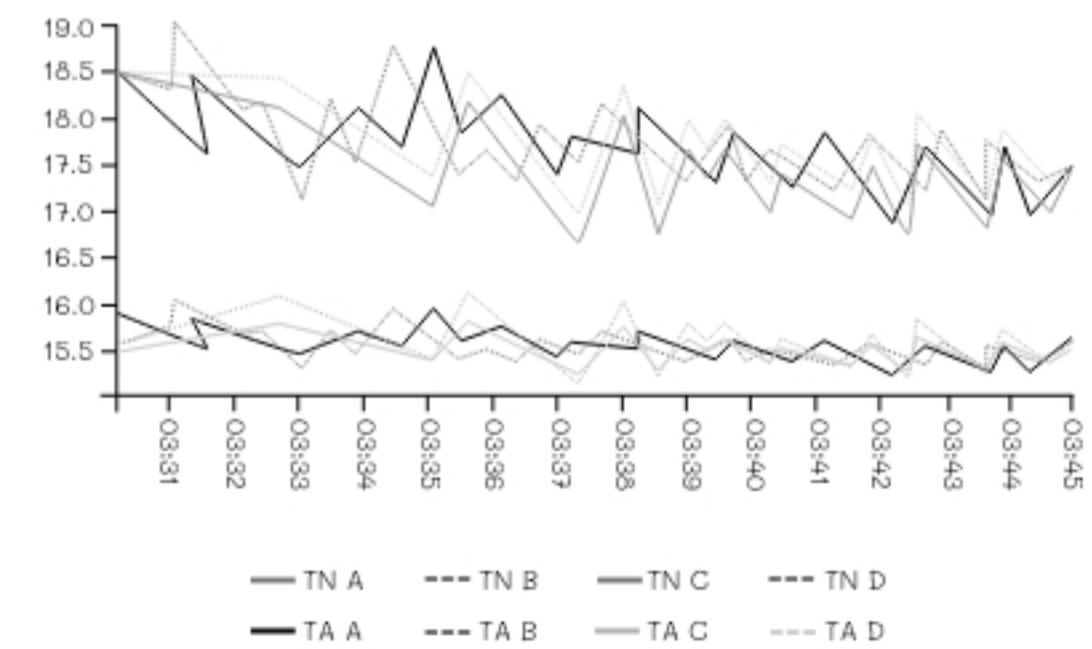


Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TN A	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TA A	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN B	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TA B	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN C	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TA C	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TN D	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TA D	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Station Trend

Trend Time 15 Mins





Report

[Export](#) [Print](#)

Belt Status Alarm List ⁶³

Current Belt Status

Generate

Historical Report by Station

Station No Hours ▾

Generate

Report

Export Print

Belt Status **Alarm List** ⁶³


From ↔ To

Idler Info	Date & Time	Alarm Description	Severity
01 23456 78	3 Dec, 2019 3:45 PM	Egestasegestas fringilla tristNode 0011B	High
01 45677 88	3 Dec, 2019 3:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 3:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 3:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 01245 77	3 Dec, 2019 3:45 PM	Sit amet t netus et malesuada Node 018C	Medium
02 84956 44	3 Dec, 2019 3:40 PM	Tristique senectus et netus metristiq 0200C	Medium
03 66778 34	3 Dec, 2019 3:40 PM	Sit ametristique senectus et Node 0198D	Medium
03 56745 90	3 Dec, 2019 3:40 PM	Sit ametristique senectus et Node 0198D	Low
03 34678 32	3 Dec, 2019 3:40 PM	Senectus et netus malesad temp Node 0126B	High
03 66778 34	3 Dec, 2019 3:40 PM	Egestasegestas fringilla Node 0343A	High
03 56745 90	3 Dec, 2019 3:35 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 01245 77	3 Dec, 2019 3:35 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 84956 44	3 Dec, 2019 3:35 PM	Sit amet t netus et malesuada Node 018C	Medium
03 66778 34	3 Dec, 2019 3:35 PM	Tristique senectus et netus metristiq 0200C	Medium
03 56745 90	3 Dec, 2019 3:30 PM	Sit ametristique senectus et Node 0198D	Medium
03 34678 32	3 Dec, 2019 3:30 PM	Sit ametristique senectus et Node 0198D	Low
03 66778 34	3 Dec, 2019 3:30 PM	Senectus et netus malesad temp Node 0126B	High
02 01245 77	3 Dec, 2019 3:35 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 84956 44	3 Dec, 2019 3:35 PM	Sit amet t netus et malesuada Node 018C	Medium
03 66778 34	3 Dec, 2019 3:35 PM	Tristique senectus et netus metristiq 0200C	Medium
03 56745 90	3 Dec, 2019 3:30 PM	Sit ametristique senectus et Node 0198D	Medium

Welcome to Configuration Upload, please use password to continue






[FORGOT PASSWORD](#) [UPDATE PASSWORD](#)

Upload Configuration File



UPLOAD
(Supported file format .CSV or, .xls)

My uploaded files

-  Config_2Dec2019.CSV
-  Config_13Nov2019.CSV
-  Config_12Oct2019.CSV
-  Config_10Sep2019.xls
-  Config_3Sep2019.xls

[View More...](#)

Dashboard

Export Print

+ Work Order

General Summary

3 Dec, 2019

08:45 PM

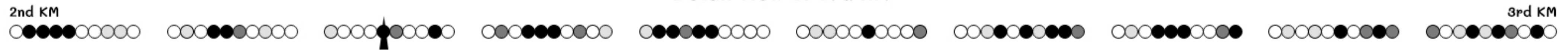
Active

Belt Overview

Position ID 013456789
Total Alarms 54 Nos



Detail view of 3rd KM



Details of Group Station ID 013456789



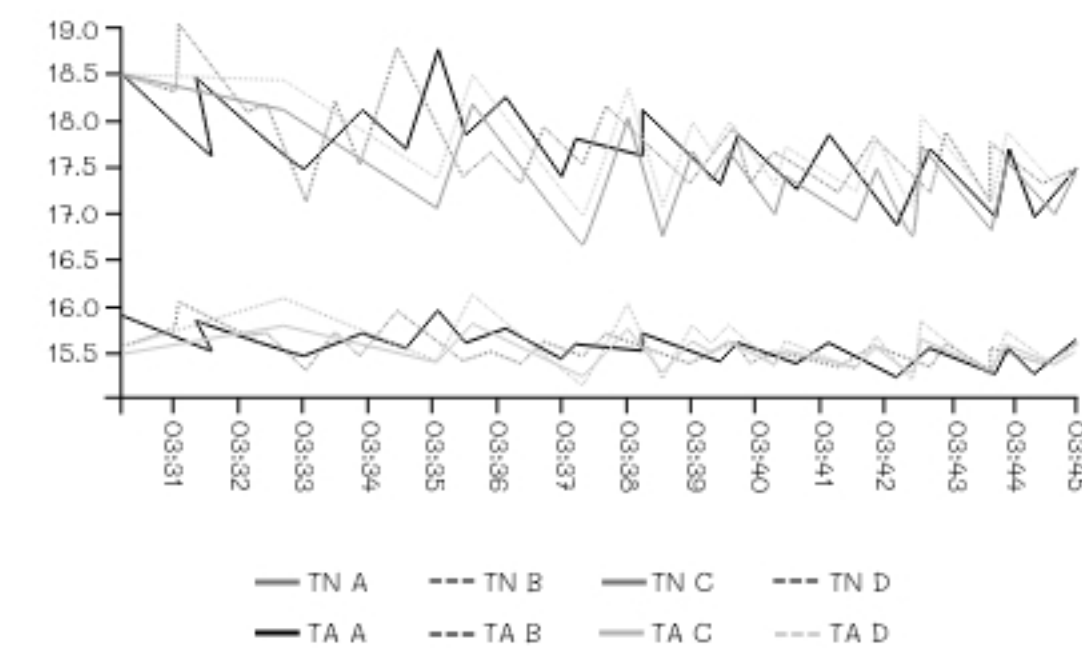
Relative Temperature

Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TN A	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TA A	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN B	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TA B	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN C	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TA C	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TN D	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TA D	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Station Trend

Trend Time 15 Mins

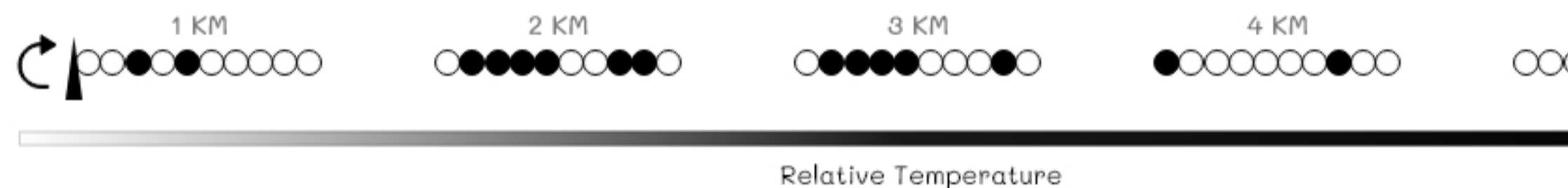




Dashboard

General Summary

Belt Overview



Alarms ⁶³ Work Order

Idler Info	Date & Time	Alarm Description	Severity
012345678	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
014567788	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
023456779	3 Dec, 2019 3:45 PM	Tristiquesene ctus etnetuset...	High
022345099	3 Dec, 2019 3:45 PM	Fgrruyuy senectus et netus...	Low
020124577	3 Dec, 2019 3:45 PM	Sit amet t netus et malesuada...	Medium
028495644	3 Dec, 2019 3:40 PM	Tristique senectus et netus et...	Medium
036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low
033467832	3 Dec, 2019 3:40 PM	Senectus et netus et malesad...	High
036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low

Alarms

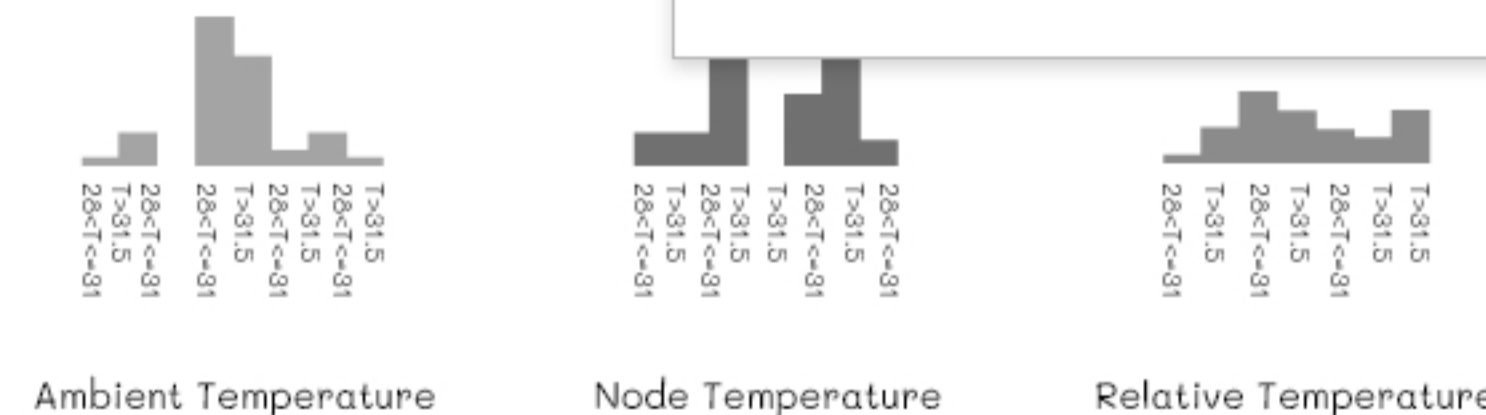
Sort: Recent

Group Station ID 013456789 15:45 PM 3 Dec, 2019

- Medium [View Details](#) [Work Order](#)
- Low [View Details](#) [Work Order](#)
- High [View Details](#) [Work Order](#)

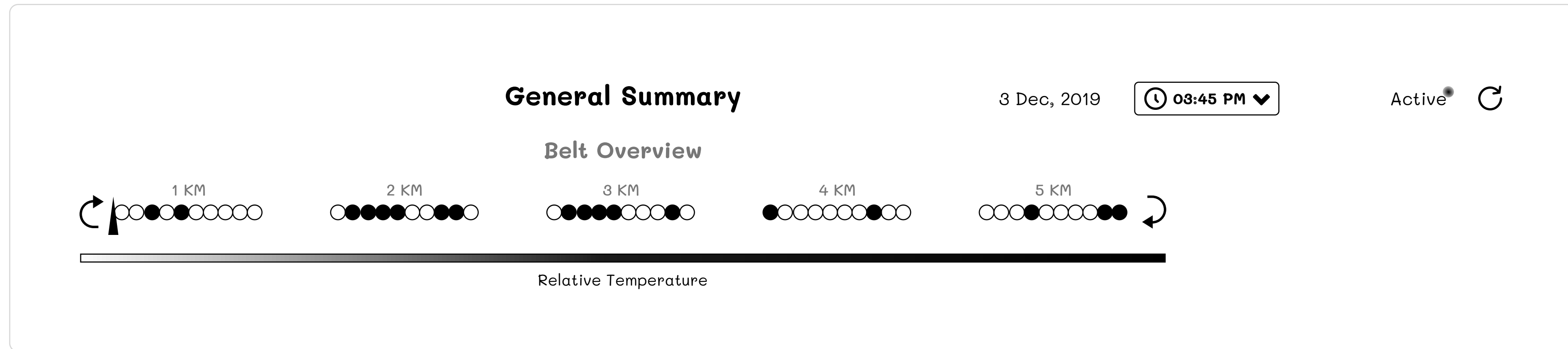
Group Station ID 013456789 15:30 PM 3 Dec, 2019

- High [View Details](#) [Work Order](#)
- Medium [View Details](#) [Work Order](#)
- High [View Details](#) [Work Order](#)



Virtual Panel of the Conveyor Belt /Idler

5KM Conveyor belt Idlers Mimicked in Smaller Circles to Fit the Full View of Entire Conveyor belt for End to end by which user Can get a realistic view Of the different type of Severity (High/Medium/Low) also by Interacting with application Controller panel give an Insight to Detailed view of the Selected Idler Station OR Station ID's Data with various Data visualization Patterns available on dashboard to assist the User to analyze to take Quick Decision & send Work Order with Detailed Speck of the Idler Station, Position ID etc. For a Quicker Remedial Action OR User can also View, Export, Print the Report to Check the Whereabouts & Health of the Idlers.



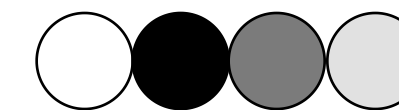
User Interaction Pattern



Pointer Drag & Drop on Desired Idler Group/Sub Group/ Station ID to view the drill down view Idler.

1 KM **2 KM** 3 KM

Clicking on 2 KM gives a drilldown view of 1 to 2 KM Range.



Mouseover Gives an Insight of Selected Idler.

Dashboard

Export Print

+ Work Order

Total of 5 KM Conveyor Belt View
 1 KM represents 0 KM to 1 KM
 2 KM represents 1 KM to 2 KM
 3 KM represents 2 KM to 3 KM
 4 KM represents 3 KM to 4 KM
 5 KM represents 4 KM to 5 KM

Filled Circle Represents particular Group Station which is having Severity Alarms High / Low / Medium)

Time Stamp shows the Real Time. User also can select/view different past time slot.

Active/Inactive state indicator, if status is inactive, user can refresh it to get the latest status.

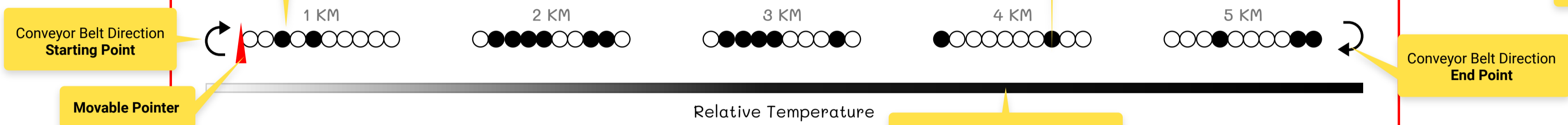
General Summary

3 Dec, 2019

03:45 PM

Active

Belt Overview

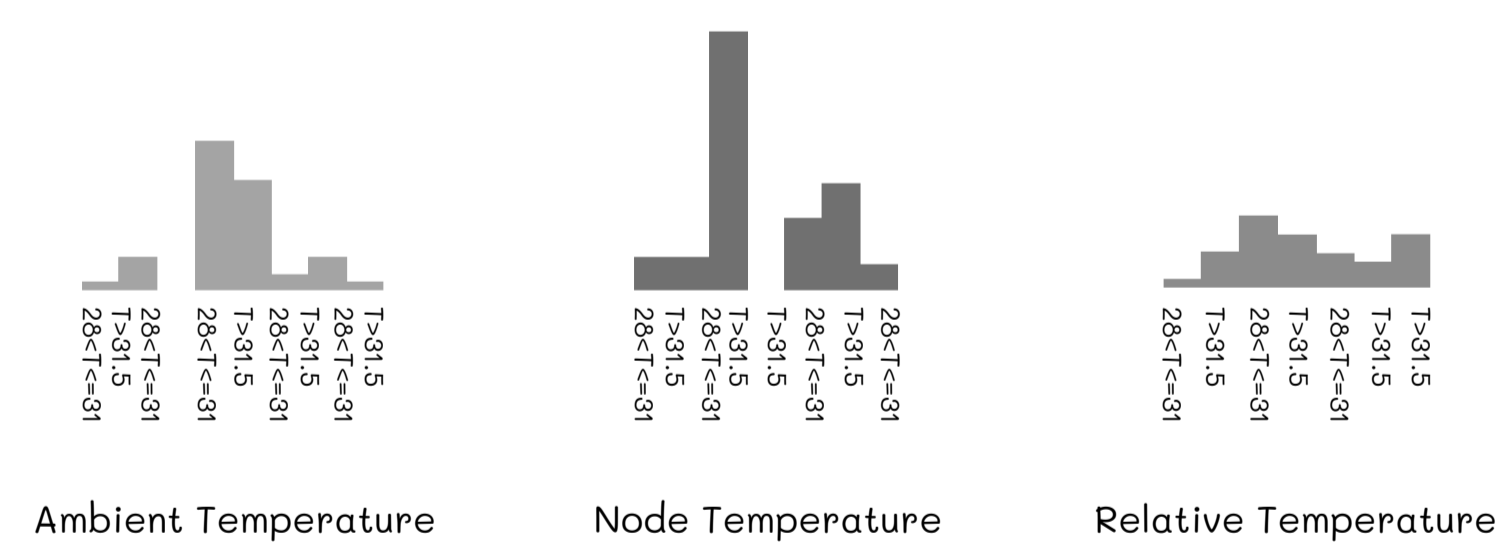


Relative Temperature of Conveyor Belt Display

Alarms 63 Work Order

Idler Info	Date & Time	Alarm Description	Severity
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014567788	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
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036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low

Summary Statistics



Interaction Pattern- BY SELECTING KM RANGE

Dashboard

Export Print

+ Work Order

Total of 5 KM Conveyor Belt View
 1 KM represents 0 KM to 1 KM
 2 KM represents 1 KM to 2 KM
 3 KM represents 2 KM to 3 KM
 4 KM represents 3 KM to 4 KM
 5 KM represents 4 KM to 5 KM

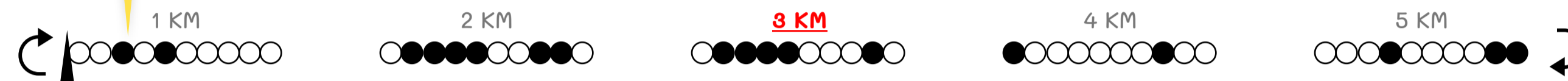
General Summary

3 Dec, 2019

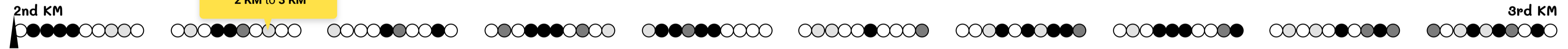
03:45 PM

Active

Belt Overview



Detail view of 3rd KM

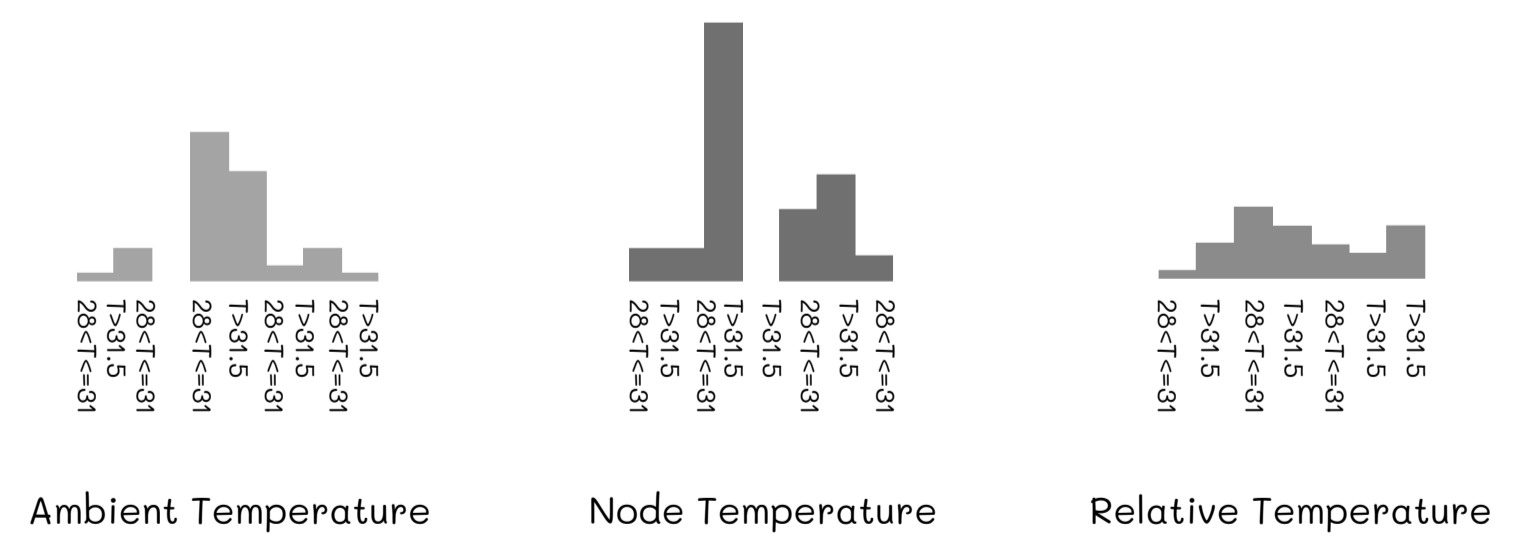


Relative Temperature

Alarms 63 Work Order

Idler Info	Date & Time	Alarm Description	Severity
012345678	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
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035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low

Summary Statistics



Dashboard

Total of 5 KM Conveyor Belt View
 1KM represents 0 KM to 1 KM
 2KM represents 1 KM to 2 KM
 3KM represents 2 KM to 3 KM
 4KM represents 3 KM to 4 KM
 5KM represents 4 KM to 5 KM

Mouse Over Information of Group Stations

General Summary

Belt Overview
 Position ID **013456789**
 Total Alarms **54 Nos**

Detail view of 3rd KM

Selected View for 3 KM
 2 KM to 3 KM

Details of Group Station ID 013456789

Selected View of Station ID 0123456789
 ID 0123456789-1
 ID 0123456789-2
 ID 0123456789-3
 ID 0123456789-4
 ID 0123456789-5
 ID 0123456789-6
 ID 0123456789-7
 ID 0123456789-8
 ID 0123456789-9
 ID 0123456789-10

Relative Temperature

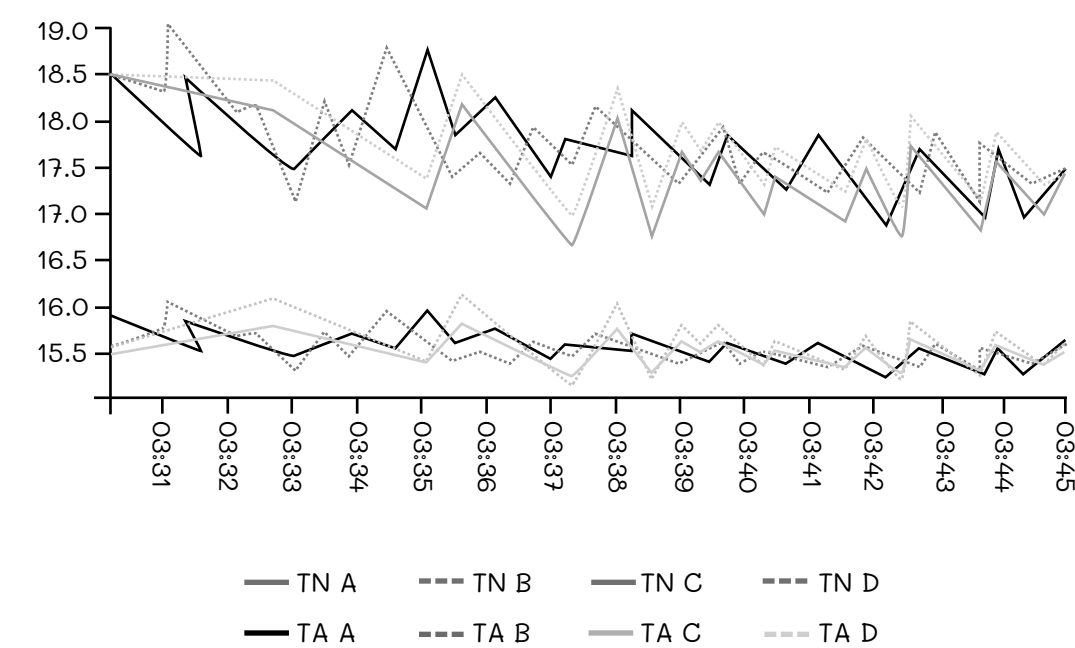
Alarms Sort: Recent

- Group Station ID **013456789** 15:45 PM 3 Dec, 2019
 - Medium [View Details](#) [Work Order](#)
 - Low [View Details](#) [Work Order](#)
 - High [View Details](#) [Work Order](#)
- Group Station ID **013456789** 15:30 PM 3 Dec, 2019
 - High [View Details](#) [Work Order](#)
 - Medium [View Details](#) [Work Order](#)
 - High [View Details](#) [Work Order](#)

Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TN A	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TA A	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN B	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TA B	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN C	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TA C	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TN D	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TA D	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Trend Time **15 Mins**



Interaction Pattern- BY SELECTING POINTER

Dashboard

Export Print

+ Work Order

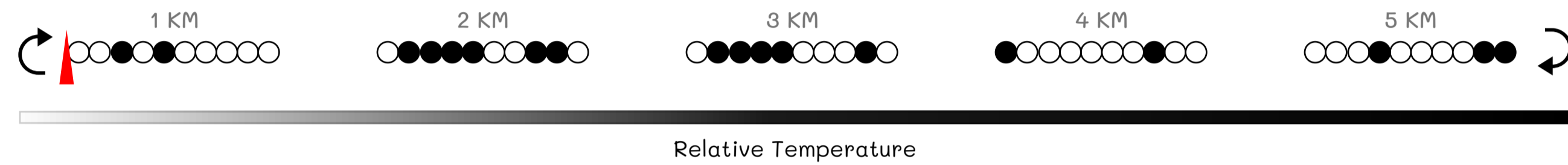
General Summary

3 Dec, 2019

03:45 PM

Active

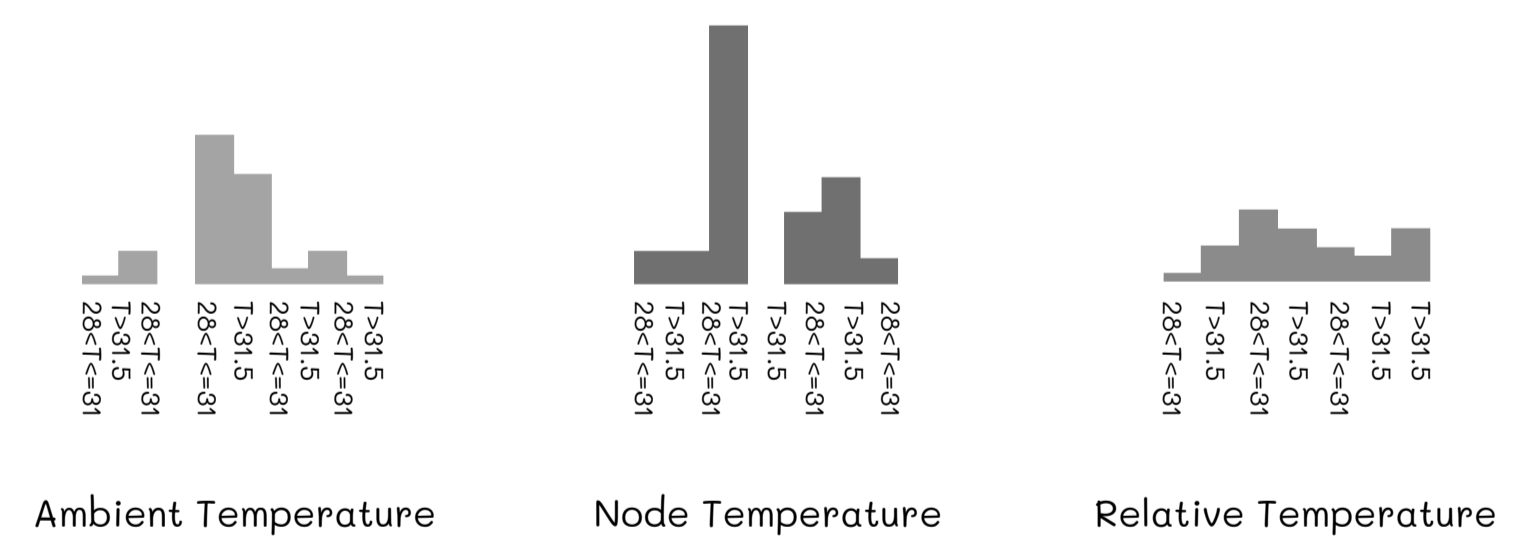
Belt Overview



Alarms ⁶³ Work Order

Idler Info	Date & Time	Alarm Description	Severity
012345678	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
014567788	3 Dec, 2019 3:45 PM	Egestasegestas fringilla...	High
023456779	3 Dec, 2019 3:45 PM	Tristiquesene ctus etnetuset...	High
022345099	3 Dec, 2019 3:45 PM	Fgrruyuy senectus et netus...	Low
020124577	3 Dec, 2019 3:45 PM	Sit amet t netus et malesuada...	Medium
028495644	3 Dec, 2019 3:40 PM	Tristique senectus et netus et...	Medium
036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low
033467832	3 Dec, 2019 3:40 PM	Senectus et netus et malesad...	High
036677834	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Medium
035674590	3 Dec, 2019 3:40 PM	Sit ametristique senectus et...	Low

Summary Statistics



Dashboard

Export Print

+ Work Order

When User use the Movable Pointer to select a Group station

General Summary

3 Dec, 2019

08:45 PM

Active

Belt Overview



Details of Group Station ID 013456789

Selected View of Station ID 0123456789

- ID 0123456789-1
- ID 0123456789-2
- ID 0123456789-3
- ID 0123456789-4
- ID 0123456789-5
- ID 0123456789-6
- ID 0123456789-7
- ID 0123456789-8
- ID 0123456789-9
- ID 0123456789-10



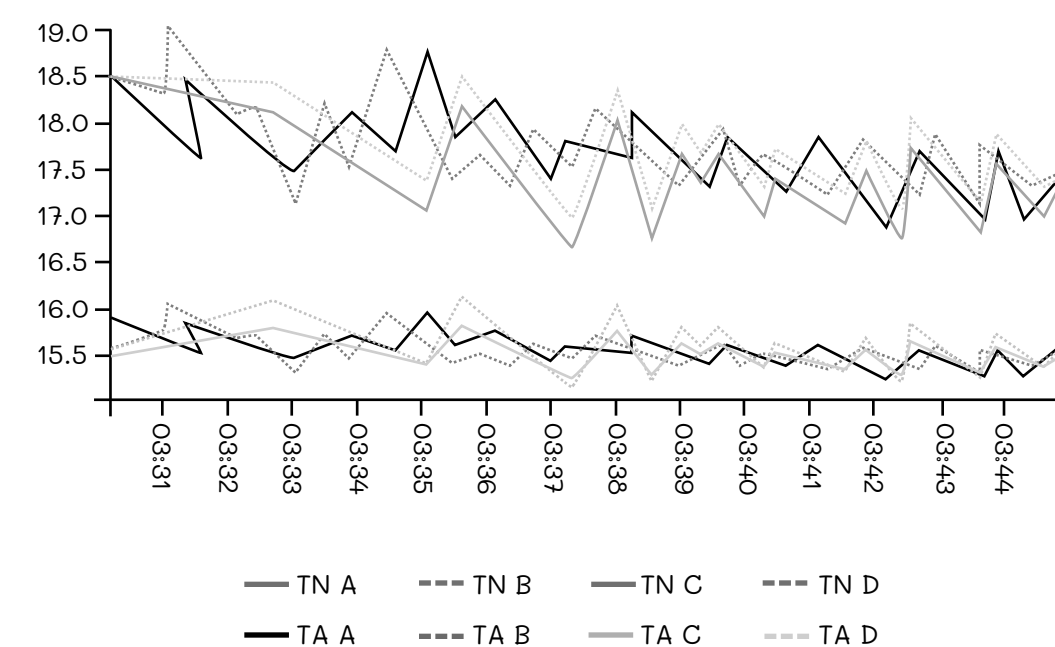
Relative Temperature

Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TN A	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TA A	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN B	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TA B	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TN C	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TA C	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TN D	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TA D	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Station Trend

Trend Time 15 Mins



High Fidelity Design

CONVEYOR BELT MONITORING SYSTEM

Version 1.0

User Name

joeblogg@cbms.com

Password

* * * * *

Log In

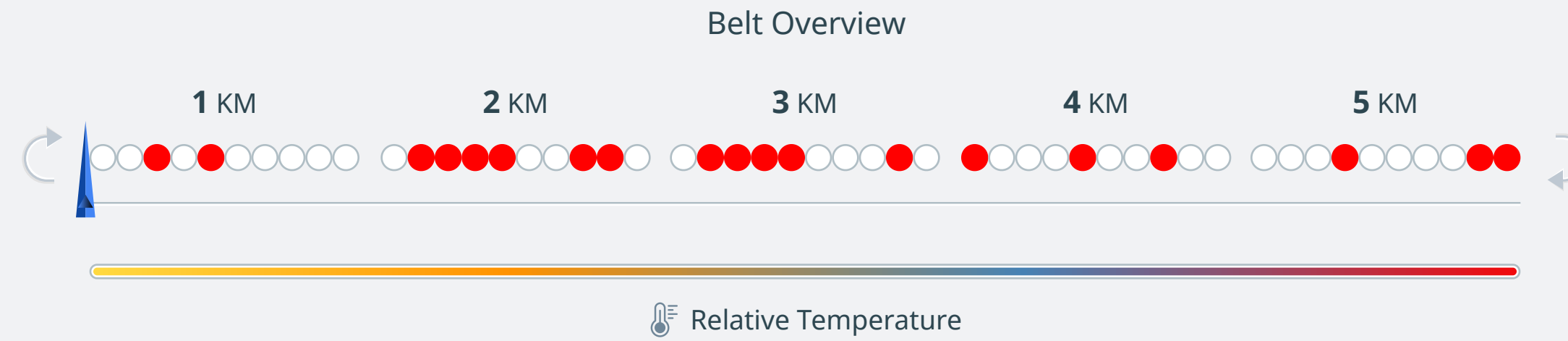
[Forgot Password](#)

General Summary

[+ Work Order](#)

3 Dec, 2019

03:45 PM

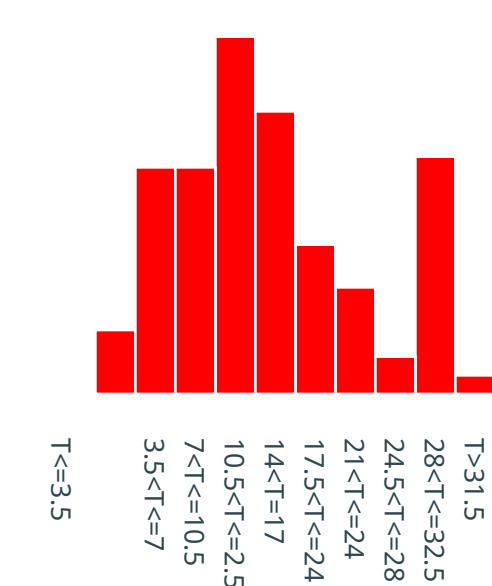
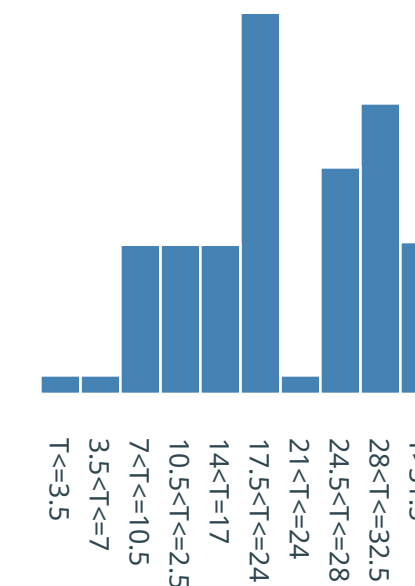
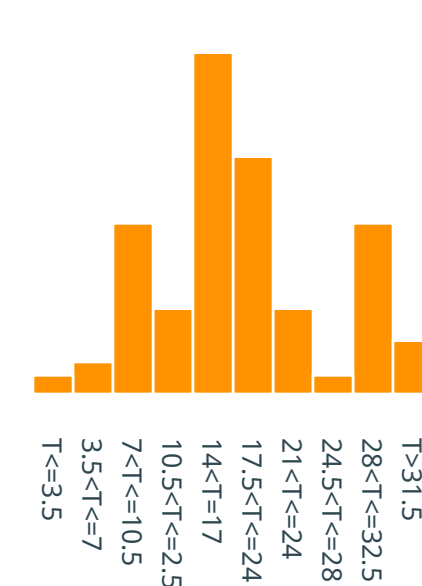


Alarms ⁶³

[Work Order](#)

Idler Info	Date & Time	Alarm Description	Severity
01 23456 78	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	High
01 45677 88	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 01245 77	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
02 84956 44	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium



Summary Statistics

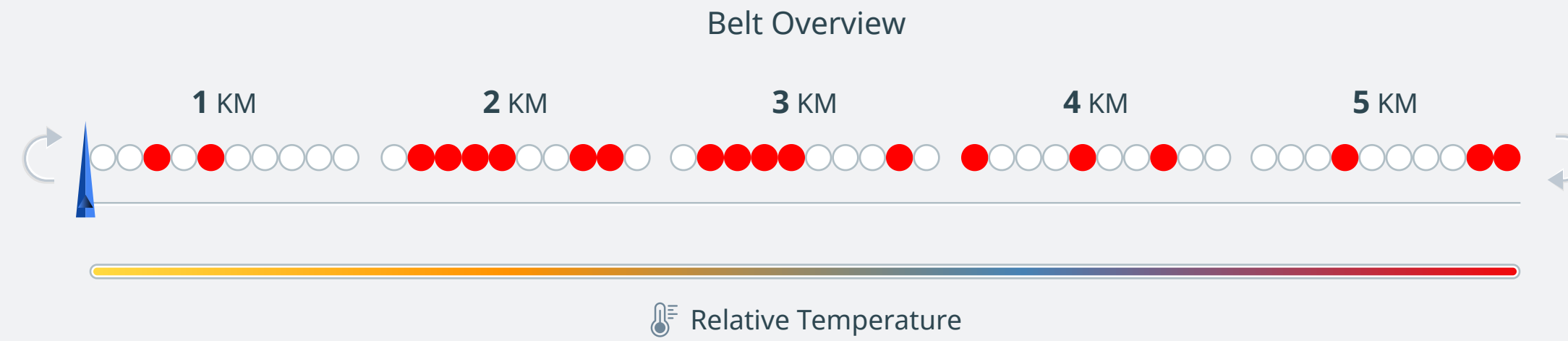


General Summary

  [+ Work Order](#)

 3 Dec, 2019

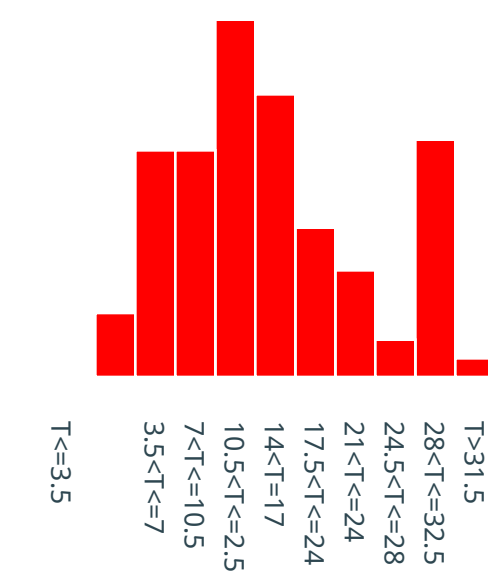
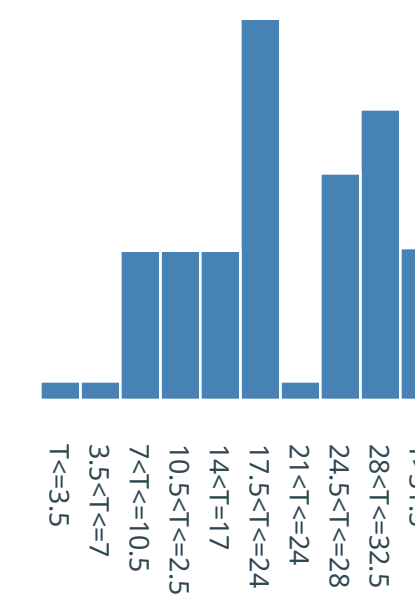
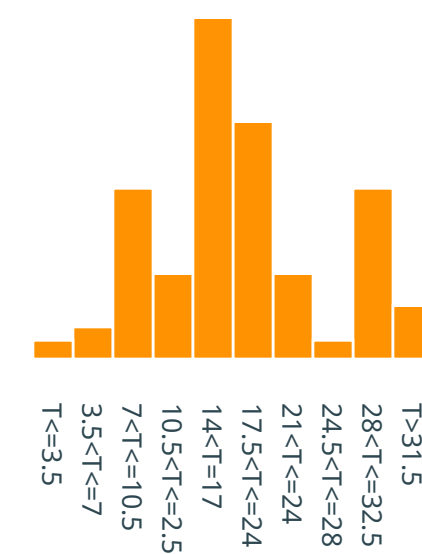
 03:45 PM 



Alarms ⁶³ [Work Order](#)

Idler Info	Date & Time	Severity	Status
01 23456 78	3 Dec, 2019 03:45 PM	High	Work Order
01 45677 88	3 Dec, 2019 03:45 PM	High	Work Order
02 34567 79	3 Dec, 2019 03:45 PM	High	 Completed
02 23450 99	3 Dec, 2019 03:45 PM	Low	 Completed
02 01245 77	3 Dec, 2019 03:40 PM	Medium	Re-Open
02 84956 44	3 Dec, 2019 03:40 PM	Medium	Re-Open

Summary Statistics



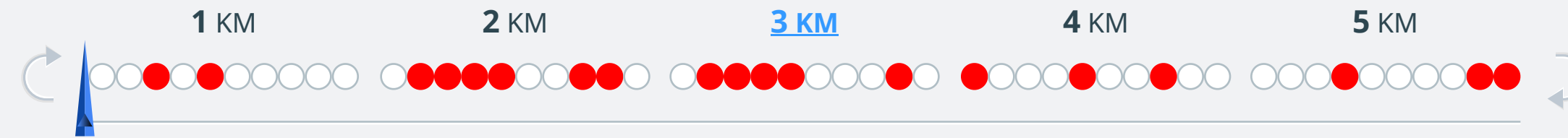
General Summary

[+ Work Order](#)

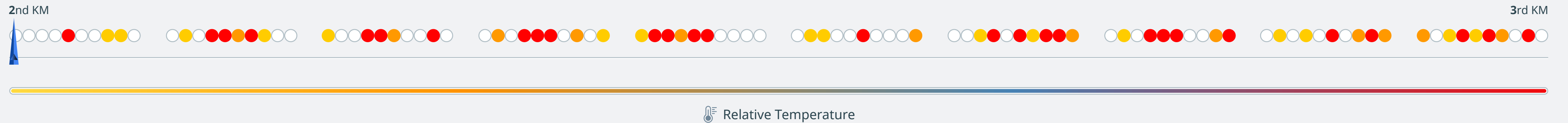
3 Dec, 2019

03:45 PM

Belt Overview



Detail View of 3rd KM

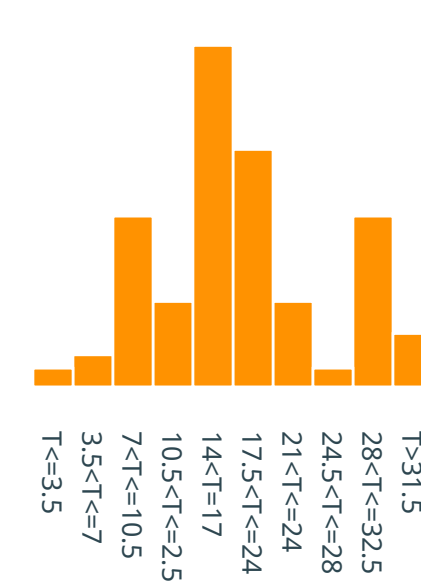


Alarms 63

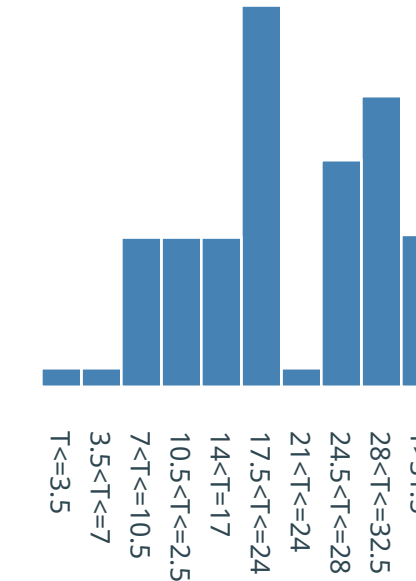
[Work Order](#)

Idler Info	Date & Time	Alarm Description	Severity
01 23456 78	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	High
01 45677 88	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 01245 77	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
02 84956 44	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium

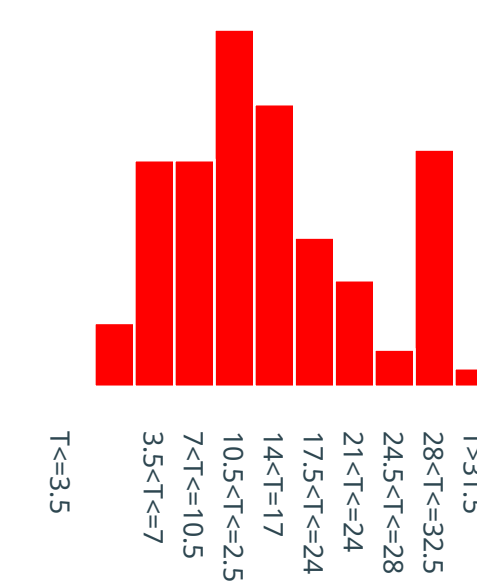
Summary Statistics



Ambient Temperature



Node Temperature



Relative Temperature

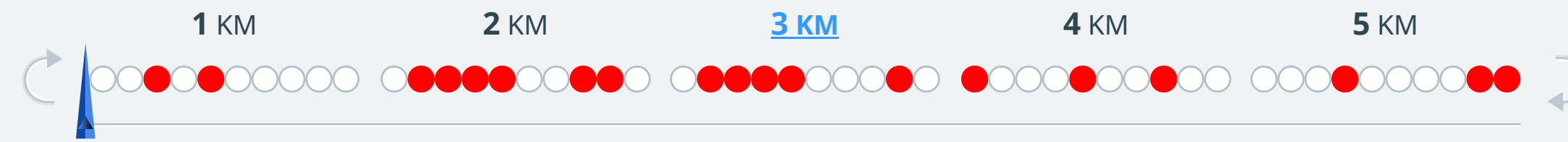
General Summary

↑ Print + Work Order

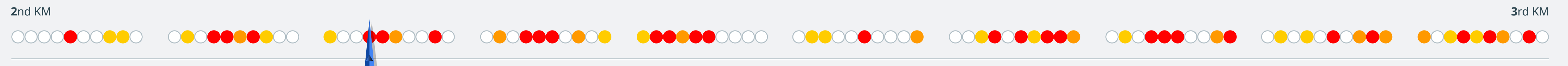
3 Dec, 2019

03:45 PM

Belt Overview



Detail View of 3rd KM



Details of Group Station ID 013456789

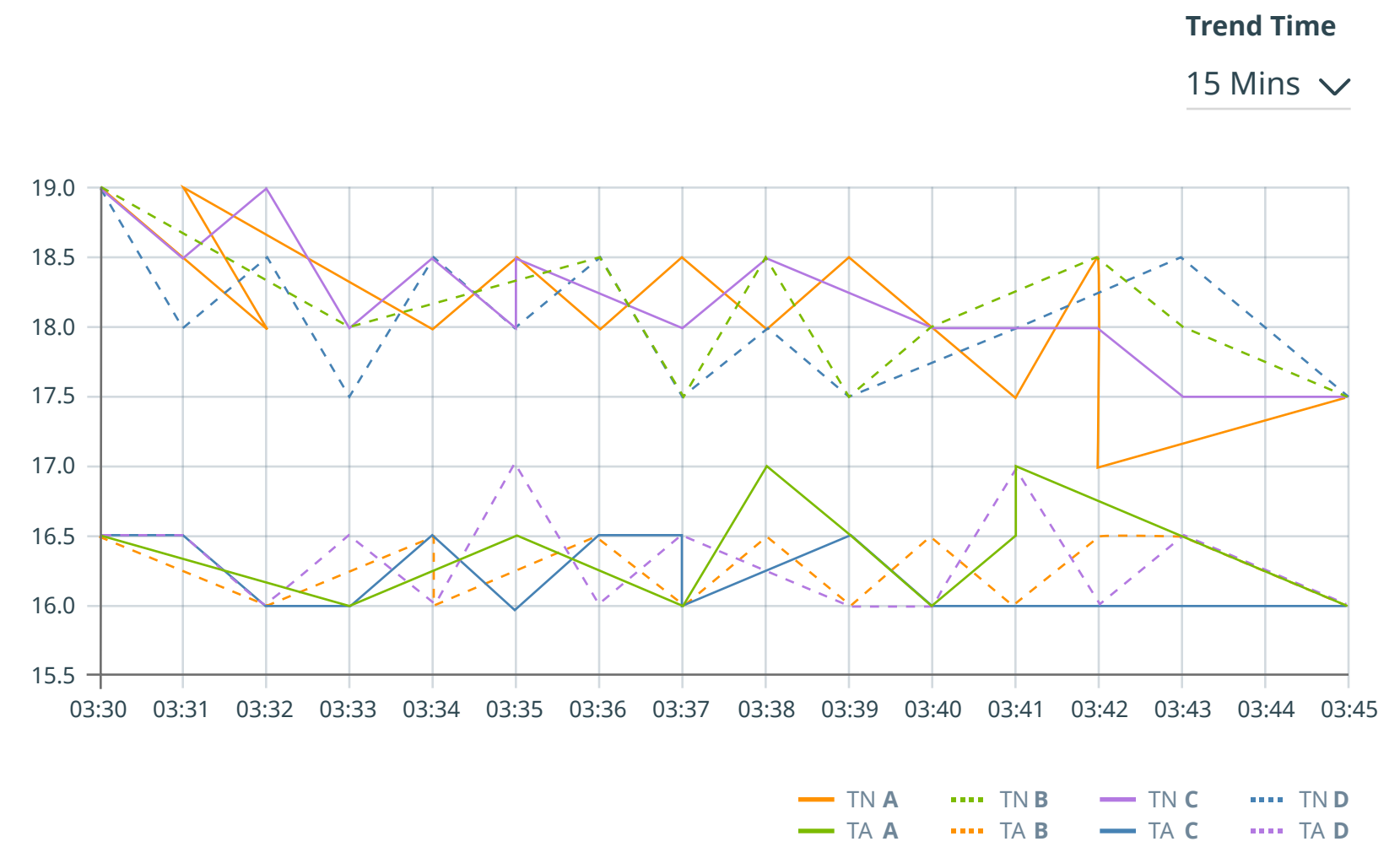


Relative Temperature

Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TNA	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TAA	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TNB	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TAB	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TNC	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TAC	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TND	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TAD	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Station Trend

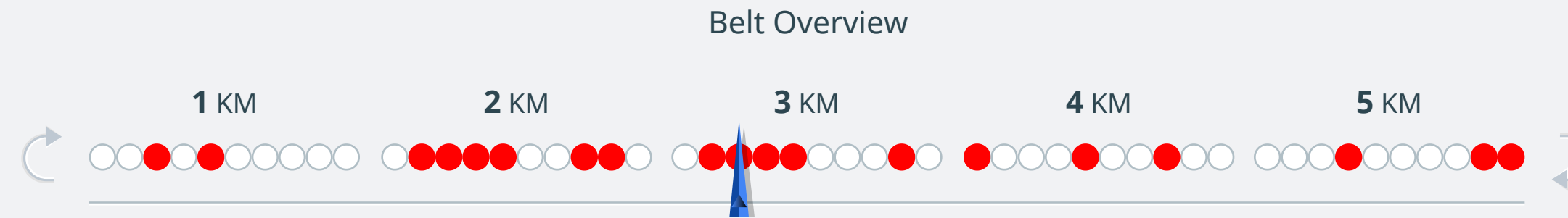


General Summary

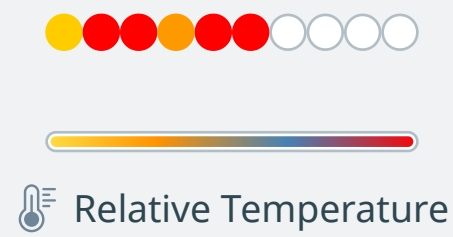
[+ Work Order](#)

3 Dec, 2019

03:45 PM



Details of Group Station ID 013456789

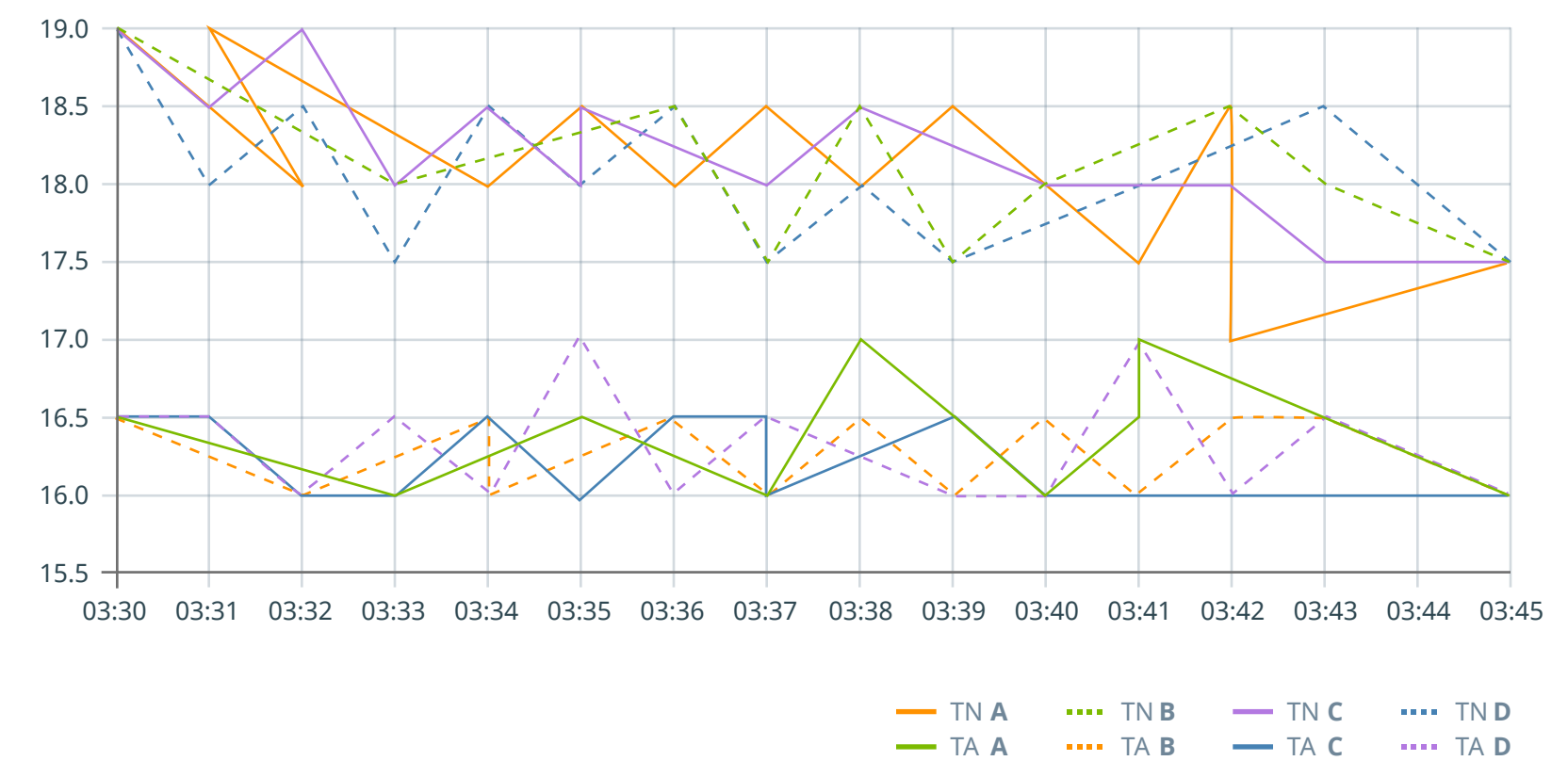


Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TNA	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TAA	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TNB	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TAB	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TNC	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TAC	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TND	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TAD	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Station Trend

Trend Time
15 Mins



Report



[Belt Status](#)

[Alarm List](#) 63

Current Belt Status

Generate

Historical Report by Station

Station No.

1235

Hours

15 Mins ▼

Generate

Report



Belt Status **Alarm List** 63

From 3 Dec, 2019 03:45 PM   To 3 Dec, 2019 01:45 PM 

[All ↑](#)

Idler Information	Date & Time	Alarm Description	Severity
01 23456 78	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	High
01 45677 88	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 01245 77	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
02 84956 44	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium
03 66778 34	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Medium
03 56745 90	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Low
03 34678 32	3 Dec, 2019 03:40 PM	Senectus et netus malesad temp Node 0126B	High
03 66778 34	3 Dec, 2019 03:40 PM	Egestasegestas fringilla Node 0343A	High

1-10 of 70  



Welcome to Configuration Upload, please use password to continue

Password

Go


Upload Configuration File



Choose a file *or*, drag it here

(Supported file format .csv or .xls)

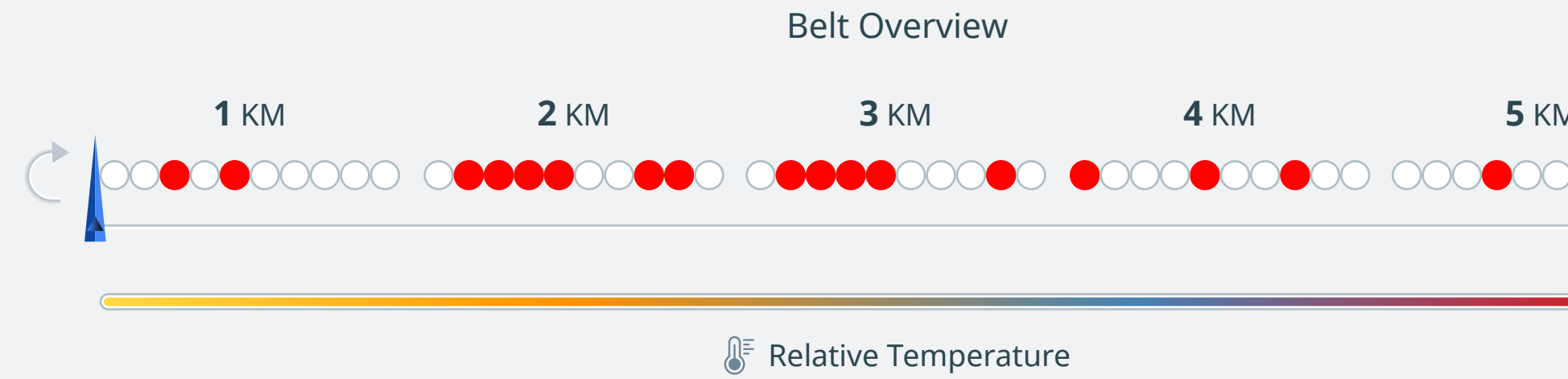
My Uploaded Files

-  Config_2Dec2019.csv 
-  Config_13Nov2019.csv 
-  Config_12Oct2019.csv 
-  Config_10Sep2019.xsl 
-  Config_16Sep2019.xsl 

[View More](#)

Interaction Design & Behaviors

General Summary



Alerts Recent ↑

Group Station ID **013456789**
03:45 PM 3 Dec, 2019

- Medium [View Details](#) [Work Order](#)
- Low [View Details](#) [Work Order](#)
- High [View Details](#) [Work Order](#)

Group Station ID **012476258**
03:30 PM 3 Dec, 2019

- High [View Details](#) [Work Order](#)
- Medium [View Details](#) [Work Order](#)
- High [View Details](#) [Work Order](#)

+ Work Order

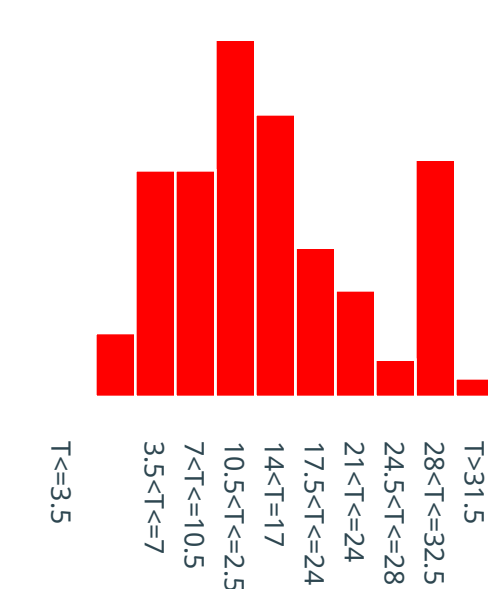
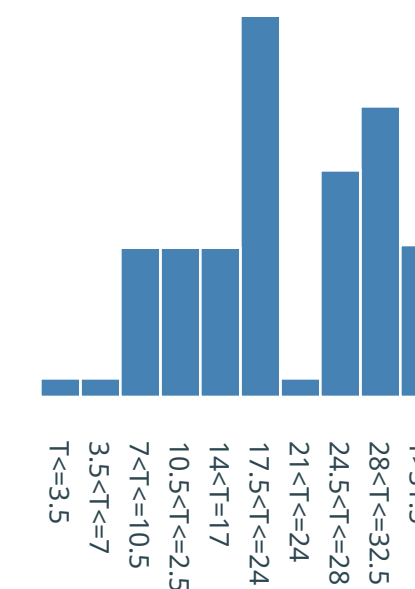
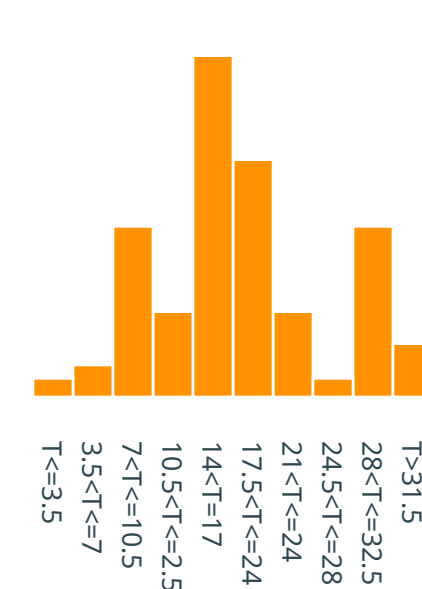
3 Dec, 2019
03:45 PM

Alarms ⁶³

Work Order

Idler Info	Date & Time	Alarm Description	Severity
01 23456 78	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	High
01 45677 88	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 01245 77	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
02 84956 44	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium

Summary Statistics



General Summary

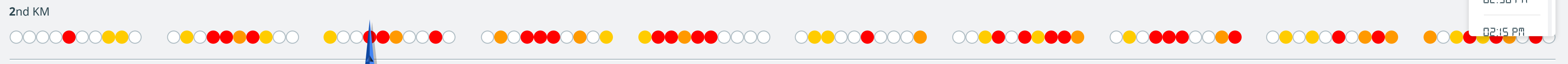
Work Order

3 Dec, 2019

03:45 PM



Detail View of 3rd KM



Details of Group Station ID 013456789

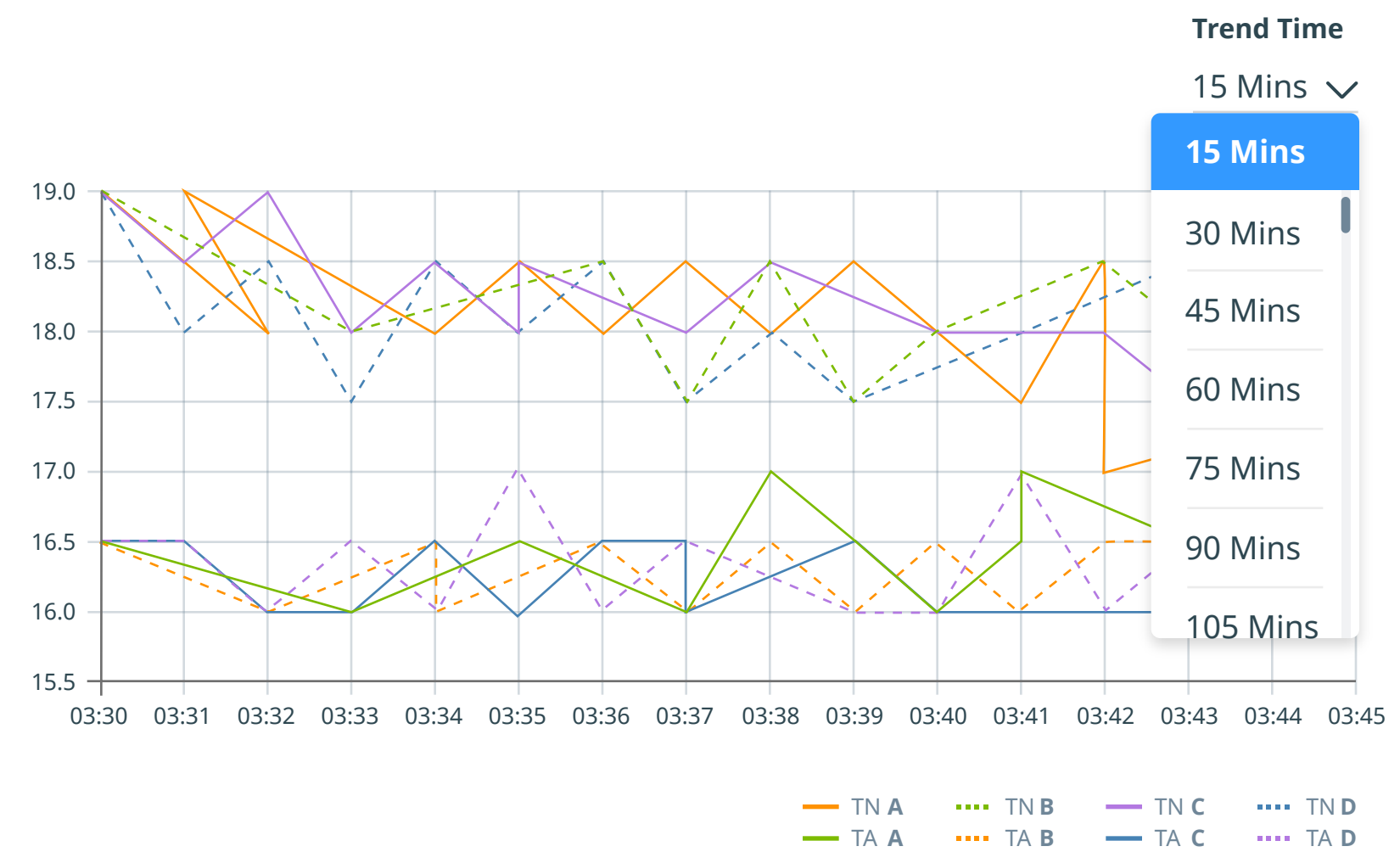


Relative Temperature

Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TNA	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TAA	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TNB	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TAB	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TNC	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TAC	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TND	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TAD	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Station Trend



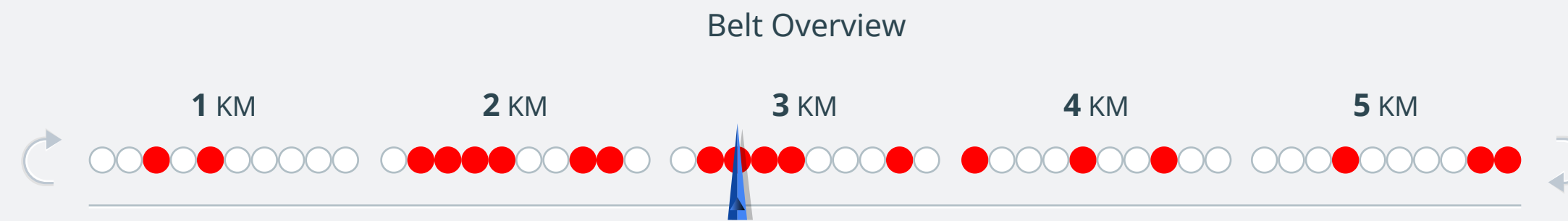
General Summary



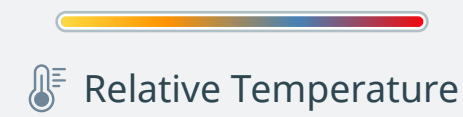
+ Work Order

3 Dec, 2019

03:45 PM



Details of Group Station ID 013456789

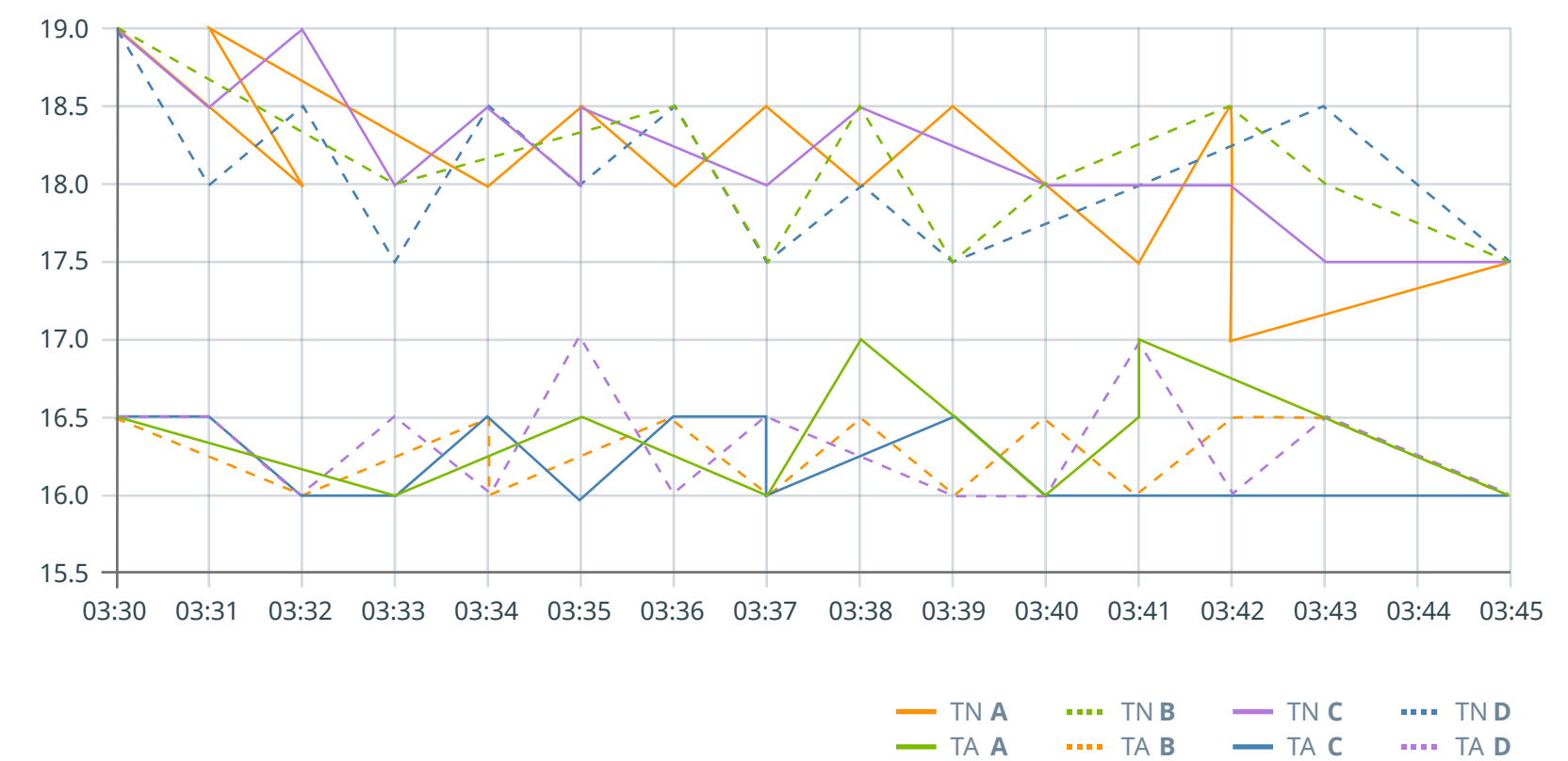


Idler Node Temperature

Node's Temp	Idlers									
	013456789-1	013456789-2	013456789-3	013456789-4	013456789-5	013456789-6	013456789-7	013456789-8	013456789-9	013456789-10
TNA	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86	25.86
TAA	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TNB	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41	25.41
TAB	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06	15.06
TNC	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74
TAC	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
TND	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92	16.92
TAD	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08

Station Trend

Trend Time
15 Mins



Report

[Belt Status](#)[Alarm List](#) 63

From

3 Dec, 2019 03:45 PM



To

3 Dec, 2019 01:45 PM

[All ↑](#)

Idler Information	Date & Time	Alarm Description	Severity
01 23456 78	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	High
01 45677 88	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 01245 77	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
02 84956 44	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium
03 66778 34	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Medium
03 56745 90	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Low
03 34678 32	3 Dec, 2019 03:40 PM	Senectus et netus malesad temp Node 0126B	High
03 66778 34	3 Dec, 2019 03:40 PM	Egestasegestas fringilla Node 0343A	High

1-10 of 70

Report



Belt Status

Alarm List 63

From

3 Dec, 2019 03:45 PM



To

3 Dec, 2019 01:45 PM

Search

All

- All
- High
- Medium
- Low

Idler Information	Date & Time	Alarm Description	
01 23456 78	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	
01 45677 88	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 01245 77	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
02 84956 44	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium
03 66778 34	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Medium
03 56745 90	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Low
03 34678 32	3 Dec, 2019 03:40 PM	Senectus et netus malesad temp Node 0126B	High
03 66778 34	3 Dec, 2019 03:40 PM	Egestasegestas fringilla Node 0343A	High

1-10 of 70

Report

[Belt Status](#)[Alarm List](#) 63

From

3 Dec, 2019 03:45 PM



To

3 Dec, 2019 01:45 PM



High

- All
- High**
- Medium
- Low

Idler Information	Date & Time	Alarm Description	
01 23456 78	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	
01 45677 88	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	High
02 01245 77	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	High
02 84956 44	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	High
03 66778 34	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	High
03 56745 90	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	High
03 34678 32	3 Dec, 2019 03:40 PM	Senectus et netus malesad temp Node 0126B	High
03 66778 34	3 Dec, 2019 03:40 PM	Egestasegestas fringilla Node 0343A	High

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Report

[Belt Status](#)[Alarm List](#) 63

From

3 Dec, 2019 03:45 PM



To

3 Dec, 2019 01:45 PM

[All ↑](#)

Calendar for December 2019. The 3rd is highlighted. A time selection bar is visible at the bottom of the calendar.

Date & Time	Alarm Description	Severity
3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	High
3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium
3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Medium
3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Low
3 Dec, 2019 03:40 PM	Senectus et netus malesad temp Node 0126B	High
3 Dec, 2019 03:40 PM	Egestasegestas fringilla Node 0343A	High

Report

[Belt Status](#)[Alarm List](#) 63

From

3 Dec, 2019 03:45 PM



To

3 Dec, 2019 01:45 PM

[All ↑](#)

	Date & Time	Alarm Description	Severity
02 84930 44	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	High
03 66778 34	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
03 56745 90	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
03 34678 32	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
03 66778 34	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
03 66778 34	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium
03 66778 34	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Medium
03 56745 90	3 Dec, 2019 03:40 PM	Sit ametristique senectus et Node 0198D	Low
03 34678 32	3 Dec, 2019 03:40 PM	Senectus et netus malesad temp Node 0126B	High
03 66778 34	3 Dec, 2019 03:40 PM	Egestasegestas fringilla Node 0343A	High

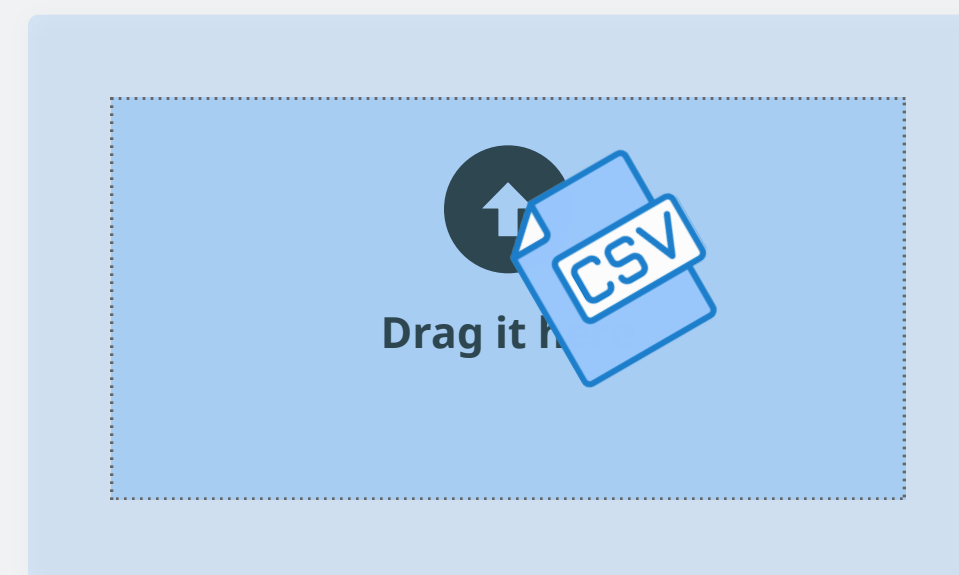
1-10 of 70

File name: All Files




- Config_2Dec2019.csv [↓](#)
- Config_13Nov2019.csv [↓](#)
- Config_12Oct2019.csv [↓](#)
- Config_10Sep2019.xsl [↓](#)
- Config_16Sep2019.xsl [↓](#)

[View More](#)

Upload Configuration File



My Uploaded Files

-  Config_2Dec2019.csv 
-  Config_13Nov2019.csv 
-  Config_12Oct2019.csv 
-  Config_10Sep2019.xsl 
-  Config_16Sep2019.xsl 

[View More](#)

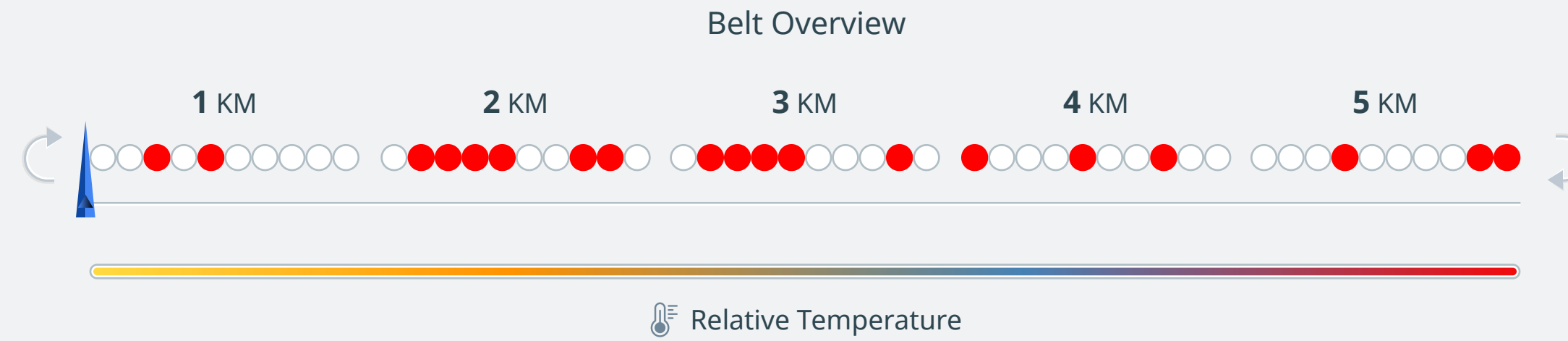
General Summary



+ Work Order

3 Dec, 2019

03:45 PM

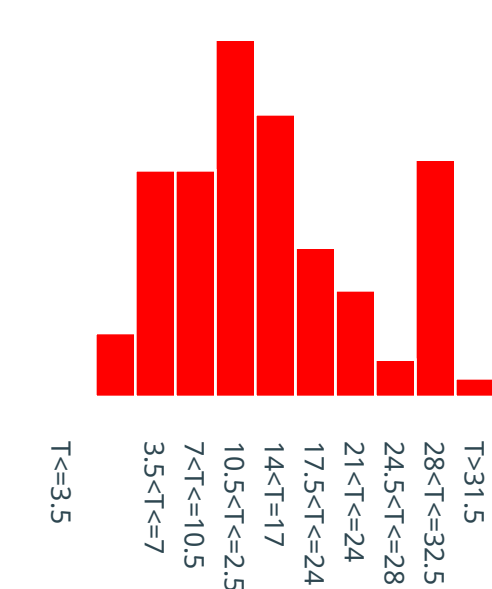
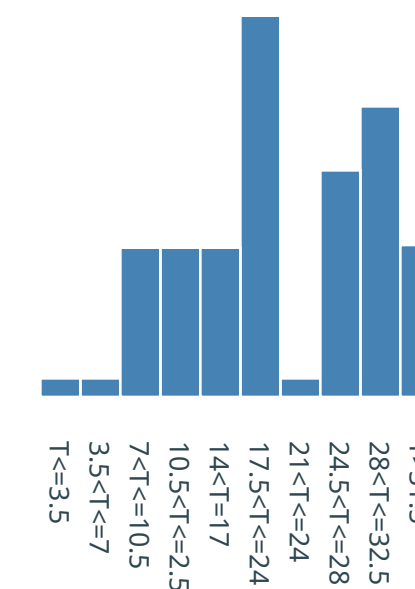
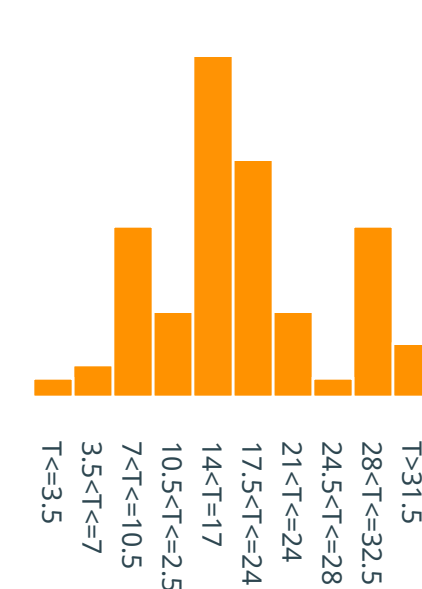


Alarms ⁶³

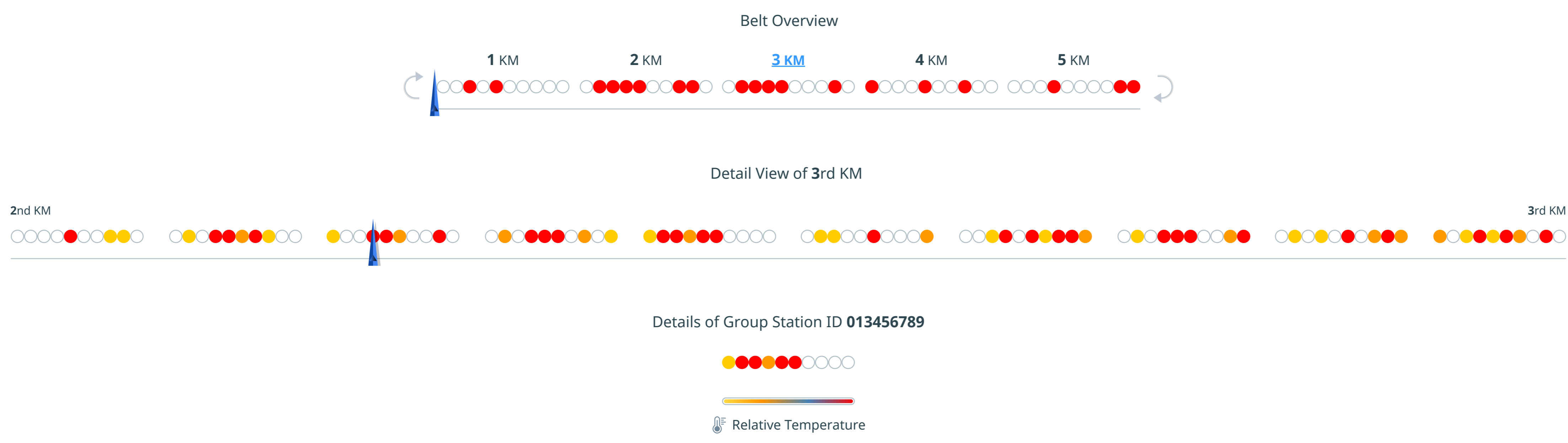
Work Order

Idler Info	Date & Time	Alarm Description	Severity
01 23456 78	3 Dec, 2019 03:45 PM	Egestasegestas fringilla tristNode 0011B	High
01 45677 88	3 Dec, 2019 03:45 PM	Egestasegestas fringilla Node 0343A	High
02 34567 79	3 Dec, 2019 03:45 PM	Tristiquesene ctus etnetuset Sit 0200C	High
02 23450 99	3 Dec, 2019 03:45 PM	Fgrruyuy senectus et netus sit Node 0198D	Low
02 01245 77	3 Dec, 2019 03:40 PM	Sit amet t netus et malesuada Node 018C	Medium
02 84956 44	3 Dec, 2019 03:40 PM	Tristique senectus et netus metristiq 0200C	Medium

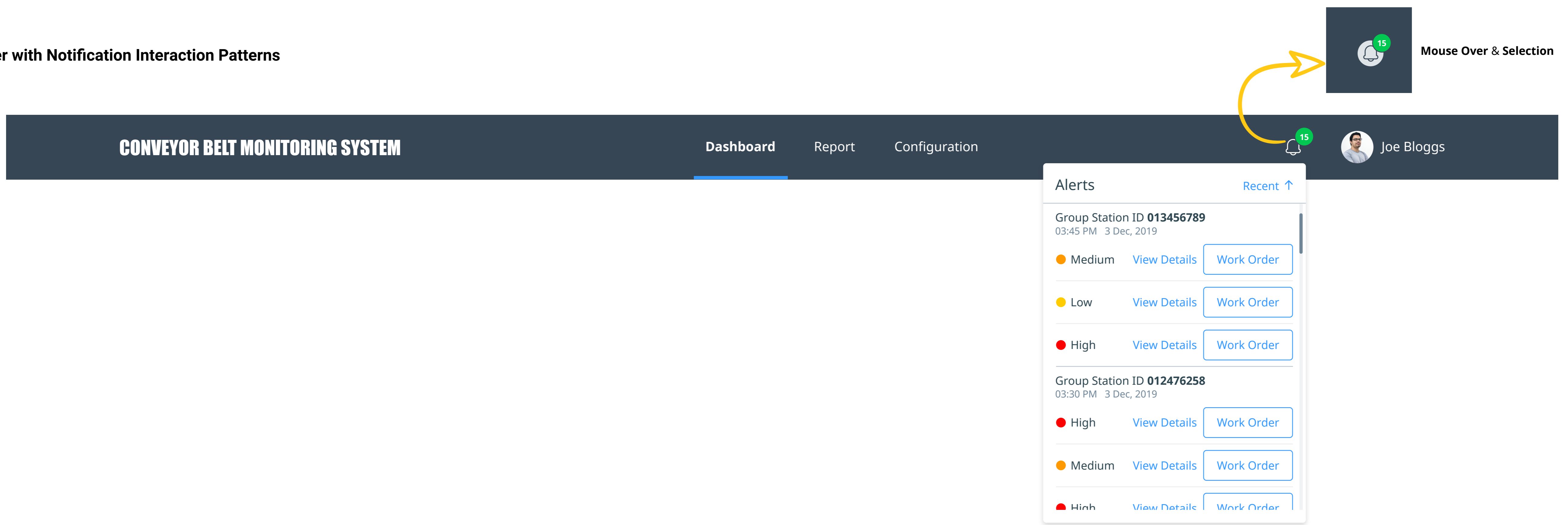
Summary Statistics



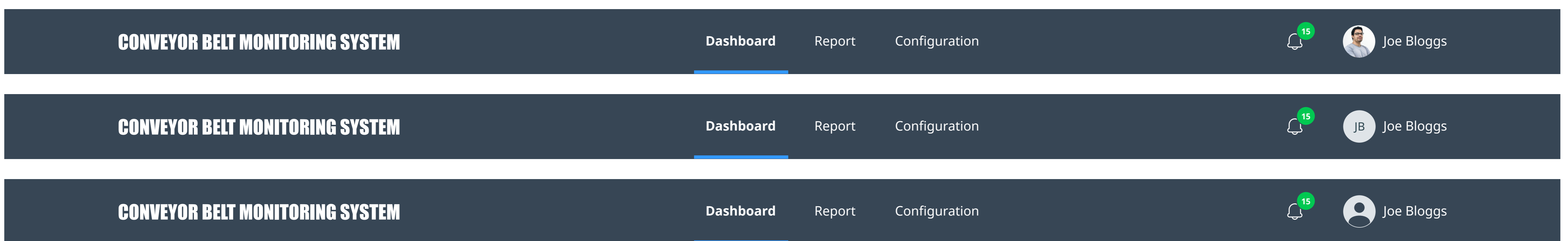
Virtual Panel of the Conveyor Belt /Idler



Header with Notification Interaction Patterns

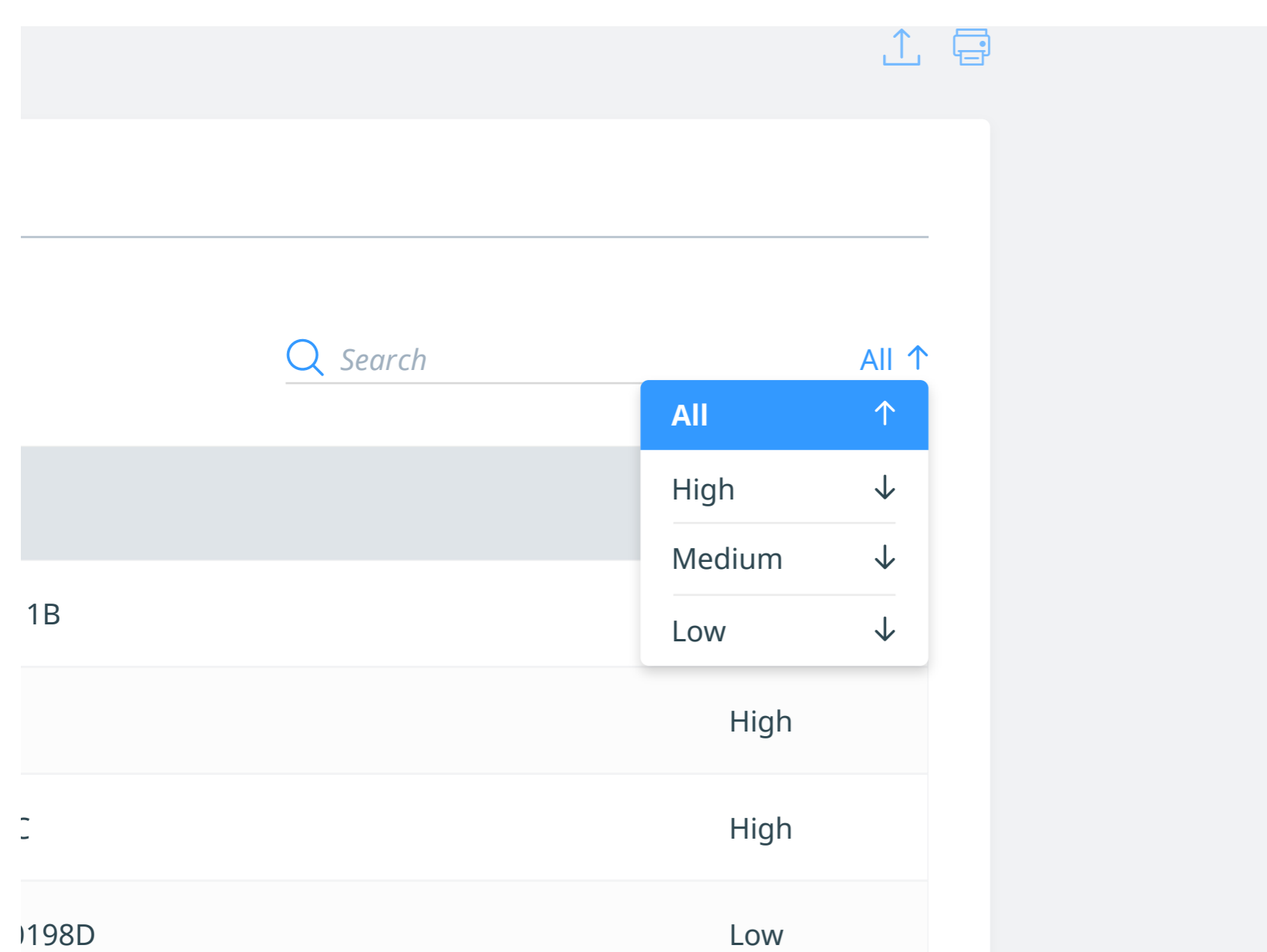


Header with Different User Image Patterns

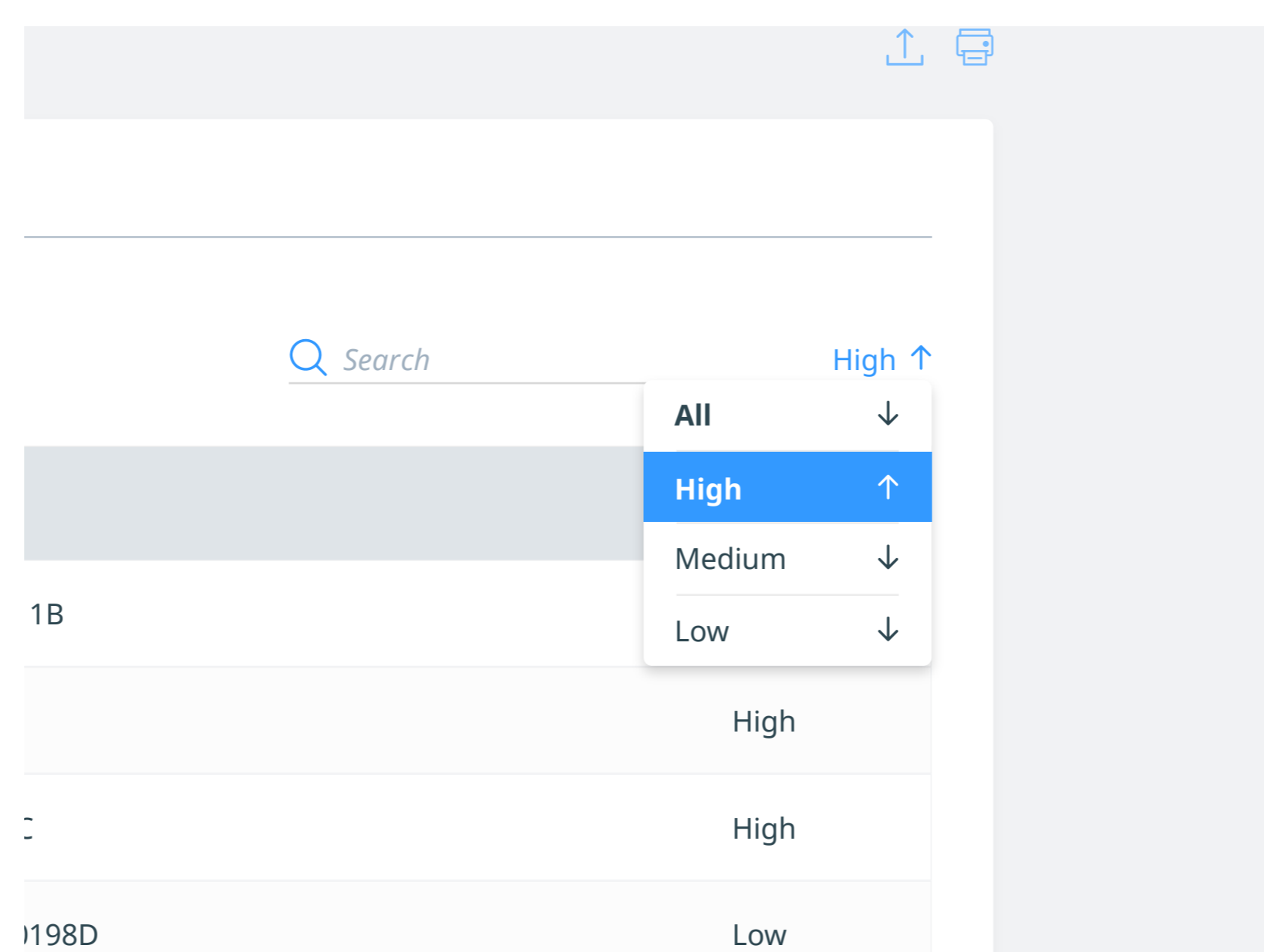


Sort Behaviours

Sort- Normal Behavior



Sort- Sort applied & RollOver



Pagination Patterns

if, 30 Rows (Scroll based)

	Severity
illa tristNode 0011B	High
illa Node 0343A	High
netuset Sit 0200C	High
netus sit Node 0198D	Low
alesuada Node 018C	Medium
netus metristiq 0200C	Medium
ctus et Node 0198D	Medium
ctus et Node 0198D	Low
alesad temp Node 0126B	High
illa Node 0343A	High

if, 100 Rows (Previous/Next based)

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if more than, 100-300 Rows (Input Type based)

Normal View of Pagination

Displaying Page of 20 Pages

Pagination selection by 'Previous' or 'Next' arrow

Displaying Page 15

Page selection by typing input value based on user needs

Displaying Page of 20 Pages