

## Tutela V4.2 - Release Notes

<u>Version</u>	<u>Description</u>	<u>Release Date</u>
01	Issue	15/06/2016
1.1	Issue	29/09/2016
1.2	Issue	03/02/2017
1.3	Issue	04/07/2017
1.4	Issue	03/11/2017
1.5	Issue	01/03/2018
1.6	Issue	10/10/2018
2.0	Issue	01/06/2020

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## 1.0 Overview

1.1 This document outlines the additional features, Improvements, and bug fixes to the 4th generation website.

1.2 This version as with all previous versions provides remote access to the automatic recorded data and alarm exceptions of the sensing probes installed in the customer's facility. Customers can gain access to their data via the secure Tutela V4 web base application hosted by Tutela medical. The data records are published in real time via these secure web pages. Remote site hosting, maintenance and validation of electronic data records are regulated through Tutela Medical **UK ISO 9001 Business Management System**.

## 2.0 Additional Features

2.1 A feature toggle that gives ability to generate control charts automatically from the Tutela website which will help to analyse historical data to predict long term abnormal operation of customer's refrigerated fixtures. This analysis is performed using the Nelson rules and notifications can be configured for any abnormal behaviour. There are variety of options to configure control charts for the sensors. A graphical view will be available for the control charts (CR-307).

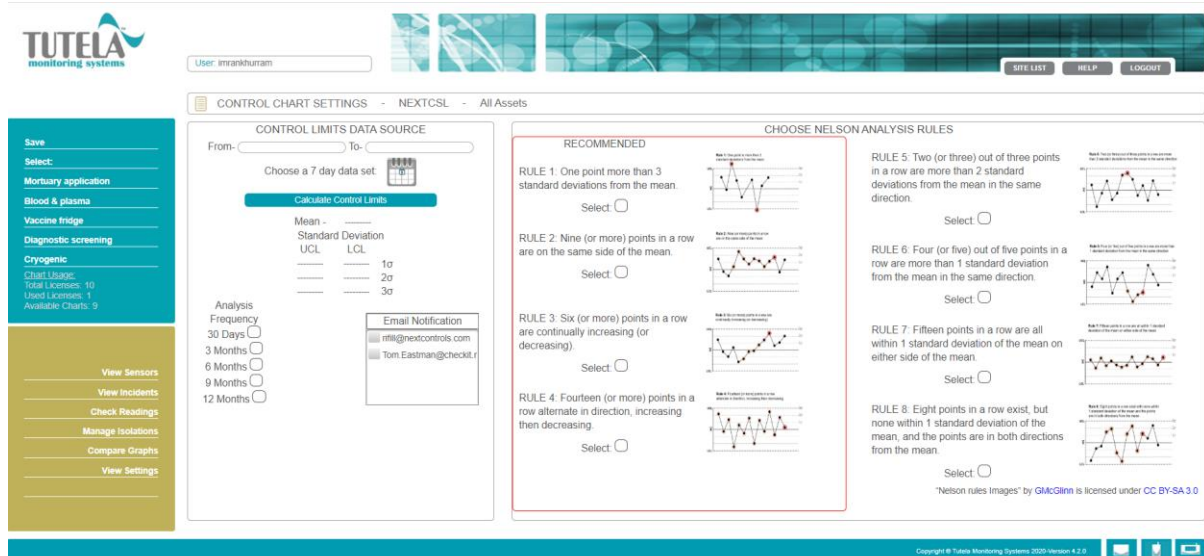


Figure 1. Control charts configuration page



Figure 2. Control chart - showing anomalies by highlighting in boxes and circles

2.2 Multiple incidents of one type can be audited and sign off at the same time. Using the newly created pages, incident audit details report can be generated and can be seen in a graphical view in a dialog box (CR-373).

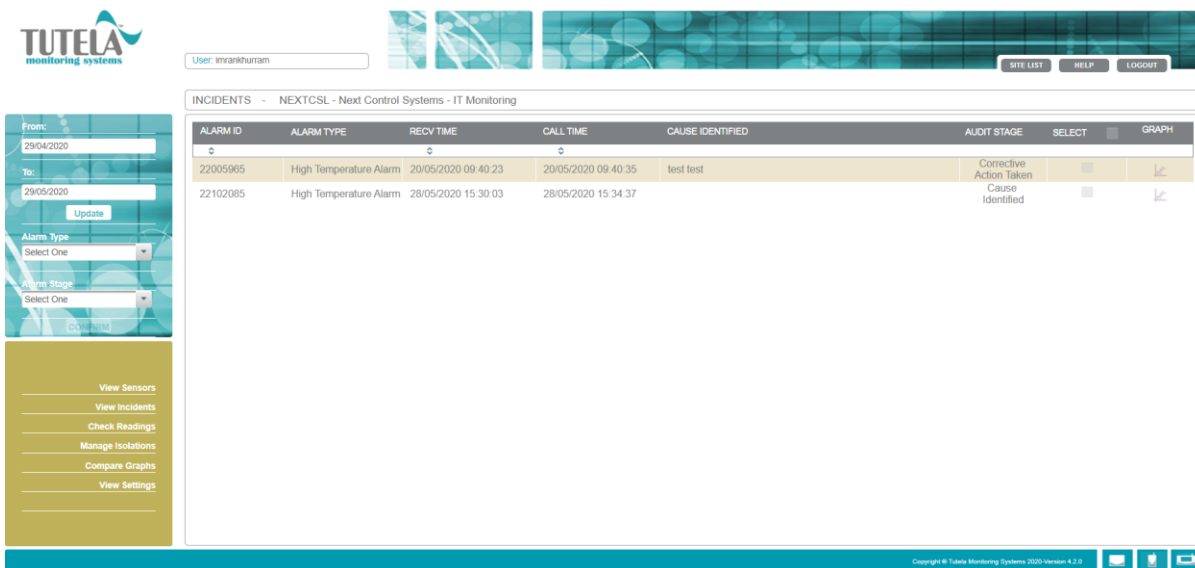


Figure 3. Multi sign off page

2.5 Every site should have an option for admins to allow call option. If not allowed, the phone checkboxes should be disabled for all the contacts in contact management dialog.

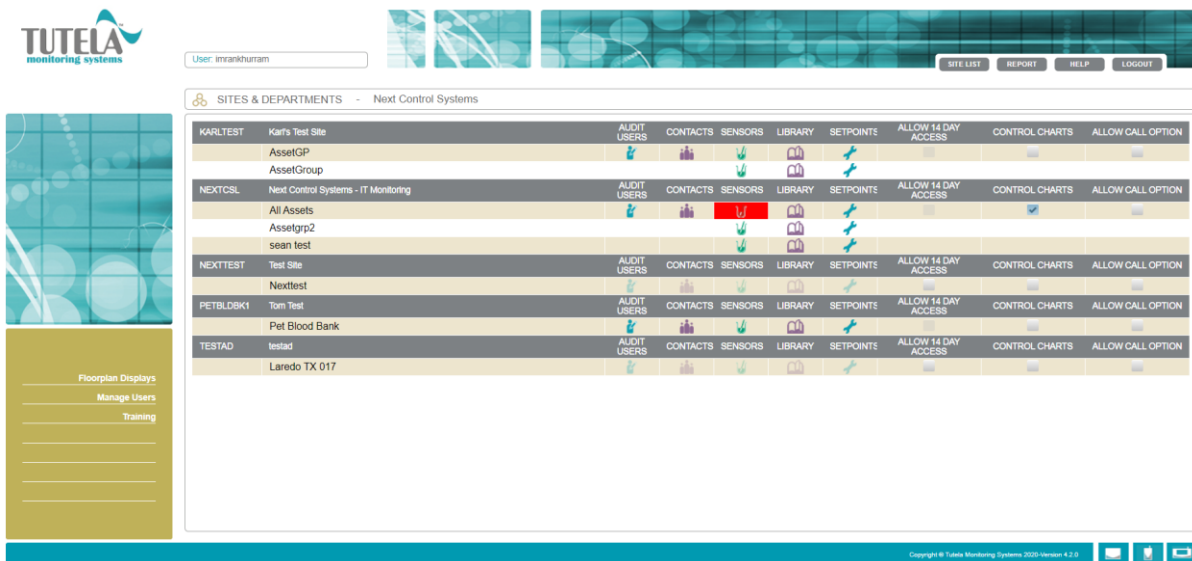


Figure 4. Allow call option on sites page - checkbox is shown against each site

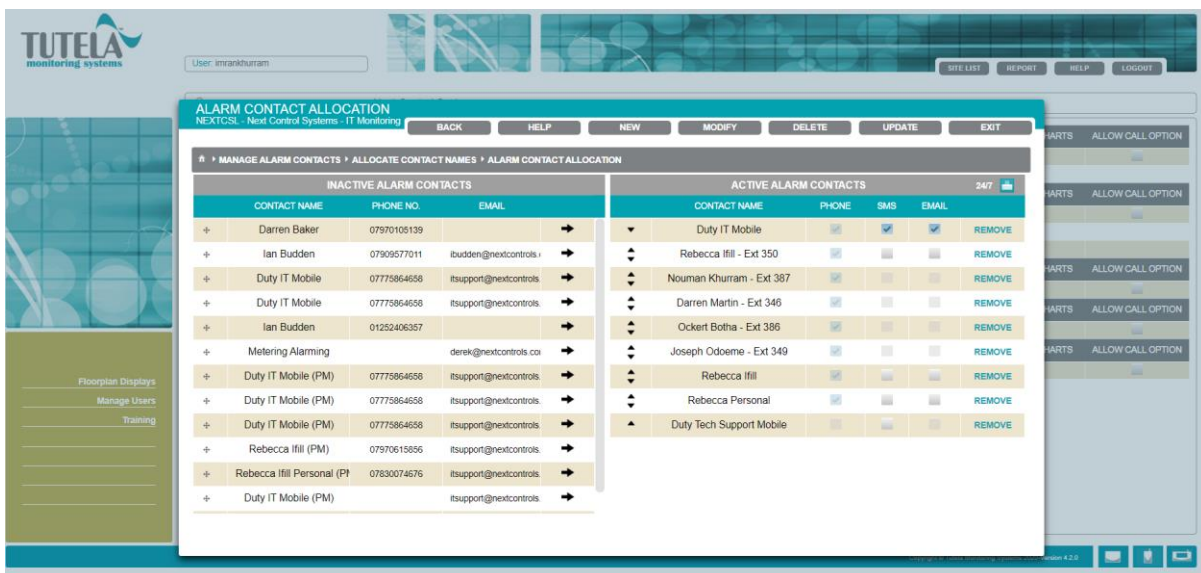


Figure 5. Phone check boxes are disabled for every contact when "Allow call option" is disabled

### 3.0 Improvements/Enhancements

3.1 Tutela thread that need to be regulated i.e. Password reminder thread is now registered in database to restrain it from sending password expiry emails multiple times in a single day.

3.2 Text boxes of incident audit comments are enhanced to incorporate multiple line breaks between texts.

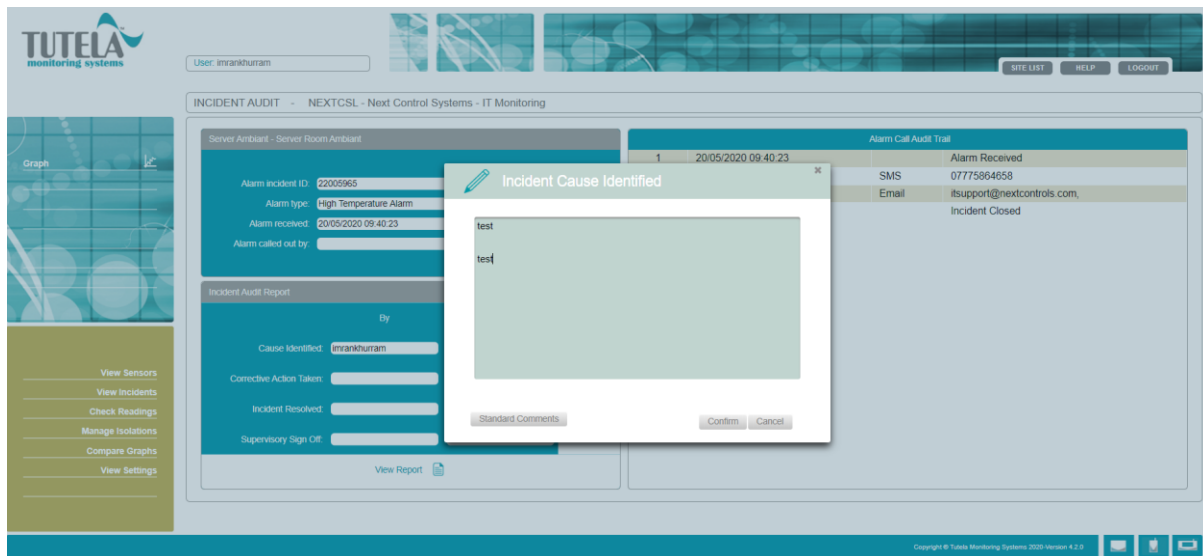


Figure 6. Insertion of line breaks in Incident audit comment box

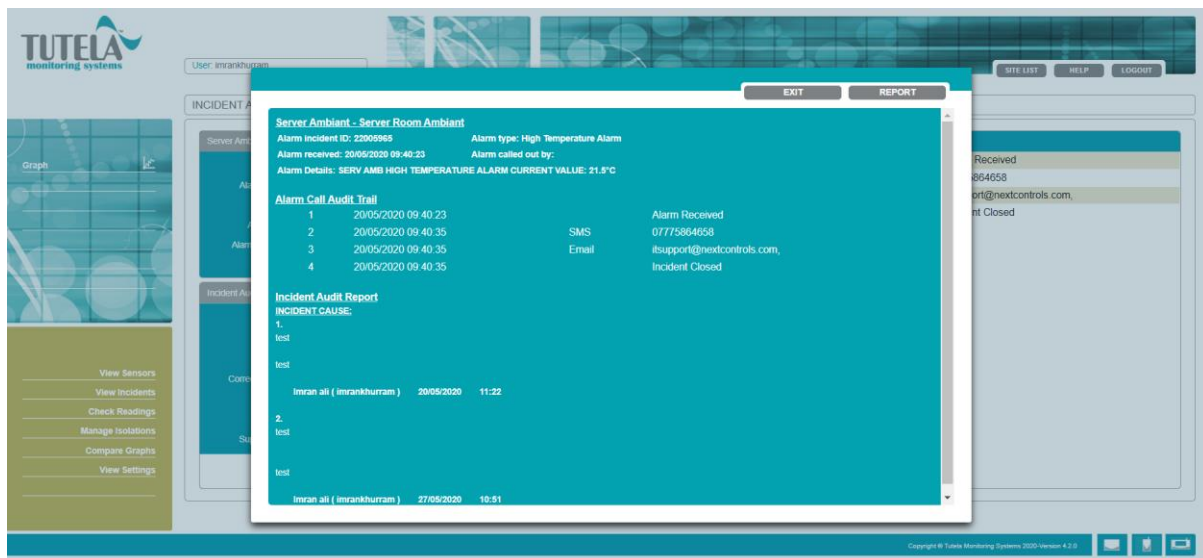


Figure 7. Inserted line breaks in incident audit comments are shown in report dialog box

3.3 New fields added in user management dialogs to improve the quality of stored data (CR-408).

ADD USER
EXIT

User Type: \* User

Title: \*

Forename: \*

Surname: \*

Contact No.: \*

Email: \*

Job Role: \*

UserName: \*

User Password: \*

PIN Code: \*

Access Expiry (days): \*

PIN Expiry (days): \*

Department: \*

**OPERATING DIVISION**

4D Molecular Therapeutics CA.	<input type="checkbox"/>
A new customer	<input type="checkbox"/>
AAA Tutela Demo Website	<input type="checkbox"/>
AAAAA - Greg's Standard WARP Template	<input type="checkbox"/>
AADNAN	<input type="checkbox"/>
Abergele Hospital	<input type="checkbox"/>

1
2
3
4

Figure 8. Add user dialog - Job Role and Department is added

CONFIRM CHANGES
CANCEL CHANGES

**USER DETAILS**

Title: * <span style="border: 1px solid #ccc; padding: 2px;">Imran</span>	User Name: * <span style="border: 1px solid #ccc; padding: 2px;">imrankhurram</span>
Forename: * <span style="border: 1px solid #ccc; padding: 2px;">Imran</span>	User Password: * <span style="border: 1px solid #ccc; padding: 2px;">*****</span>
Surname: * <span style="border: 1px solid #ccc; padding: 2px;">ali</span>	PIN Code: * <span style="border: 1px solid #ccc; padding: 2px;">*****</span>
Contact No.: * <span style="border: 1px solid #ccc; padding: 2px;">01252406398</span>	Access Expiry (days): * <span style="border: 1px solid #ccc; padding: 2px;">211</span>
Email: * <span style="border: 1px solid #ccc; padding: 2px;">imrankhurram@gmail.com</span>	PIN Expiry (days): * <span style="border: 1px solid #ccc; padding: 2px;">211</span>
Job Role: * <span style="border: 1px solid #ccc; padding: 2px;"> </span>	Department: * <span style="border: 1px solid #ccc; padding: 2px;">IT</span>

Site/ Group	General Access	Manage Library	Manage Incidents	Approve Incidents	Manage Settings	Sign Reports	Manage Isolations	Access Dashboards	Read Control Charts	Configure Control Charts	Alarm Contacts	Automatic Notifications	KPI Reporting	Multi Sign-off
NEXTCSL - Next Control Systems - IT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All Assets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assetgrp2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
sean test	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KARLTEST - Karl's Test Site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AssetGP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AssetGroup	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NEXTTEST - Test Site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nexttest	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TESTAD - testad	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Laredo TX 017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PETBLDBK1 - Tom Test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pet Blood Bank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Figure 9. User permissions dialog - Job Role and Department is added

## 4.0 Bug Fixes

4.1 Control charts can now be enabled or disabled on a particular branch views so the charts usage is now calculated based on each branch view.



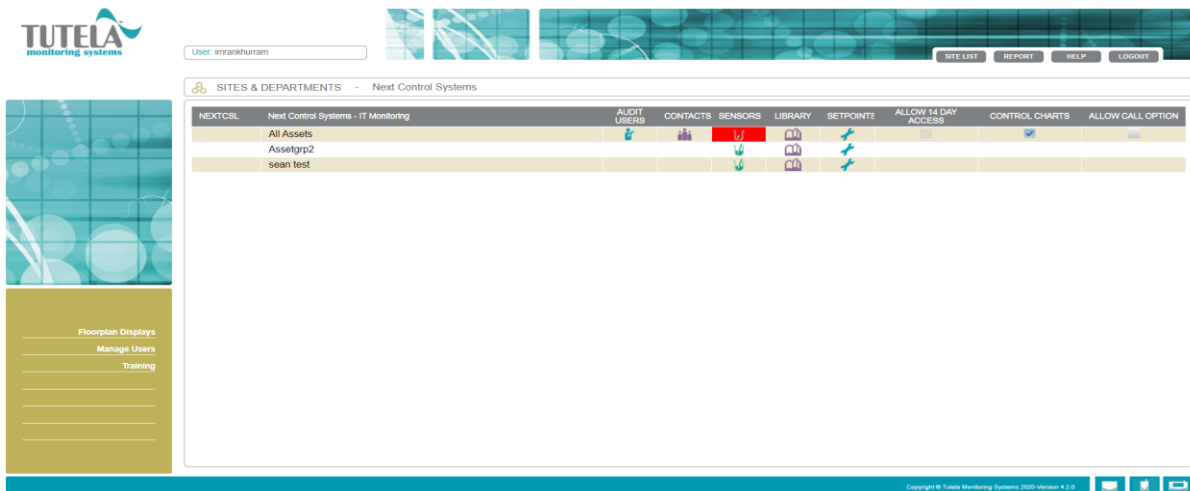


Figure 10. Option to enable/disable control charts based on branch views

4.2 Sites are now available to view on site list page but are not clickable if sites are out of contract.

4.3 Once the incident is signed off, all edit buttons are disabled.

4.4 Improvements to the daily thread's execution.

4.5 Contact type of keyholders fix in place to ensuring all updates to the keyholder sequences and changing contact types are correctly persisted.

4.6 Lengthy SMS lists are wrapped to next line.

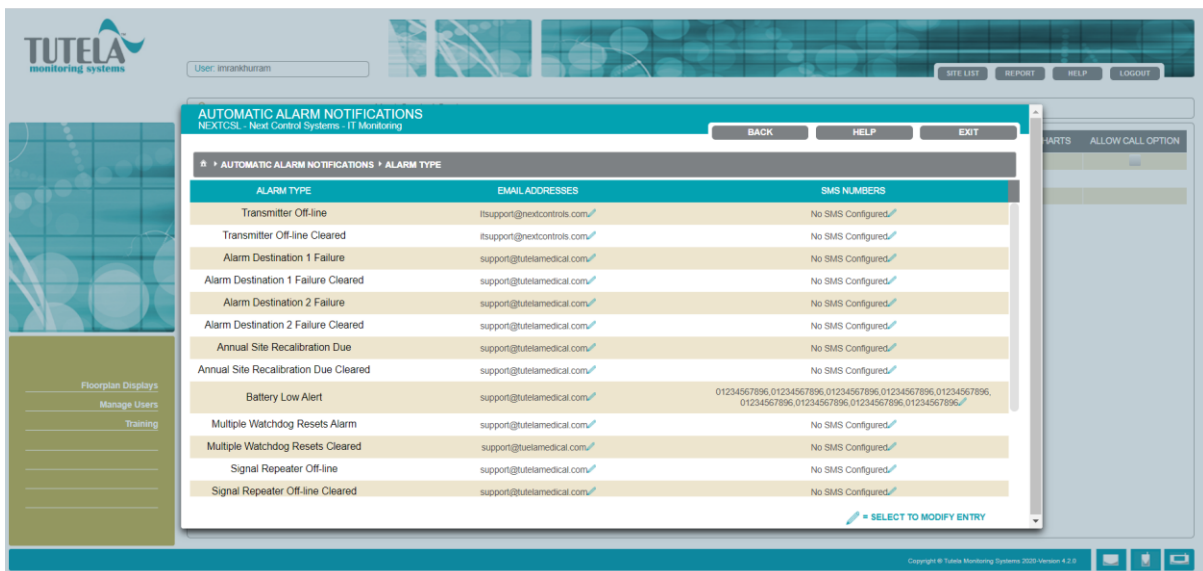


Figure 11. Lengthy SMS numbers list is wrapped to new line

4.7 Dashboard temperatures was showing 0 for as it was not using the dynamic logs database selection.



4.8 Password can now be reset whether username contains special characters or not.

4.9 Empty SMS number will not contain 1 by default now.

## 5.0 System Requirements

Yes

No

	Windows 10	Windows 8.1	Windows 8	Windows 7 64-Bit	Windows 7	Windows XP
Edge 81	Yes	N/A	N/A	N/A	N/A	N/A
Edge 80	Yes	N/A	N/A	N/A	N/A	N/A
Edge 79	Yes	N/A	N/A	N/A	N/A	N/A
Edge 18	Yes	N/A	N/A	N/A	N/A	N/A
Edge 17	Yes	N/A	N/A	N/A	N/A	N/A
Edge 16	Yes	N/A	N/A	N/A	N/A	N/A
Edge 15	Yes	N/A	N/A	N/A	N/A	N/A
IE 11	Yes	Yes	N/A	Yes	N/A	N/A
IE 10	N/A	N/A	No	No	N/A	N/A
IE 9 x64	N/A	N/A	N/A	No	N/A	N/A
IE 9	N/A	N/A	N/A	No	No	N/A
IE 8	N/A	N/A	N/A	N/A	No	No
Chrome 81	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 80	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 79	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 78	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 77	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 76	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 75	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 74	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 73	Yes	Yes	Yes	Yes	N/A	N/A
Chrome 72	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 71	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 70	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 69	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 68	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 67	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 66	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 65	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 64	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 63	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 62	Yes	Yes	Yes	Yes	Yes	N/A
Chrome 61	Yes	Yes	Yes	Yes	Yes	N/A

Chrome 60						N/A
Chrome 59						N/A
Chrome 58						N/A
Chrome 57						N/A
Chrome 56						N/A
Chrome 55						N/A
Chrome 54						N/A
Chrome 53						N/A
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Chrome 51						N/A
Chrome 50						N/A
Chrome 49						
Chrome 48						
Chrome 47						
Chrome 46						
Chrome 45						
Chrome 44						
Chrome 43						
Chrome 42	N/A					
Chrome 41	N/A					
FireFox 76		N/A	N/A		N/A	N/A
FireFox 75			N/A		N/A	N/A
FireFox 74		N/A	N/A		N/A	N/A
FireFox 73		N/A	N/A		N/A	N/A
FireFox 72					N/A	N/A
FireFox 71					N/A	N/A
FireFox 70					N/A	N/A
FireFox 69					N/A	N/A
FireFox 68					N/A	N/A
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FireFox 53						N/A

FireFox 52						N/A
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FireFox 48						N/A
FireFox 47						N/A
FireFox 46						
FireFox 45						
FireFox 44						
FireFox 43						
FireFox 42						
FireFox 41						
FireFox 40						
FireFox 39						
FireFox 38						
Opera 68					N/A	N/A
Opera 67					N/A	N/A
Opera 66					N/A	N/A
Opera 65					N/A	N/A
Opera 64					N/A	N/A
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Opera 41						N/A
Opera 40						N/A
Opera 39						N/A
Opera 38						N/A
Opera 37					N/A	N/A

Opera 36						
Opera 35						
Safari 13	N/A	N/A	N/A	N/A	N/A	N/A
Safari 12	N/A	N/A	N/A	N/A	N/A	N/A
Safari 11	N/A	N/A	N/A	N/A	N/A	N/A
Safari 10.1	N/A	N/A	N/A	N/A	N/A	N/A
Safari 9	N/A	N/A	N/A	N/A	N/A	N/A
Safari 8	N/A	N/A	N/A	N/A	N/A	N/A
Safari 7	N/A	N/A	N/A	N/A	N/A	N/A
Safari 6.2	N/A	N/A	N/A	N/A	N/A	N/A

	Mac 10.15	Mac 10.14	Mac 10.13	Mac 10.12	Mac 10.11	Mac 10.10	Mac 10.9	Mac 10.8
Edge 80		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Edge 79		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chrome 81					N/A	N/A	N/A	N/A
Chrome 80 x64						N/A	N/A	N/A
Chrome 79						N/A	N/A	N/A
Chrome 78 x64						N/A	N/A	N/A
Chrome 77 x64	N/A						N/A	N/A
Chrome 76 x64	N/A						N/A	N/A
Chrome 75 x64	N/A						N/A	N/A
Chrome 74 x64	N/A						N/A	N/A
Chrome 73 x64	N/A						N/A	N/A
Chrome 72 x64	N/A						N/A	N/A
Chrome 71 x64	N/A						N/A	N/A
Chrome 70 x64	N/A						N/A	N/A
Chrome 69 x64	N/A						N/A	N/A
Chrome 68 x64	N/A	N/A					N/A	N/A
Chrome 67 x64	N/A	N/A					N/A	N/A
Chrome 66 x64	N/A	N/A					N/A	N/A
Chrome 65 x64	N/A	N/A					N/A	N/A
Chrome 64 x64	N/A	N/A					N/A	N/A
Chrome 63 x64	N/A	N/A					N/A	N/A
Chrome 62 x64	N/A	N/A					N/A	N/A
Chrome 61 x64	N/A	N/A					N/A	N/A
Chrome 60 x64	N/A	N/A					N/A	N/A
Chrome 59 x64	N/A	N/A					N/A	N/A
Chrome 58 x64	N/A	N/A					N/A	N/A
Chrome 57 x64	N/A	N/A					N/A	N/A
Chrome 56 x64	N/A	N/A					N/A	N/A
Chrome 55 x64	N/A	N/A					N/A	N/A

Chrome 54 x64	N/A	N/A	N/A				N/A	N/A
Chrome 53 x64	N/A	N/A	N/A				N/A	N/A
Chrome 52 x64	N/A	N/A	N/A				N/A	N/A
Chrome 51 x64	N/A	N/A	N/A	N/A			N/A	N/A
Chrome 50 x64	N/A	N/A	N/A	N/A				N/A
Chrome 49 x64	N/A	N/A	N/A	N/A				
Chrome 48 x64	N/A	N/A	N/A	N/A				
Chrome 47 x64	N/A	N/A	N/A	N/A				
Chrome 46 x64	N/A	N/A	N/A	N/A				
Chrome 45 x64	N/A	N/A	N/A	N/A				
Chrome 44 x64	N/A	N/A	N/A	N/A				
Chrome 43 x64	N/A	N/A	N/A	N/A				
Chrome 42 x64	N/A	N/A	N/A	N/A				
Chrome 41 x64	N/A	N/A	N/A	N/A				
FireFox 76		N/A	N/A	N/A	N/A	N/A	N/A	N/A
FireFox 75					N/A	N/A	N/A	N/A
FireFox 74					N/A	N/A	N/A	N/A
FireFox 73						N/A	N/A	N/A
FireFox 72					N/A	N/A	N/A	N/A
FireFox 71 x64					N/A	N/A	N/A	N/A
FireFox 70						N/A	N/A	N/A
FireFox 69	N/A						N/A	N/A
FireFox 68	N/A						N/A	N/A
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FireFox 66	N/A						N/A	N/A
FireFox 65	N/A						N/A	N/A
FireFox 64	N/A						N/A	N/A
FireFox 63	N/A						N/A	N/A
FireFox 62	N/A						N/A	N/A
FireFox 61	N/A	N/A					N/A	N/A
FireFox 60	N/A	N/A					N/A	N/A
FireFox 59	N/A	N/A						N/A
FireFox 58	N/A	N/A					N/A	N/A
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FireFox 50	N/A	N/A	N/A					N/A
FireFox 49	N/A	N/A	N/A					N/A
FireFox 48	N/A	N/A	N/A					
FireFox 47	N/A	N/A	N/A					

Firefox 46	N/A	N/A	N/A	N/A				
Firefox 45	N/A	N/A	N/A	N/A				
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Firefox 41	N/A	N/A	N/A	N/A				
Firefox 40	N/A	N/A	N/A	N/A				
Firefox 38	N/A	N/A	N/A	N/A				
Opera 66		N/A				N/A	N/A	N/A
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Opera 64						N/A	N/A	N/A
Opera 63	N/A						N/A	N/A
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Opera 49	N/A	N/A						N/A
Opera 48	N/A	N/A						N/A
Opera 47	N/A	N/A	N/A					N/A
Opera 46	N/A	N/A	N/A				N/A	N/A
Opera 45	N/A	N/A	N/A					N/A
Opera 44	N/A	N/A	N/A					N/A
Opera 43	N/A	N/A	N/A					N/A
Opera 42	N/A	N/A	N/A					N/A
Opera 41	N/A	N/A	N/A					N/A
Opera 40	N/A	N/A	N/A					N/A
Opera 39	N/A	N/A	N/A					N/A
Opera 38	N/A	N/A	N/A					N/A
Opera 37	N/A	N/A	N/A	N/A				N/A
Opera 36	N/A	N/A	N/A	N/A				
Opera 35	N/A	N/A	N/A	N/A				
Safari 13		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Safari 12	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Safari 11	N/A	N/A		N/A	N/A	N/A	N/A	N/A
Safari 10	N/A	N/A	N/A		N/A	N/A	N/A	N/A
Safari 9	N/A	N/A	N/A	N/A		N/A	N/A	N/A
Safari 8	N/A	N/A	N/A	N/A	N/A		N/A	N/A

Safari 7	N/A	N/A	N/A	N/A	N/A	N/A		N/A
Safari 6.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	