

**Connected Automated Monitoring + V4.3.1**  
**(Formerly known as Tutela)**  
**Release Notes**

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<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
2.1	Issue	21/09/2020
2.2	Issue	09/11/2020
3.1	Issue	14/09/2021

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## 1.0 Overview

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

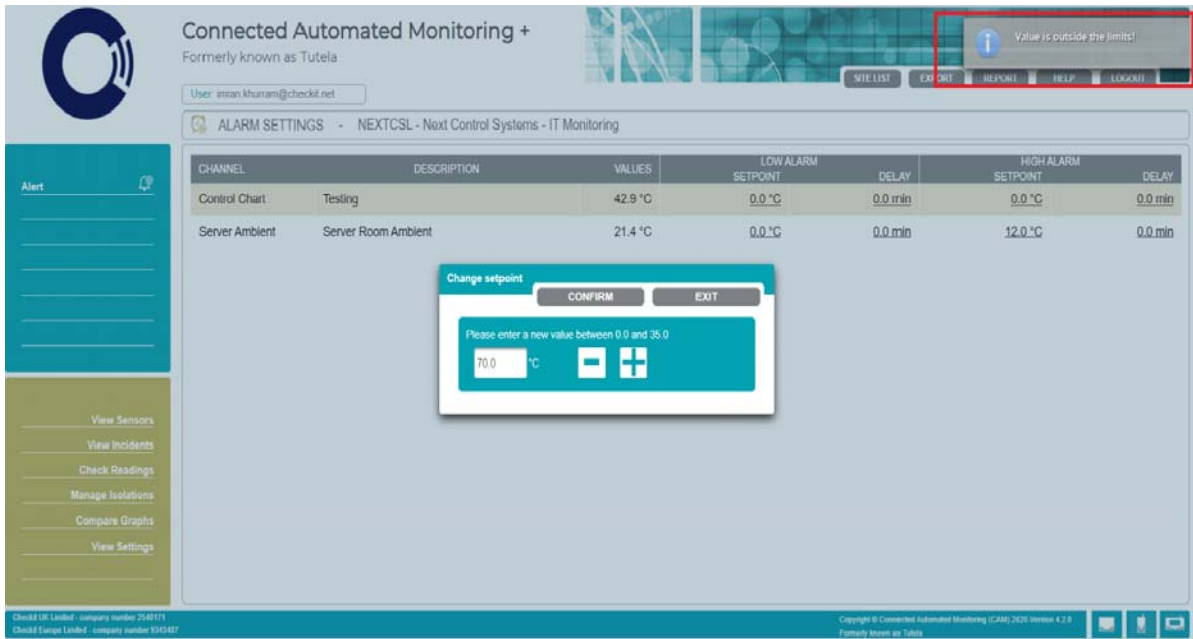
1.2 This version as with all previous versions provides remote access to the automatic recorded data and alarm exceptions of the sensing probes installed in the customer's facility. Customers can gain access to their data via the secure Connected Automated Monitoring web base application. The data records 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

1. Alerts to Jobs – This exciting feature will enable our customers to make use of the Connected work management to enable them to process incidents in a more customized fashion to better suite their differing requirements.
2. Alarm Auto-Cleared – Using this feature customer can request to disable audits on any alarmasset/ alarm type, which will be done using call centre web app. Then if an alarm should occur:
  - The alarm would appear in the alarm list for each sensor on the CAM+ website, but marked as complete with a label stating that no action is/was required
  - The customer would not need to take any further action (no audit is needed)

## 3.0 Improvements/Enhancements

1. Setpoint values can no longer be set outside the specified limits. An error message will be shown if tried to do so.



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User: imran.khanam@checkit.net

ALARM SETTINGS - NEXTCSL - Next Control Systems - IT Monitoring

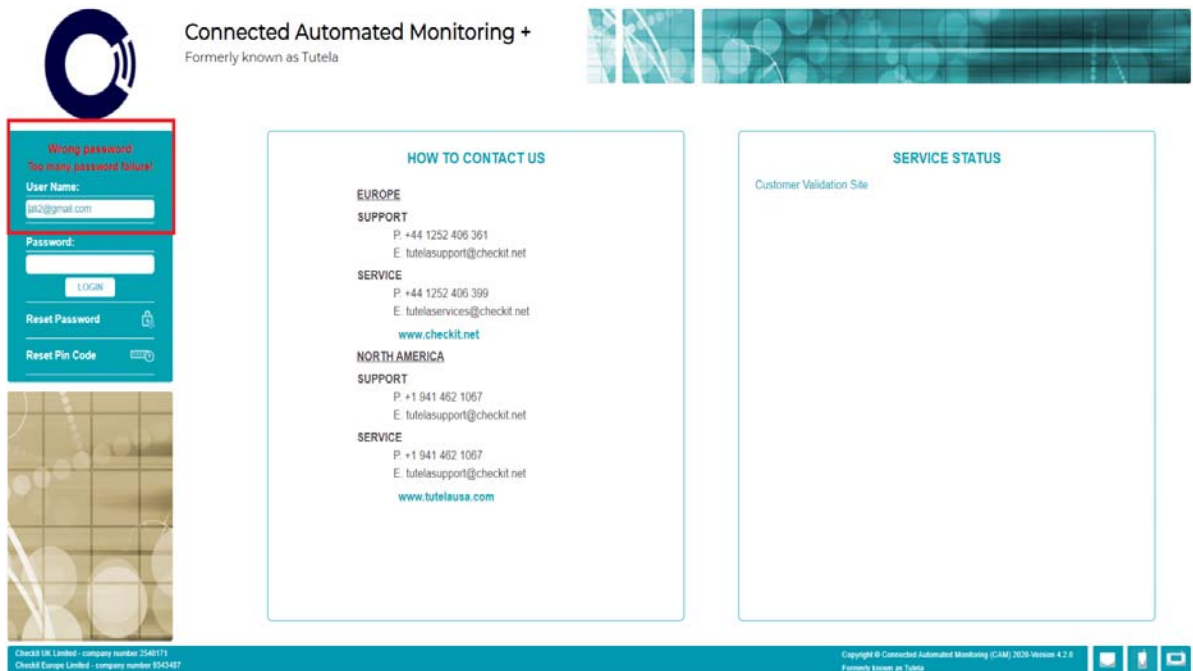
CHANNEL	DESCRIPTION	VALUES	LOW ALARM SETPOINT	DELAY	HIGH ALARM SETPOINT	DELAY
Control Chart	Testing	42.9 °C	0.0 °C	0.0 min	0.0 °C	0.0 min
Server Ambient	Server Room Ambient	21.4 °C	0.0 °C	0.0 min	12.0 °C	0.0 min

Change setpoint dialog: Please enter a new value between 0.0 and 35.0. Input: 70.0 °C

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2. User will be locked if he/she tried to login with wrong password three times. After that, user will need to reset the password using “Reset Password” page which will email a random password. Using that password, user can login and will be prompted to reset the password immediately after login.



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Wrong password!  
Too many password failures!

User Name:

Password:

LOGIN

Reset Password

Reset Pin Code

HOW TO CONTACT US

EUROPE  
SUPPORT  
P: +44 1252 406 361  
E: tutelasupport@checkit.net

SERVICE  
P: +44 1252 406 399  
E: tutelaservices@checkit.net  
www.checkit.net

NORTH AMERICA  
SUPPORT  
P: +1 941 462 1067  
E: tutelasupport@checkit.net

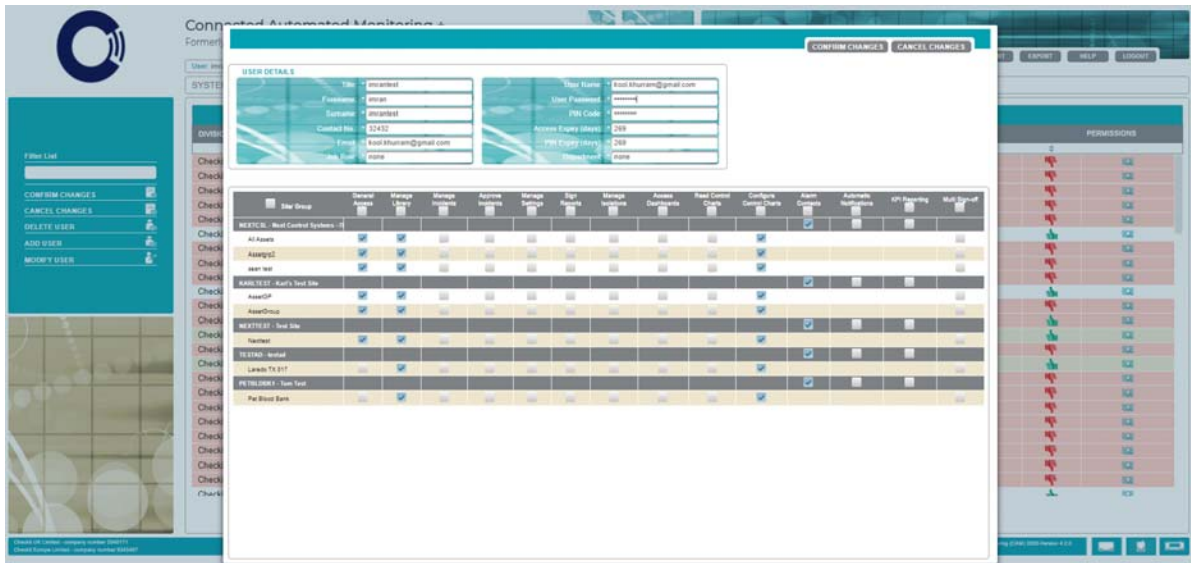
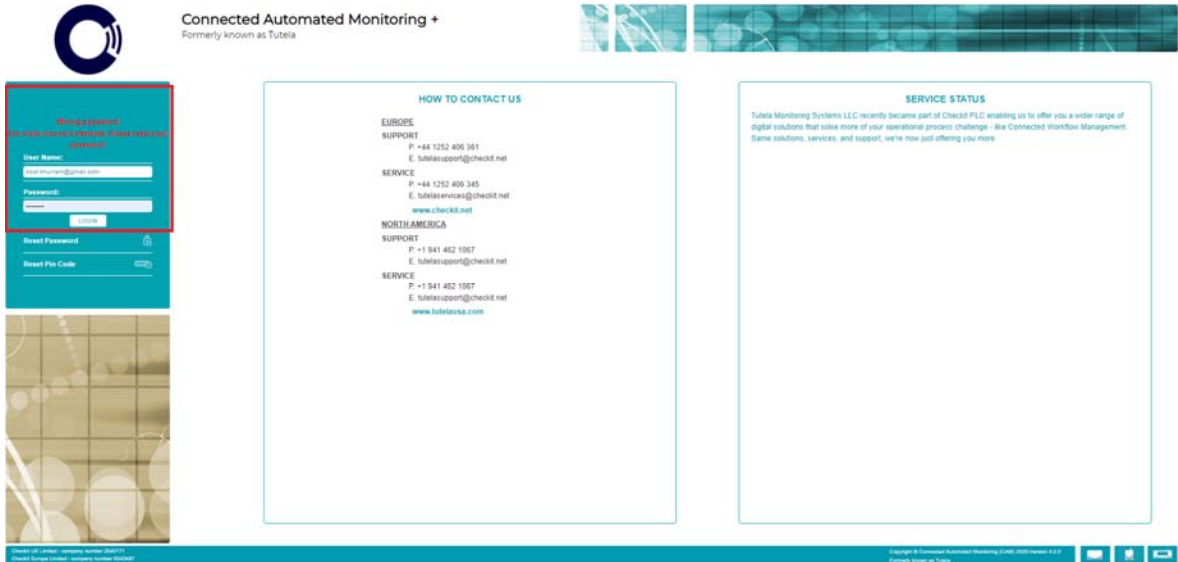
SERVICE  
P: +1 941 462 1067  
E: tutelasupport@checkit.net  
www.tutelausa.com

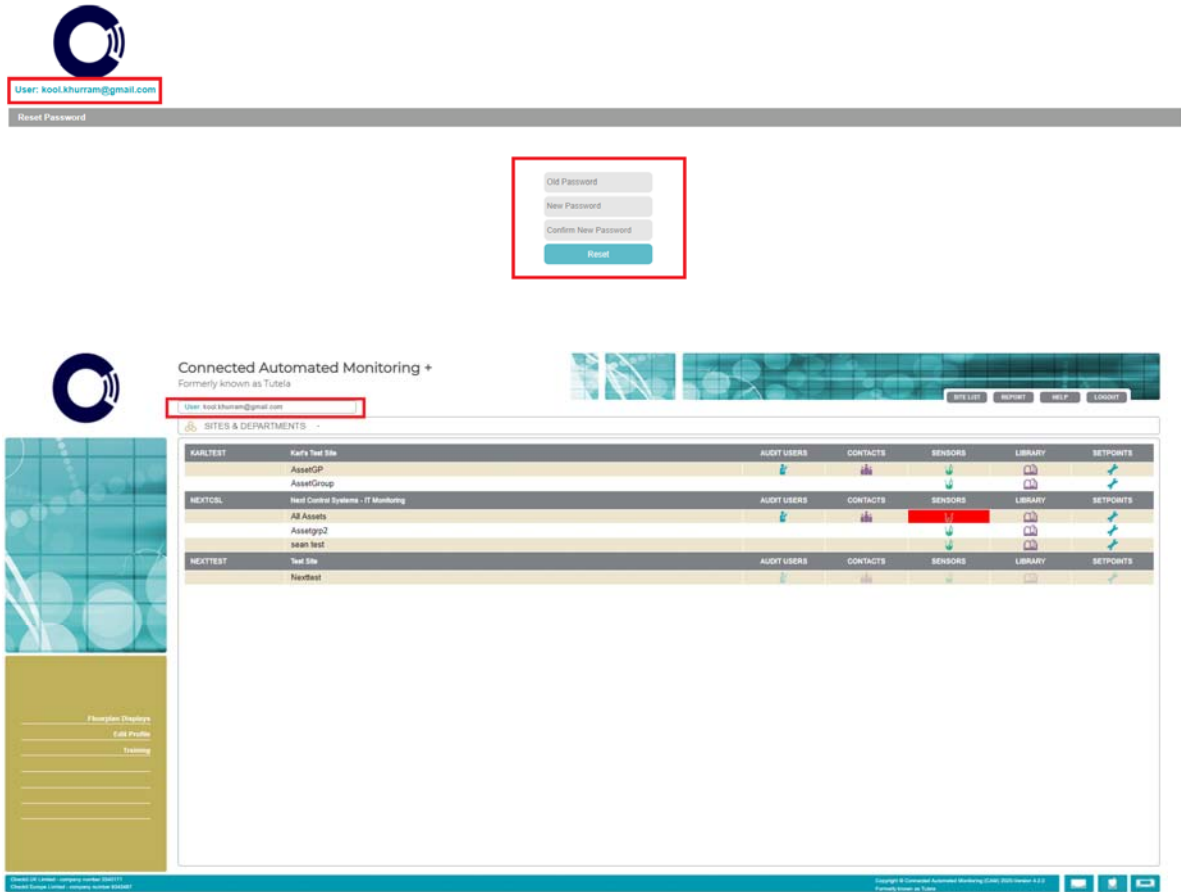
SERVICE STATUS  
Customer Validation Site

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- In case user gets locked after three failed login attempts, customer admin can also reset his/her password from Users page. The user will then be prompted to change the password immediately after login.



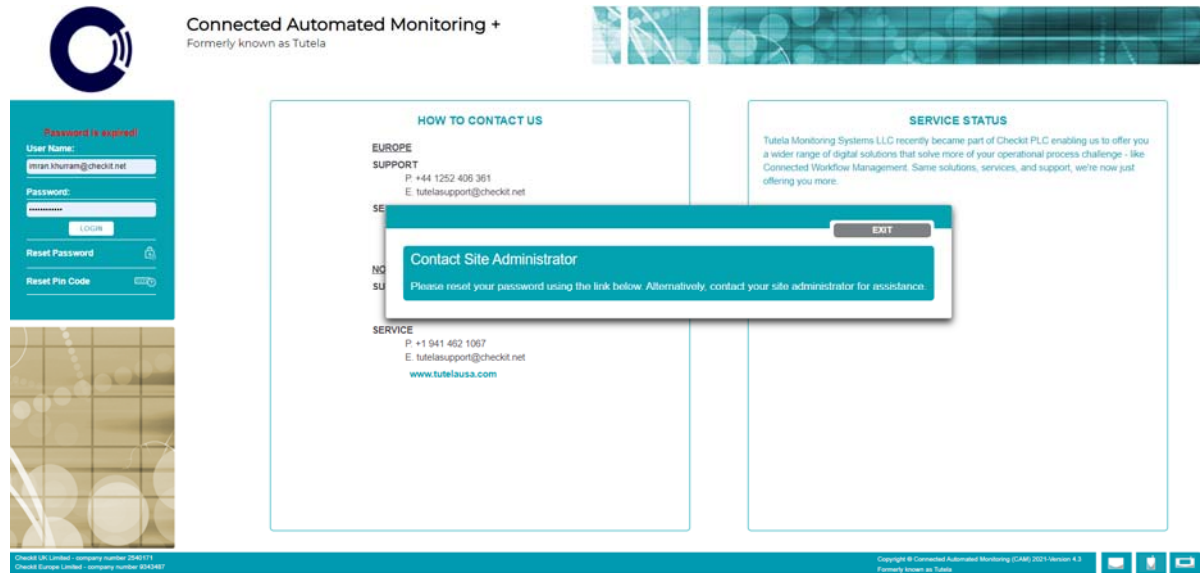


- If user do two wrong attempts on login, then on third successful attempt, the failure count will be reset, and user will still have the chance to do two wrong attempts next time he tries to login.
- Password and pincode validations are updated to full complexity. When setting password whether after password reset or from edit profile or from users management (by admin), Passwords would be required to contain a combination of letters, numbers, and special characters. And when setting Pincode, it cannot contain the following:
  - Single numerals – e.g., 11111111, 22222222, etc.
  - Sequential numerals – 123456789, etc.
  - Single lettes – aaaaaaaaa, bbbbbbbbbb, etc.
  - Sequential letters - abcdefghi
  - A limit is placed on the number of numbers/characters that can be sequential – i.e. no more than 4 characters long, such as 1234, abcd, etc.

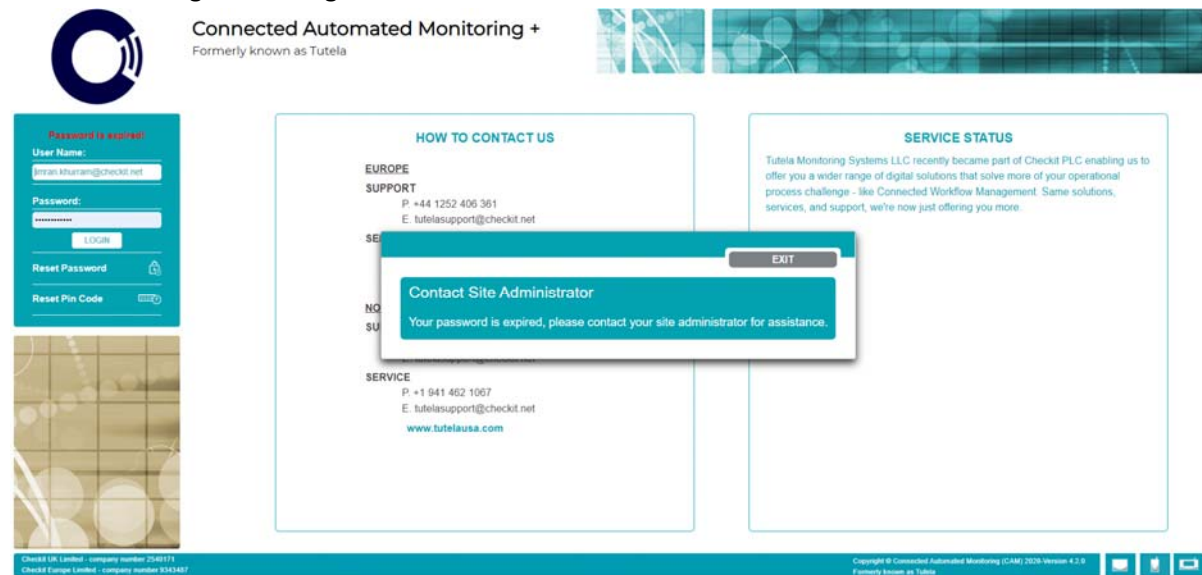


- If user password expires, it will receive an error message along with a dialog box. The wording of the dialog should be correct to describe the actual problem.

Wrong wording:

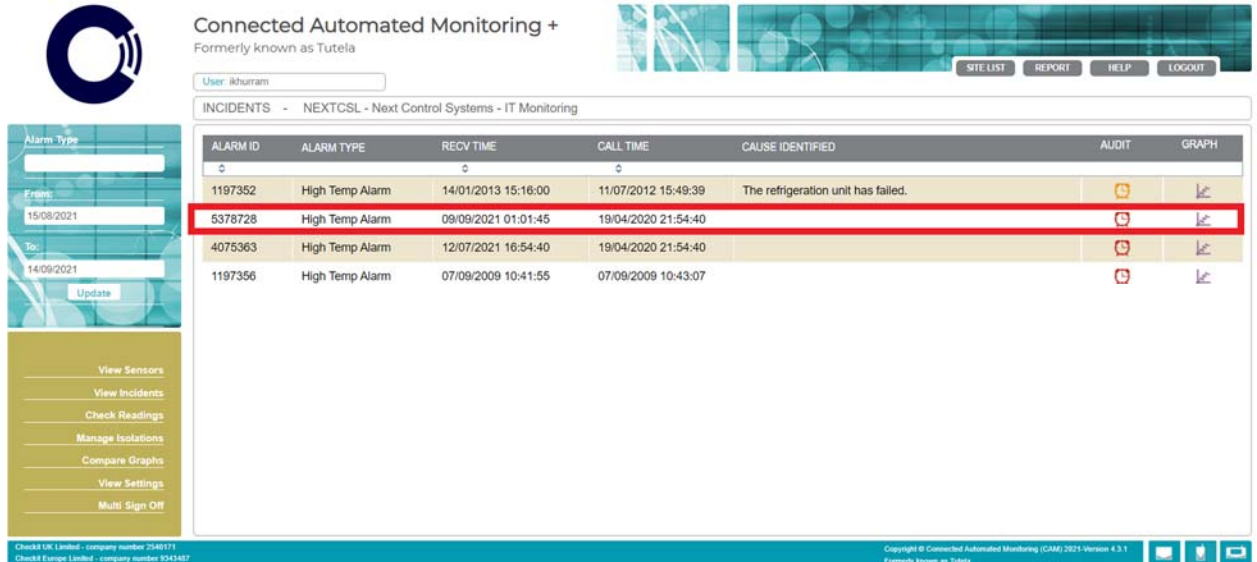


Correct wording after fixing:



- Auto-Refresh Incidents: Incident pages are enhanced so that they show the updated incident status automatically. Three pages are enhanced to refresh every 5 seconds i.e., Incidents page, Incident audits page and view incidents page. This feature will be helpful when incident audits are coming from external sources e.g. from mobile app through "Alerts to Jobs".

Before receiving audits:



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User: ihurram

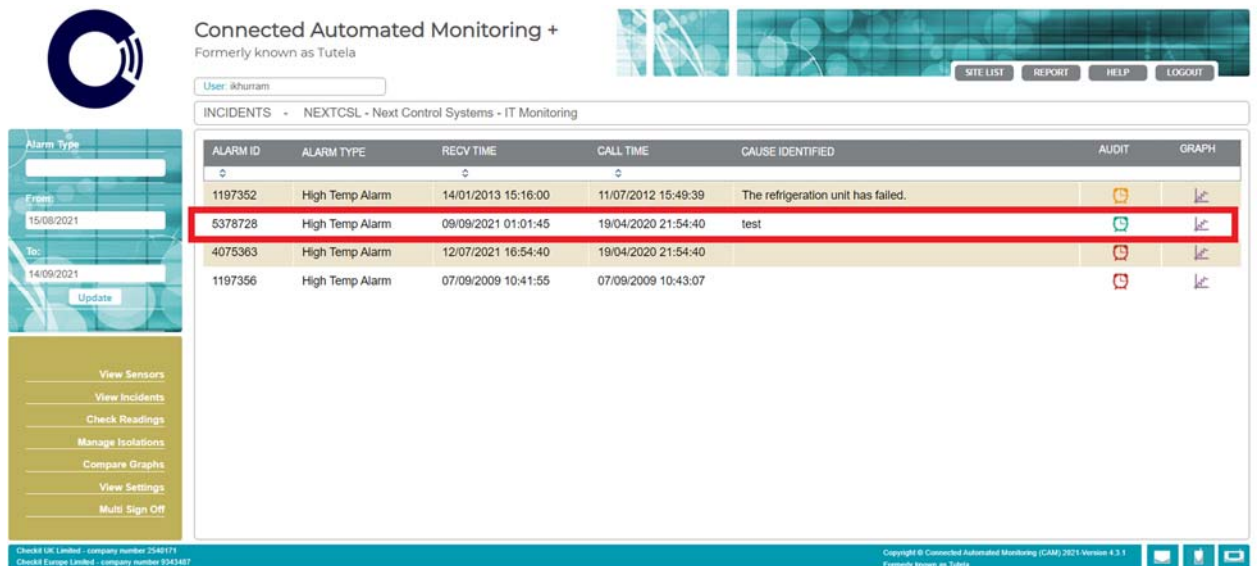
INCIDENTS - NEXTCSL - Next Control Systems - IT Monitoring

ALARM ID	ALARM TYPE	RECV TIME	CALL TIME	CAUSE IDENTIFIED	AUDIT	GRAPH
1197352	High Temp Alarm	14/01/2013 15:16:00	11/07/2012 15:49:39	The refrigeration unit has failed.		
5378728	High Temp Alarm	09/09/2021 01:01:45	19/04/2020 21:54:40	The refrigeration unit has failed.		
4075363	High Temp Alarm	12/07/2021 16:54:40	19/04/2020 21:54:40			
1197356	High Temp Alarm	07/09/2009 10:41:55	07/09/2009 10:43:07			

View Sensors  
View Incidents  
Check Readings  
Manage Isolations  
Compare Graphs  
View Settings  
Multi Sign Off

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Automatically refreshed after receiving audits:



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User: ihurram

INCIDENTS - NEXTCSL - Next Control Systems - IT Monitoring

ALARM ID	ALARM TYPE	RECV TIME	CALL TIME	CAUSE IDENTIFIED	AUDIT	GRAPH
1197352	High Temp Alarm	14/01/2013 15:16:00	11/07/2012 15:49:39	The refrigeration unit has failed.		
5378728	High Temp Alarm	09/09/2021 01:01:45	19/04/2020 21:54:40	test		
4075363	High Temp Alarm	12/07/2021 16:54:40	19/04/2020 21:54:40			
1197356	High Temp Alarm	07/09/2009 10:41:55	07/09/2009 10:43:07			

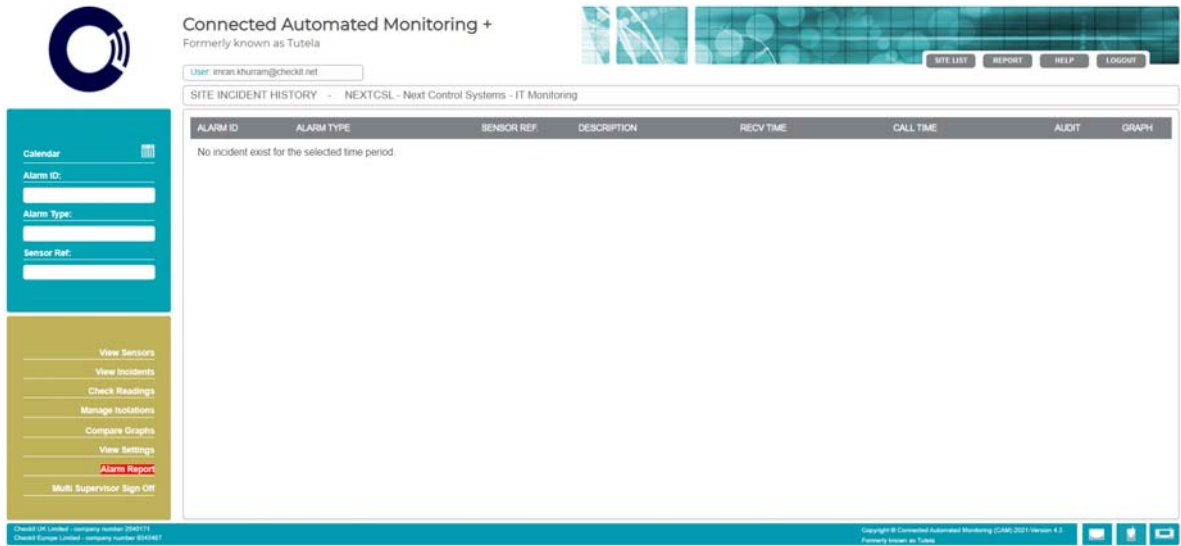
View Sensors  
View Incidents  
Check Readings  
Manage Isolations  
Compare Graphs  
View Settings  
Multi Sign Off

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## 4.0 Removed/Retired Features

## 5.0 Bug Fixes

1. Alarms were taking an hour to appear on incidents page. A fix is applied in the time zone conversion so alarms will appear immediately.
2. Highlighting/blinking of Alarms button (monthly alarms report) is fixed.



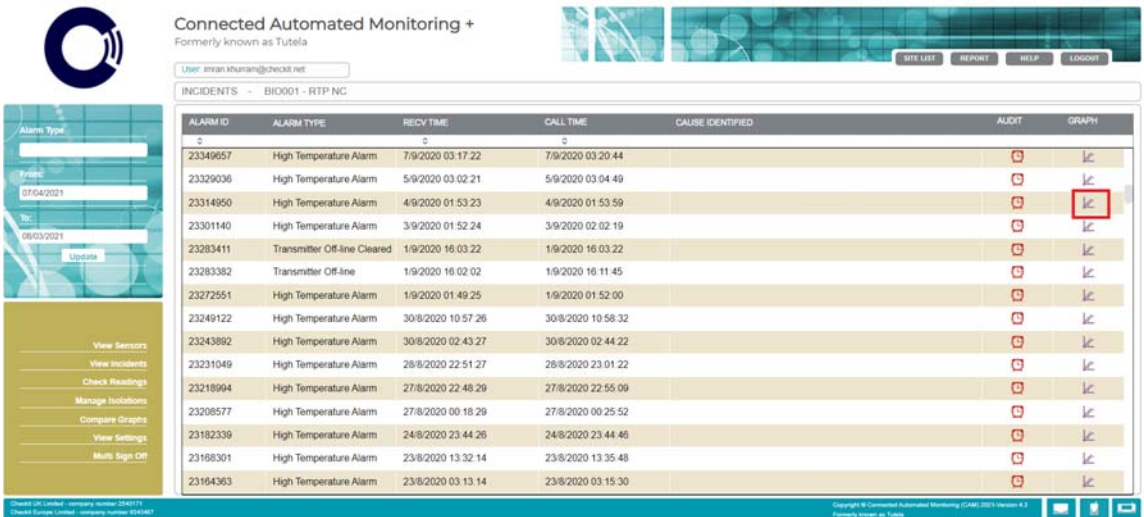
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User: imran.khuran@checkit.net

SITE INCIDENT HISTORY - NEXTCSL - Next Control Systems - IT Monitoring

ALARM ID	ALARM TYPE	SENSOR REF	DESCRIPTION	RECV TIME	CALL TIME	AUDIT	GRAPH
No incident exist for the selected time period.							

- Sensor values page when landed from incidents page was highlighting each value whether they are in the alarm period or not. Limits loaded is fixed so only alarm values will be highlighted.

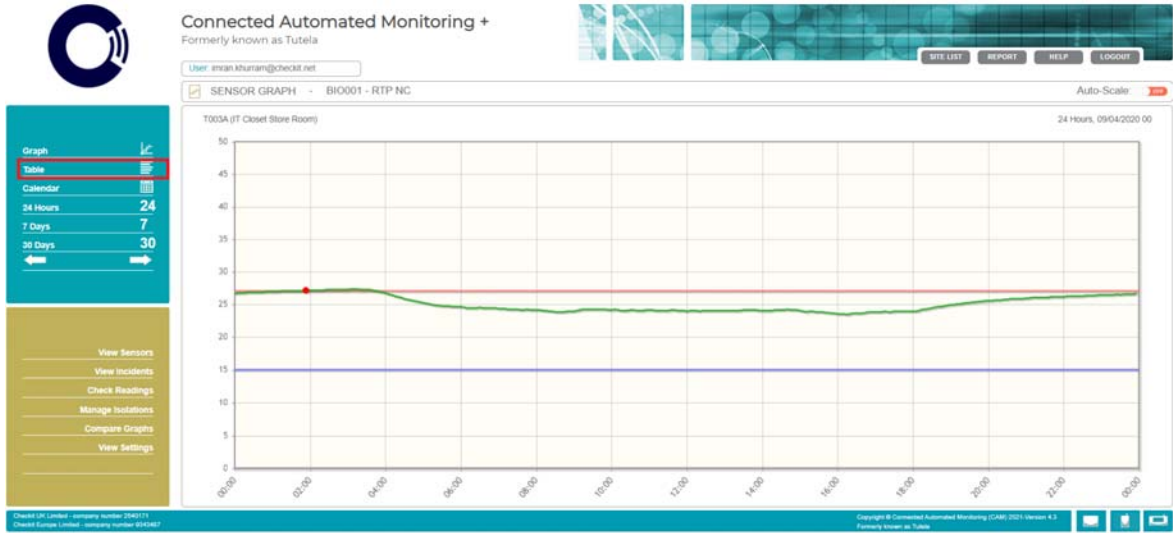


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INCIDENTS - BIO001 - RTP NC

ALARM ID	ALARM TYPE	RECV TIME	CALL TIME	CAUSE IDENTIFIED	AUDIT	GRAPH
23349657	High Temperature Alarm	7/9/2020 03:17:22	7/9/2020 03:20:44			
23329036	High Temperature Alarm	5/9/2020 03:02:21	5/9/2020 03:04:49			
23314950	High Temperature Alarm	4/9/2020 01:53:23	4/9/2020 01:53:59			
23301140	High Temperature Alarm	3/9/2020 01:52:24	3/9/2020 02:02:19			
23283411	Transmitter Off-line Cleared	1/9/2020 16:03:22	1/9/2020 16:03:22			
23283382	Transmitter Off-line	1/9/2020 16:02:02	1/9/2020 16:11:45			
23272551	High Temperature Alarm	1/9/2020 01:49:25	1/9/2020 01:52:00			
23249122	High Temperature Alarm	30/8/2020 10:57:26	30/8/2020 10:58:32			
23243892	High Temperature Alarm	30/8/2020 02:43:27	30/8/2020 02:44:22			
23231049	High Temperature Alarm	28/8/2020 22:51:27	28/8/2020 23:01:22			
23218994	High Temperature Alarm	27/8/2020 22:48:29	27/8/2020 22:55:09			
23208577	High Temperature Alarm	27/8/2020 00:18:29	27/8/2020 00:25:52			
23182339	High Temperature Alarm	24/8/2020 23:44:26	24/8/2020 23:44:46			
23168301	High Temperature Alarm	23/8/2020 13:32:14	23/8/2020 13:35:48			
23164363	High Temperature Alarm	23/8/2020 03:13:14	23/8/2020 03:15:30			



Sensor values page with the issue:

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SENSOR TABLE - BIO001 - RTP NC - T003A (IT Closet Store Room)

Date	Time	Value	Date	Time	Value	Date	Time	Value
04-Sep-2020	23:55	26.6 °C	04-Sep-2020	15:55	23.6 °C	04-Sep-2020	07:55	24.1 °C
04-Sep-2020	23:50	26.5 °C	04-Sep-2020	15:50	23.6 °C	04-Sep-2020	07:50	24.1 °C
04-Sep-2020	23:45	26.5 °C	04-Sep-2020	15:45	23.7 °C	04-Sep-2020	07:45	24.2 °C
04-Sep-2020	23:40	26.5 °C	04-Sep-2020	15:40	23.7 °C	04-Sep-2020	07:40	24.1 °C
04-Sep-2020	23:35	26.5 °C	04-Sep-2020	15:35	23.6 °C	04-Sep-2020	07:35	24.1 °C
04-Sep-2020	23:30	26.4 °C	04-Sep-2020	15:30	23.8 °C	04-Sep-2020	07:30	24.2 °C
04-Sep-2020	23:25	26.5 °C	04-Sep-2020	15:25	23.8 °C	04-Sep-2020	07:25	24.2 °C
04-Sep-2020	23:20	26.4 °C	04-Sep-2020	15:20	23.9 °C	04-Sep-2020	07:20	24.2 °C
04-Sep-2020	23:15	26.4 °C	04-Sep-2020	15:15	23.9 °C	04-Sep-2020	07:15	24.2 °C
04-Sep-2020	23:10	26.4 °C	04-Sep-2020	15:10	23.8 °C	04-Sep-2020	07:10	24.3 °C
04-Sep-2020	23:05	26.4 °C	04-Sep-2020	15:05	23.9 °C	04-Sep-2020	07:05	24.3 °C
04-Sep-2020	23:00	26.4 °C	04-Sep-2020	15:00	24 °C	04-Sep-2020	07:00	24.3 °C
04-Sep-2020	22:55	26.4 °C	04-Sep-2020	14:55	24.1 °C	04-Sep-2020	06:55	24.4 °C
04-Sep-2020	22:50	26.3 °C	04-Sep-2020	14:50	24.1 °C	04-Sep-2020	06:50	24.4 °C
04-Sep-2020	22:45	26.3 °C	04-Sep-2020	14:45	24.1 °C	04-Sep-2020	06:45	24.4 °C
04-Sep-2020	22:40	26.3 °C	04-Sep-2020	14:40	24.2 °C	04-Sep-2020	06:40	24.4 °C
04-Sep-2020	22:35	26.3 °C	04-Sep-2020	14:35	24.1 °C	04-Sep-2020	06:35	24.4 °C

04/09/2020: Min: 23.4 °C, Max: 27.3 °C, Avg: 25 °C

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Sensor values page after fixing the issue:



## 6.0 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					N/A	N/A
Chrome 72						N/A
Chrome 71						N/A
Chrome 70						N/A
Chrome 69						N/A
Chrome 68						N/A
Chrome 67						N/A
Chrome 66						N/A
Chrome 65						N/A
Chrome 64						N/A
Chrome 63						N/A
Chrome 62						N/A
Chrome 61						N/A
Chrome 60						N/A
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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
FireFox 67					N/A	N/A



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Firefox 66					N/A	N/A
Firefox 65						N/A
Firefox 64						N/A
Firefox 63						N/A
Firefox 62						N/A
Firefox 61						N/A
Firefox 60						N/A
Firefox 59						N/A
Firefox 58						N/A
Firefox 57						N/A
Firefox 56						N/A
Firefox 55						N/A
Firefox 54						N/A
Firefox 53						N/A
Firefox 52						N/A
Firefox 51						N/A
Firefox 50						N/A
Firefox 49						N/A
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
Opera 63					N/A	N/A
Opera 60					N/A	N/A
Opera 58					N/A	N/A
Opera 57					N/A	N/A
Opera 56					N/A	N/A
Opera 55					N/A	N/A
Opera 54						N/A
Opera 53					N/A	N/A
Opera 52					N/A	N/A
Opera 51					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	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
FireFox 67	N/A						N/A	N/A
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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
FireFox 57	N/A	N/A						N/A
FireFox 56	N/A	N/A						N/A
FireFox 55	N/A	N/A	N/A					N/A
FireFox 54	N/A	N/A	N/A					N/A
FireFox 53	N/A	N/A	N/A					N/A
FireFox 52	N/A	N/A	N/A					N/A
FireFox 51	N/A	N/A	N/A					N/A
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				
FireFox 44	N/A	N/A	N/A	N/A				
FireFox 43	N/A	N/A	N/A	N/A				
FireFox 42	N/A	N/A	N/A	N/A				
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
Opera 65		N/A					N/A	N/A
Opera 64							N/A	N/A
Opera 63	N/A						N/A	N/A
Opera 62	N/A						N/A	N/A
Opera 60	N/A						N/A	N/A
Opera 58	N/A						N/A	N/A
Opera 57	N/A						N/A	N/A
Opera 56	N/A						N/A	N/A
Opera 55	N/A	N/A					N/A	N/A
Opera 54	N/A	N/A					N/A	N/A
Opera 53	N/A	N/A					N/A	N/A
Opera 52	N/A	N/A					N/A	N/A
Opera 51	N/A	N/A					N/A	N/A
Opera 50	N/A	N/A					N/A	N/A
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



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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	