



Tutela V4.2 - Release Notes

<u>Version</u>	Description	Release Date
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).

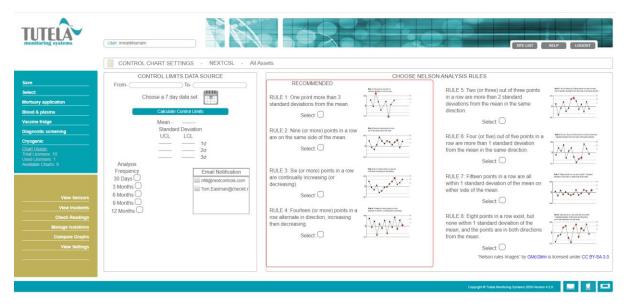


Figure 1. Control charts configuration page





TUTERA monitoring systems	User: akhum		
		TROL CHART - NEXTCSL - Next Control Systems - IT Monitoring	
	Sys 02 (Server Room AC Return New) 20-Oct-2019 to 02-Nov-2019	٦
Line 🛃	UCL		
Scatter	0.5480	30	
Calendar 🗰	0.5479 -	20 20	
	0.5478		
· ·	0.5477 -		
	0.5476 -		
View Sensors View Incidents	0.5475 -		
Check Readings	0.5474 -	20	
Manage Isolations Compare Graphs View Settings	0.5473 -		•
Control Chart Settings	LCL +	হাটন হাটন হাটন হাটন গাঁমন গাঁমন	
		Copingin & Tupes Nontrang Speers 2014-Version 4.1.1 🛛 🔜 🚺 🖬	Þ

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).

TUTERA monitoring systems	User: imrankhurram			68		SITE UST	HELP LOGOUT
	INCIDENTS -	NEXTCSL - Next Control	Systems - IT Monitoring				
From:	ALARM ID	ALARM TYPE	RECV TIME	CALL TIME	CAUSE IDENTIFIED	AUDIT STAGE	SELECT GRAPH
29/04/2020	0		0	\$			
то:	22005965	High Temperature Alarm	20/05/2020 09:40:23	20/05/2020 09:40:35	test test	Corrective Action Taken	
29/05/2020 Update	22102085	High Temperature Alarm	28/05/2020 15:30:03	28/05/2020 15:34:37		Cause Identified	
Alarm Type Select One							
Atorm Stage Select One							
CONDUM							
View Sensors							
View Incidents Check Readings							
Manage Isolations							
Compare Graphs View Settings							
						Copyright @ Tutela Monitoring Systems 2020-h	tersion 42.0 📃 🚺 🛄

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.





TUTERA	User: imrankhurra	m	68				SITE LIST	REPORT HER	PLOGOUT
	SITES &	DEPARTMENTS - Next Control Systems							
	KARLTEST	Karfs Test Site	AUDIT USERS	CONTACTS SENS	SORS LIBRARY	SETPOINTS	ALLOW 14 DAY ACCESS	CONTROL CHARTS	ALLOW CALL OPTION
		AssetGP	4	ili V	4 <u>m</u>	+		_	-
		AssetGroup		1	4 🔟	+			
	NEXTCSL	Next Control Systems - IT Monitoring	AUDIT USERS	CONTACTS SENS	SORS LIBRARY	SETPOINTS	ALLOW 14 DAY ACCESS	CONTROL CHARTS	ALLOW CALL OPTION
		All Assets	<u> </u>	iĝi 🚺	J 🗋	*		~	-
		Assetgrp2		6	4 🗅	+			
		sean test	AUDIT	¥	4 📫	1			
	NEXTTEST	Test Site	AUDIT USERS	CONTACTS SENS	SORS LIBRARY	SETPOINTS	ALLOW 14 DAY ACCESS	CONTROL CHARTS	ALLOW CALL OPTION
		Nexttest		ilii V		1	ALLOW 14 DAY	-	-
	PETBLDBK1	Tom Test	AUDIT USERS	CONTACTS SENS		SETPOINTS	ACCESS	CONTROL CHARTS	ALLOW CALL OPTION
		Pet Blood Bank	<u>i</u>	iñi V	<u>۵</u>	1		_	-
	TESTAD	testad	AUDIT USERS	CONTACTS SENS	SORS LIBRARY	SETPOINTS	ALLOW 14 DAY ACCESS	CONTROL CHARTS	ALLOW CALL OPTION
Floorplan Displays		Laredo TX 017	Ľ	iði V	4 <u>C</u> h	+	-		-
Manage Users									
Training									
							Copyright @ Tutela Monit	toring Systems 2020-Version 4.2.0	

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

ALA	RM CONTACT ALLOCA CSL - Next Control Systems - IT	1 Bernett and the second	BACK HELP	NEW	MODIFY DE	ELETE	UPDA	TE	EXIT	HARTS	ALLOW CALL OPTIO
n + 1	MANAGE ALARM CONTACTS > A	LLOCATE CONTAG	CT NAMES + ALARM CONTACT.	ALLOCATION						PARTS	
	INACT	IVE ALARM CON	NTACTS		ACTIVE ALARI	MCONTACT	3		24/7 📇	HARTS	ALLOW CALL OPTIO
	CONTACT NAME	PHONE NO.	EMAIL		CONTACT NAME	PHONE	SMS	EMAIL		UNITS .	ALLOW CALL OF IIC
+	Darren Baker	07970105139	-	• •	Duty IT Mobile	101	~		REMOVE		
+	lan Budden	07909577011	ibudden@nextcontrols.	• •	Rebecca Ifill - Ext 350	10	10	10	REMOVE		
+	Duty IT Mobile	07775864658	itsupport@nextcontrols.	• •	Nouman Khurram - Ext 387	121			REMOVE	HARTS	ALLOW CALL OPTIC
+	Duty IT Mobile	07775864658	itsupport@nextcontrols.	• •	Darren Martin - Ext 346	100			REMOVE	ARTS	ALLOW CALL OPTIC
+	lan Budden	01252406357	-	• •	Ockert Botha - Ext 386	10			REMOVE		
+	Metering Alarming		derek@nextcontrols.coi	• •	Joseph Odoeme - Ext 349	181			REMOVE	HARTS	ALLOW CALL OPTIC
÷	Duty IT Mobile (PM)	07775864658	itsupport@nextcontrols.	• •	Rebecca Ifill	10		1	REMOVE		
+	Duty IT Mobile (PM)	07775864658	itsupport@nextcontrols.	• •	Rebecca Personal	18	10	10	REMOVE		
÷	Duty IT Mobile (PM)	07775864658	itsupport@nextcontrols.	• •	Duty Tech Support Mobile		-		REMOVE		
÷	Rebecca Ifill (PM)	07970615856	itsupport@nextcontrols.	•							
+	Rebecca Ifill Personal (P!	07830074676	itsupport@nextcontrols.	•							
+	Duty IT Mobile (PM)		itsupport@nextcontrols.								

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.





INCIDENT AUDIT - NEXTCSL - Next Control Syst	ems - IT Monitoring			
Server Ambiant - Server Room Ambiant			Alarm Call Aud	II Trail
		1 20/05/2020 09:40:23	_	Alarm Received
Alarm insident ID: 00005005	Incident Cause Identit	ied ×	SMS	07775864658
		ilia	Email	itsupport@nextcontrols.com,
				Incident Closed
	test			
Alarm called out by:	test			
Incident Audit Report				
By				
Cause Identified: (imrankhurram				
Competing Action Taken				
Incident Resolved:	Plandard Commonte			
	Standard Comments	Confirm Cancel		
Supervisory Sign On:				
View Report				
	Alarm Incident ID 22005965 Alarm type: [High Temperature Alarm Alarm received 20105/2020 09:40:23 Alarm called out by	Alarm incident ID: 20009965 Alarm hype: High Temperature Alarm Alarm neceived: 2005/2020 09:40:23 Alarm called out by Incident Audit Report By Cauce Mentified: Incident Resolved: Incident Resolved: Supervisory Sign Of: Incident Cauce Identified: Incident Resolved: Incident Resol	Alarm Incodent ID: 22003965 Alarm Incodent Audit Report Ery Cause Martinet: Environments Supervisory Sign Of:	Atam Incodent ID 22005955 SMS SMS SMS Email Atam Incodent Audit Report

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

TUTELA	User: Imrankhurra	SITE LAST MELP LOO	gour
Graph LC	INCIDENT A	EXT REPORT Server Ambiant - Server Room Ambiant Alarm Incident ID: 22005956 Alarm byse: High Temperature Alarm Alarm nealined: 20052020 09:40:23 Alarm celled: 20052020 09:40:24 Alarm celled: 20052020 09:40 Alarm celled: 20052020 09:40 Alarm celled: 20052	
	/ Alam	Alarm Call Audit Trail Drift@next.com(n) 1 2005/2020 09:40 23 Alarm Received nt Closed 2 2005/2020 09:40 35 SMS 0777/564658 nt Closed 3 2005/2020 09:40 35 Email itsupport@mext.comtrols.com, itsupport@mext.comtrols.com, 4 2005/2020 09:40 35 Email itsupport@mext.comtrols.com, incident Closed	
View Sensors View Incidents	Corre	Incident Audit Report NCIDENT CAUSE: 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
Check Readings Check Readings Manage Isolations Compare Graphs View Settings	Su	2. Lest Lest	
		Innan alt (emanshuurram) 27/65/2020 10:51	

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: Sumame: Gonlect No: Frail Job Role:	UserName: * User Password: * PIN Code: * Access Expiry (days): * PIN Expiry (days): * Department: *	
OPERATING DIVISION		
4D Molecular Therapeutics CA.		- 0
A new customer		
AAA Tutela Demo Website		
AAAAA - Greg's Standard WARP Template		
AADNAN		
Abergele Hospital		
14 SA	1234 🍽 🛤	

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

	Imran					User Name	imrankhi	urram						
Surname: Contact No.: Email: Job Role:	01252 imrank	406398 thurram@yr	nail.com			PIN Code Expiry (days) Expiry (days) Department	211 211	-						
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-
EXTCSL - Next Control Systems - IT	~	~	~	~	~	~	~	~			~	~		
	~	~	~	~	~	~	~	~						
sean test	~	~		~	~	~	~							
ARLTEST - Karl's Test Site			_			_		_	_		~			_
	~	~	~	~	~	~	~	1.1		1.1	_			1.1
AssetGroup	~	~	1	~	~	~	~							
EXTTEST - Test Site														
Nexttest	~	_	~	_	~	~	~	_						
ESTAD - testad														
Laredo TX 017														
ETBLDBK1 - Tom Test														
Pet Blood Bank														

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.





	User. imrankhurram			Ø R			STE	LIST REPORT HE	LP LOGOUT
	🔒 SITES & DEPARTI	IENTS - Next Control Sys	tems						
	NEXTCSL Next Cont	roi Systems - IT Monitoring		AUDIT USERS	CONTACTS SENSORS	LIBRARY SET	POINTS ALLOW 14 DAY ACCESS	CONTROL CHARTS	ALLOW CALL OPTION
	All Asset			<u> </u>	ili U	<u> </u>	ACCESS	×	-
	Assetgrp				14				
	sean tes	t			14	<u> </u>	F		
Xo									
Floorplan Displays Manage Users									
Training 									
							Copyright @ Tutela	Monitoring Systems 2020-Version 4.2.0	

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.

		SITE LIST REPORT HELP
AUTOMATIC ALARM NOTIFICATIONS NEXTCSL - Next Control Systems - IT Monitoring		BACK HELP EXIT
AUTOMATIC ALARM NOTIFICATIONS > ALARM 1	TYPE	HARTS ALL
ALARM TYPE	EMAIL ADDRESSES	SMS NUMBERS
Transmitter Off-line	Itsupport@nextcontrols.com	No SMS Configured
Transmitter Off-line Cleared	itsupport@nextcontrols.com	No SMS Configured
Alarm Destination 1 Failure	support@tutelamedical.com	No SMS Configured
Alarm Destination 1 Failure Cleared	support@tutelamedical.com	No SMS Configured
Alarm Destination 2 Failure	support@tutelamedical.com/	No SMS Configured
Alarm Destination 2 Failure Cleared	support@tutelamedical.com/	No SMS Configured
Annual Site Recalibration Due	support@tutelamedical.com/	No SMS Configured
Annual Site Recalibration Due Cleared	support@tutelamedical.com	No SMS Configured
Manage Users Battery Low Alert	support@tutelamedical.com	01234567896,01234567896,01234567896,01234567896,01234567896, 01234567896,01234567866,0000000000000000000000000000000000
Training Multiple Watchdog Resets Alarm	support@tutelamedical.com	No SMS Configured
Multiple Watchdog Resets Cleared	support@tuelamedical.com	No SMS Configured
Signal Repeater Off-line	support@tutelamedical.com	No SMS Configured
Signal Repeater Off-line Cleared	support@tutelamedical.com	No SMS Configured
		SELECT TO MODIFY ENTRY

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



	Windows	Windows	Windows	Windows 7	Windows 7	Windows
	10	8.1	8	64-Bit		ХР
Edge 81		N/A	N/A	N/A	N/A	N/A
Edge 80		N/A	N/A	N/A	N/A	N/A
Edge 79		N/A	N/A	N/A	N/A	N/A
Edge 18		N/A	N/A	N/A	N/A	N/A
Edge 17		N/A	N/A	N/A	N/A	N/A
Edge 16		N/A	N/A	N/A	N/A	N/A
Edge 15		N/A	N/A	N/A	N/A	N/A
IE 11			N/A		N/A	N/A
IE 10	N/A	N/A			N/A	N/A
IE 9 x64	N/A	N/A	N/A		N/A	N/A
IE 9	N/A	N/A	N/A			N/A
IE 8	N/A	N/A	N/A	N/A		
Chrome 81					N/A	N/A
Chrome 80					N/A	N/A
Chrome 79					N/A	N/A
Chrome 78					N/A	N/A
Chrome 77					N/A	N/A
Chrome 76					N/A	N/A
Chrome 75					N/A	N/A
Chrome 74					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
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
Chrome 52					N/A
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
FireFox 67				N/A	N/A
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
Opera 50			N/A	N/A
Opera 49			N/A	N/A
Opera 48				N/A
Opera 47				N/A
Opera 46				N/A
Opera 45				N/A
Opera 44				N/A
Opera 43				N/A
Opera 42				N/A
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	Mac	Mac	Mac	Mac	Mac	Mac	Mac
	10.15	10.14	10.13	10.12	10.11	10.10	10.9	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
FireFox 67	N/A						N/A	N/A
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
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	N/A
Opera 65		N/A				N/A	N/A	N/A
Opera 64						N/A	N/A	N/A
Opera 63	NI / A					N/A	N/A	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
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						
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							