









Centrix Release Summary

This page shows the highlights of the major Centrix releases.

Title	Release Date (Production)	Release Date (Staging)	Release Version	Summary
Centrix R88 Release Notes	 11 Jun 2019	 05 Jun 2019	Centrix R88	<ul style="list-style-type: none">• Asset Updates<ul style="list-style-type: none">• Asset Health Tab• Asset Alarms Tab• Asset Playback Tab• Asset Edit Page• SSI Asset• EBITrack 400 Receiver Asset• Points Asset Playback Graphs• Total item counts added to list views• Hidden channels are now persisted in the URL on the Inspect Graph• Inspect graph splits series with the same unit but different scales• Inspect graph asset and channel filtering• Inspect captures print view• Asset selector on Inspect Captures• Firmware Management - Firmware Labels• Minor amendments and fixed issues
Centrix R87 Release Notes	 24 Apr 2019	 24 Apr 2019	Centrix R87	<ul style="list-style-type: none">• Features<ul style="list-style-type: none">• Inspect Graph<ul style="list-style-type: none">• Improved Graph Controls• Zooming Improvements• Dashed line to signify future data• Timezone• Downsampled Data• Points Capture Trace Processed Regions• Internet Explorer Bugs• Global Search• Export loggers list to CSV• Jump to graph / events from MIMOSA channels• Customise dates for training data on alarm wizards• Minor amendments and fixed issues• Addendum 87.1 Hotfix Release• Addendum 87.2 Hotfix Release• Addendum 87.3 Hotfix Release
Centrix R85 Release Notes	 18 Dec 2018	 18 Dec 2018	Centrix R85	<ul style="list-style-type: none">• Improved Health Dashboard<ul style="list-style-type: none">• Overview• New Edit Page• Rearranging the Layout• Adding a new Indication• Adding a new Group• Moving an Alarm• Removing an Indication• Removing a Group• Editing a Group• Editing an Indication• Copying a group to another Dashboard• Duplicate a Group• Editing Dashboard Options• Minor amendments and fixed issues
Centrix R84 Release Notes	 29 Nov 2018	 28 Nov 2018	Centrix R84	<ul style="list-style-type: none">• Inspect Graph changes<ul style="list-style-type: none">• Displaying outlying data• Capture Channels<ul style="list-style-type: none">• Date Picker has zoom to now button


				<ul style="list-style-type: none"> • Millisecond precision on data export from graphs • Uptime Statistics for RDAQ loggers • Inspect Captures <ul style="list-style-type: none"> • Clear Traces button added: • User Management <ul style="list-style-type: none"> • Fixed: Groups visible on user list view • Disable User • Inspect Events <ul style="list-style-type: none"> • Include State Events Checkbox • Current Time stored in URL • Button to go from Site View to Alarms page • Minor amendments and fixed issues
Centrix R83 Release Notes	05 Sep 2018	04 Sep 2018	Centrix R83	<ul style="list-style-type: none"> • Alarm Permissions changes • Playback Loading Issues • Triggers on Capture Trace Graphs • Zero stripping Capture Traces • Points Alarm Wizard Results • Points performance graph • Minor amendments and fixed issues
Centrix R82 Release Notes	02 Aug 2018	01 Aug 2018	Centrix R82	<ul style="list-style-type: none"> • New Track Circuits Icons • Search filters are now retained when navigating pages • Points Alarm Threshold report has moved • Minor amendments and fixed issues
Centrix R81 Release Notes	05 Jul 2018	04 Jul 2018	Centrix R81	<ul style="list-style-type: none"> • Sequence timing report • Alarm raises report • Asset View / Asset Health Playback • Health Dashboards can share health groups • Export Alarms • Alarm Sorting • Digital Channels can be plotted on the inspect channel graph • Points Alarm Wizard • Syslog Code Alarm • Minor amendments and fixed issues
Centrix R78 Release Notes	22 Feb 2018	19 Feb 2018	Centrix R78	<ul style="list-style-type: none"> • Track circuit alarm wizard • Points performance graph on Alarm Raise page • Points performance report • Lower limit on track circuit flick alarm • Minor amendments and fixed issues
Centrix R77.5 Release Notes	07 Feb 2018	07 Feb 2018	Centrix R77.5	<ul style="list-style-type: none"> • Points performance report • Fixed issues and minor amendments <ul style="list-style-type: none"> • Minor amendments • Bug fixes
Centrix R76 Release Notes	05 Jan 2018	19 Dec 2017	Centrix R76	<ul style="list-style-type: none"> • New alarm management • Capture browser • Forgot username & password functionality • New look and feel for list views • Sites (Legacy) removed • Raw analogue events report • Minor amendments and fixed bugs • R76.1 release • R76.2 release • R76.3 release • R76.4 release • R76.5 release
Centrix R75 Release Notes	17 Nov 2017	15 Nov 2017	Centrix R75	<ul style="list-style-type: none"> • New points alarm wizard • Health dashboard listing and removal • Health dashboard indication alarm selection • Trend switch features on problem page • Graph enhancements • Group selector replacement • Minor amendments & fixed issues
Centrix	23 Oct 2017	19 Oct 2017	Centrix	<ul style="list-style-type: none"> • Indicate expired manual toggles on health

R74
Release
Notes

R74

- dashboards
- Health dashboard user role
- Use map to set site location
- Asset location
- Assets displayed on geographical map
- Full screen graphs on problem details page
- Overlay points trace from previous week on problem details page
- Enhanced permission system
- Fixed issues/minor amendments
- Release R74.1

Centrix
R73
Release
Notes

 02 Oct 2017

 27 Sep 2017

Centrix
R73

- Health dashboard configuration
- Graphs
- Graph a channel from global search
- Link to alarm detail page from e-mail
- Alarm status now provides direct link to problem details page
- Added 'Inspect on Graph' action to alarm problem page
- Main menu & header changes
- User Admin converted to HTML
- Unassigned loggers hidden by default
- Bugfixes
- Release R73.1

Centrix
R70
Release
Notes


Never


Never

Centrix
R70

- This release number was skipped for internal reasons.

Centrix
R69
Release
Notes

 08 Jun 2017



 05 Jun 2017

Centrix
R69

- Unified search function
- Dashboard: Quick links and stats widgets merged
- Bug fixes

Centrix
R68
Release
Notes

 16 May 2017

 20 Apr 2017
 10 May 2017

Centrix
R68

- Removed main Flash-based application and replaced with HTML5 wrapper
- New dashboard page
- New sites listing & edit page
- New geographical site map
- Additional time zone support
- New alarm status page
- Alarm severity changes
- New bookmarks page
- Alarm label management
- Login page restyled to match new Centrix UI design
- Analogue channel unit conversion
- Restored "remember password" functionality
- "Reverted to normal" functionality added to analogue and digital state change alarms
- "Now" button added to playback date/time selector
- Bug fixes

Centrix
R67
Release
Notes

 13 Jan 2017

 12 Jan 2017

Centrix
R67

- Asset Operation Counting for Points
- Bug fix: Raw digital events report (mobile friendly version) showed inverted transition values.
- Bug fix: State transition counts report failed for sites in negative timezone offset.

Centrix
R66
Release
Notes

 27 Oct 2016

 26 Oct 2016

Centrix
R66

- Deleted alerts can now be restored
- Fixed a bug preventing the generation of raw digital event reports

Centrix
R64
Release
Notes

 22 Sep 2016

 20 Sep 2016

Centrix
R64

- Alarm editing and creation from HTML interface
- Fix for RelayALERT loggers where the time in the hour file jumps backwards
- Fix permission issue when assigning sites to RDAQ loggers
- CSRF protection improvements across various pages

Centrix
R63
Release

20 July 2016

13 July 2016


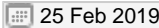



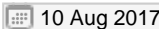
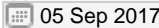
Centrix
R63

- Alarms can now be viewed (although not yet edited) on the HTML/mobile-friendly part of Centrix.
- Alarm labels can now be viewed and edited on the HTML

Notes				
				<ul style="list-style-type: none"> part. There is a new way of quickly adding and removing emails to/from multiple alarm labels. Improved performance when creating points alarms using large training data sets. New status bars on various grids on the mobile-friendly side that show how many rows are in the grids (and how many are filtered/selected). Warnings on the license manager when overlapping licenses are created for the same site.
Centrix R62 Release Notes	06 July 2016	29 June 2016	Centrix R62	<ul style="list-style-type: none"> Loggers can now be viewed and edited on the HTML side. Faster loading of the Alerts tab.
Centrix R61 Release Notes	10 June 2016	01 June 2016	Centrix R61	<ul style="list-style-type: none"> Alerts List now indicates active Points Alerts which are no longer in an alert state Alerts List now displays the date the alert was last configured Sites can now be edited on the HTML side, and loggers can be viewed.
Centrix R60 Release Notes	10 May 2016	9 May 2016	Centrix R60	<ul style="list-style-type: none"> Improved automatic tagging of anomalous capture traces
Centrix R59 Release Notes	19 March 2016	17 March 2016	Centrix R59	<ul style="list-style-type: none"> Automatic checking of capture trace episodes when configuring alarms Points alarms raised across multiple thresholds now combined into single e-mail Improved robustness of alerts using shared capture trace episodes
Centrix R58 Release Notes	15 March 2016	15 March 2016	Centrix R58	<ul style="list-style-type: none"> Global (shared) capture trace episodes can now be used when configuring points alarm thresholds Points alarm thresholds report
Centrix R57 Release Notes	15 March 2016	09 March 2016	Centrix R57	<ul style="list-style-type: none"> New mobile-friendly login page Automatic redirection to HTML dashboard if flash player is not installed Alphabetical sorting of groups Consistency checking of capture traces against capture trace episodes Additional diagnostic information provided in log messages for MIMOSA loggers. Auto tagging of anomaly capture traces. Fixed bug when manually configuring thresholds for episodes on a points alarm.
Centrix R56 Release Notes	14 January 2016	12 January 2016	Centrix R56	<ul style="list-style-type: none"> Performance improvements for SA380 push loggers.
Centrix R55 Release Notes	<i>Never released to production - R56 was released instead.</i>	16 December 2015	Centrix R55	<ul style="list-style-type: none"> Performance improvements for virtual channels and alarms. Slave logger channels can now easily be copied to Excel. New mobile friendly version of the analogue histogram report. Capture trace episode usability improvements Points alarm wizard improvements
Centrix R54 Release Notes	16 December 2015	10 December 2015	Centrix R54	<ul style="list-style-type: none"> Graph axis improvements in playback Automatic configuration of units on RDAQ loggers Points swing count report improvements Bookmarks can now be viewed and created using the mobile friendly (HTML) side of Centrix
Centrix R53 Release Notes	25 November 2015	20 November 2015	Centrix R53	<ul style="list-style-type: none"> More intuitive automatic y-axis on the browser graphs. Initialise debounce virtual channels when events arrive on other channels on the site, so a debounce on a channel that never changes still gets an initial state


				<ul style="list-style-type: none"> event. Introduce a HTML5 version of the State Transition Counts report. Add a new HTML5 report on points swing counts.
Centrix R52 Release Notes	18 November 2015	10 November 2015	Centrix R52	<ul style="list-style-type: none"> The digital/info events list in the browser can now be filtered by info events as well as digitals. Logger contact alarms on RDAQ loggers now use the time of the last communication rather than the time of the last event, fixing a problem with loggers that don't have any events for long periods of time. Manual file upload tools will now uploads files in alphabetical order rather than a non-deterministic order when multiple files are selected at once. Manual file upload tools now support dragging and dropping of folders as well as individual files. The "units" configuration for a channel can now be edited on MIMOSA loggers without first having to unmap the channel. Fixed bug where units were only visible for analogue channels in the channel list and not capture channels as well. SA-SSI event processing fix for an edge case where events were sometimes prefixed with carriage return characters. A new interface to allow the creation of Capture Trace Episodes that can be used to improve the accuracy of the points alert.
Centrix R51 Release Notes	28 October 2015	21 October 2015	Centrix R51	<ul style="list-style-type: none"> You can now setup an alert that will fire when a channel does not change for a given timeout period. More kinds of SSI alarms are now supported (some track circuit and signal alarms)
Centrix R50 Release Notes	14 October 2015	08 October 2015	Centrix R50	<ul style="list-style-type: none"> Channels can now be imported/exported to/from CSV files. The loggers tab now works better on smaller screens. The workflow for setting up Mimosa loggers has been simplified. Resolved issues with email field. Added a new analogue indication type which displays text based on the value of an integer state channel.
Centrix R49 Release Notes	30 September 2015	29 September 2015	Centrix R49	<ul style="list-style-type: none"> The TX-Admin tab has been removed, and TX loggers are now visible along with dialled loggers on the "Mimosa/Dialled Loggers" tab. Hour files can now be imported into Centrix manually. Virtual channels are now defined using a text-based format. This is more flexible - you can copy-and-paste and move bits of expression around more easily.
Centrix R48 Release Notes	16th September 2015	11th September 2015	Centrix R48	<ul style="list-style-type: none"> Deleted alerts can now be viewed using a filter on the alerts tab. Alerts can now be suppressed if they have the same alarm message as a previous alert within a configurable amount of time. Links on maps can now link to a location that is different to the display text of the link. Channels can now be flagged as archived. Minor UI improvements on TX-Admin / RDAQ Loggers / Alerts. More reliable configuration for new RDAQ loggers.
Centrix R47 Release Notes	28 August 2015	25 August 2015	Centrix R47	<ul style="list-style-type: none"> Debounce virtual channels (staging system only) Push logger stability improvements Digital events can now be selected in the browser and copied and pasted into Excel.
Centrix R46 Release Notes	12 August 2015	7 August 2015	Centrix R46	<ul style="list-style-type: none"> Alert auditing Coloured status indication for TX Loggers Stability improvements for the server side dialling infrastructure
Centrix R45 Release	24 July 2015	23 July 2015	Centrix R45	<ul style="list-style-type: none"> Support for many more kinds of SSI alarm. Event import performance optimisations. Improved handling of network errors during SSI data

Notes				import.
Centrix R44 Release Notes	10 July 2015	09 July 2015	Centrix R44	<ul style="list-style-type: none"> Improved level crossing barrier graphical object (converted to vector) Improvements to TX Admin Maintenance message Service desk link Points swing times report improvements Bug / maintenance fixes
Centrix R43 Release Notes	26 June 2015	25 June 2015	Centrix R43	<ul style="list-style-type: none"> Multi-coloured (threshold) analogue indicator on map Gauge analogue indicators on map Select and tag multiple capture traces Reduction in alerts from the Track Circuit alarm Playback performance improvements User profile
Centrix R42 Release Notes	11 June 2015	10 June 2015	Centrix R42	<ul style="list-style-type: none"> Track circuit alarm wizard enhancements Points alarm wizard enhancements Bulk editing and deletion of alerts Logger contact alarm updated to support all logger types Replay and alerting of SSI alarms Points swing time report (from relay data) <i>BETA</i> Maintenance window widget performance improvements on playback Sequence timing report filtering RDAQ loggers UI fixes
Centrix R41 Release Notes	17 May 2015	13 May 2015	Centrix R41	<ul style="list-style-type: none"> Points alarm wizard Group wide alert filtering Maintenance mode (alert suppression) for analogue channels Track circuit alarm improvements File validation fix for RelayALERT loggers Browser warning message
Centrix R40 Release Notes	01 May 2015	27 April 2015	Centrix R40	<ul style="list-style-type: none"> Trending capture trace features (e.g. point swings) Line projection on analogue graphs TX admin filtering Framework updates
Centrix R39 Release Notes	23 April 2015	27 April 2015	Centrix R39	<ul style="list-style-type: none"> Minor improvement to R38 release
Centrix R38 Release Notes	23 April 2015	27 April 2015	Centrix R38	<ul style="list-style-type: none"> NR/SIN/137 improvements / finalisation Analogue graph locking New RDAQ loggers now visible to site admins Restored visibility of alert e-mail recipients Fixes to RDAQ loggers user interface
Centrix R37 Release Notes	15 April 2015	27 April 2015	Centrix R37	<ul style="list-style-type: none"> Alerts listing performance improvement Labels included in alert e-mails Bug fixes
Centrix R36 Release Notes	02 April 2015	23 March 2015	Centrix R36	<ul style="list-style-type: none"> DC / TI21 track circuit alert processor DC / TI21 track circuit alert training & validation Alert labels for e-mail subscription groups & categorisation Saving of report parameters for re-use
Centrix R35 Release Notes	13 March 2015	13 March 2015	Centrix R35	<ul style="list-style-type: none"> Improved asset generation algorithms for the map designer Improved queue overflow detection for "SA380 Push" loggers Duplicate (copy) a virtual channel for a site System-wide user interface performance improvement State transition count report improvements
Centrix R34 Release Notes	25 February 2015	20 February 2015	Centrix R34	<ul style="list-style-type: none"> Hour file parser capacity improvement RelayALERT event import amendments Quickly zoom into capture trace graphs by double clicking on their icons on the graph. Select preset zoom levels to quickly switch between data

				<ul style="list-style-type: none"> • ranges. • Zoom level is now saved between sessions. • Large performance increase to graphs containing capture traces. • A better fix for the "object not found" errors on the map designer. • Sortable columns on the sequence timing report. • Playback maintenance window widget now displays correctly on low resolution screens.
Centrix R33 Release Notes	06 February 2015	30 January 2015	Centrix R33	<ul style="list-style-type: none"> • Preliminary RDAQ ("SA380 Push") logger support. • Locate a channel on the map from playback. • Added background colour configuration for maps. • Add capture traces to the analogue graph for playback. • Fixed object not found errors on map designer.
Centrix R32 Release Notes	16 December 2014	16 December 2014	Centrix R32	<ul style="list-style-type: none"> • Improvements to sequence timing report • Support for BBRail RelayALERT loggers • Improvements to alert history dialog • Timezone fixes
Centrix R31 Release Notes	8th December 2014		Centrix R31	<ul style="list-style-type: none"> • Create multiple track flick alerts from single screen. • Site name can now be different than the configured name on the logger. • Improved performance of digital events report. • Improved performance of CSV export on reports. • Map asset generator improvements.
Centrix R30 Release Notes	20 November 2014	19 November 2014	Centrix R30	<ul style="list-style-type: none"> • Priority can now be added to alerts. • Alerts filtering by name and status. • Channel listing now available on the map designer. • Site name now displayed when viewing capture traces. • Basic math functions now available on virtual channels. • Improved detection of user session expiry. • Login fields no longer stretch too far. • DIP states can now be inverted on graphical objects on the map.
Centrix R29 Release Notes	22 October 2014	TBC	Centrix R29	<ul style="list-style-type: none"> • Improved asset generation for repeat relay functions • New logger contact alert type to detect loss of contact with a logger
Centrix R28 Release Notes	21 October 2014	17 October 2014	Centrix R28	<ul style="list-style-type: none"> • Support for TX(-L) secured messaging protocol • Fixed issue with map designer delete button when double-clicked • Fixed issue when deleting users
Centrix R86 Release Notes	 25 Feb 2019	 25 Feb 2019	Centrix R86	<ul style="list-style-type: none"> • Features <ul style="list-style-type: none"> • Inspect Graph • New Channels Page • Date-Time Picker • Captures List <ul style="list-style-type: none"> • List Loading Time • Firmware Management • Alarm Status List • Loggers (Legacy) Page removed • Points Asset Page • Minor amendments and fixed issues
Centrix R77 Release Notes	 05 Feb 2018	 01 Feb 2018	Centrix R77	<ul style="list-style-type: none"> • Points analysis report • Health dashboard enhancements • Report management • Account setup email when creating users • Password reset • Performance improvements • Minor amendments and fixed issues
Centrix R72 Release Notes	 07 Sep 2017	 10 Aug 2017  05 Sep 2017	Centrix R72	<ul style="list-style-type: none"> • Asset management page • Alarm raise detail ("problem") page • Unified search improvements • Raw digital events report export • Event counters improvements • Bug fixes

Centrix
R71
Release
Notes

 27 Jul 2017

 26 Jul 2017

Centrix
R71

- Event counters
- Health dashboards
- Manual toggle alarms
- Reporting enhancements
- Other minor changes
- Bug fixes

Centrix
R65
Release
Notes

19/10/16

18/10/16

Centrix
R65

- Fix for RelayALERT hour file parsing
- Feedback when an invalid hour file is downloaded
- Speed improvement when loading sites
- Logic correction for 4-Aspect signals
- Client bandwidth reduction
- Improvements to HTML logger interface

Archive

Centrix R27 - 24 September 2014

- Generic sequence timing report (enhanced from level crossing warnings report)
- Always download current hour file option added to dialled loggers (available by request only)
- Read more in [Centrix R27 Release Notes](#)

Centrix R26 - 12 September 2014

- Amendments to TX admin screen
- Read more in [Centrix R26 Release Notes](#)

Centrix R25 - 21 August 2014

- Improved loading performance of digital event replay (playback)
- Fix occasional errors with diallers tab
- Read more in [Centrix R25 Release Notes](#)

Centrix R24 - 13 August 2014

- Level crossing warning times report for NR/SIN/137
- Read more in [Centrix R24 Release Notes](#)

Centrix R23 - 30 July 2014

- Improved load time after login
- Fixed issue when uploading map images using Internet Explorer
- General improvements to virtual channel processing
- Read more in [Centrix R23 Release Notes](#)

Centrix R19 - 7 May 2014

- Raw digital event data can now be exported into CSV files.
- The reporting module now uses the timezone of the selected site to display times and dates.
- The graphs widget is now prettier and faster
- Read more in [Centrix R19 Release Notes](#)

Centrix R18 - 23 April 2014

- Custom images can now be added to maps.
- Read more in [Centrix R18 Release Notes](#)

Centrix R17 - 09 April 2014

- Virtual channels now support a `time_between` operator
- Analogue indications can now be created on the map
- Non-stateful events (e.g. +Startup from an SA380) no longer have an UP state - they just appear in the event list without a state.
- Read more in [Centrix R17 Release Notes](#)

Centrix R16 - 18 March 2014

- Quad-state indications can now be created on the map
- AOC graph widget layout improvements (Playback)
- Fixed issues with AOC step graphs
- Various TX/MIMOSA improvements/fixes
- Read more in [Centrix R16 Release Notes](#)

Centrix R15 - 28 February 2014

- Custom tool-tip can now be added to channel indicators on map
- Alerts widget now available in Playback
- Live alert status indicators on map in Playback
- Huge performance improvement for legacy SA380, SSI & TDM logger replay
- Read more in [Centrix R15 Release Notes](#)

Centrix R14 - 13 February 2014

- Replay of capture traces from Playback screen
- Replay of analogue (AOC) graphs from Playback screen
- Added Z-index ordering to map graphical objects
- Added experimental virtual channel functionality
- Improved handling of BUSY line state in dialler
- Updated 3rd-party messaging libraries
- Improved performance of dialler log message retrieval
- Fixes to capture trace syncing and axes
- Read more in [Centrix R14 Release Notes](#)

Centrix R13 - 27 November 2013

- Comments can be added to capture traces
- Tag/filter capture traces by classifier
- 4-aspect signals can now be created without all inputs
- Logger types now shows next to site names
- Added auto date range options to state transition counts report
- Improved initial site load performance in playback
- Fixed optimistic lock exception issues on map designer
- Read more in [Centrix R13 Release Notes](#)

Centrix R12 - 12 November 2013

- Multiple trace overlay support for triggered captures
- Created *state transition counts* statistics report
- Enhancements to map & graphical objects
 - Added position light GR/GPR input
 - Position light signals now created during asset generation
 - Position light signals can now be created without an input
 - Added auto signal graphical object
 - Track circuit objects can now be created without an input
- Fixed issue where asset generation would sometimes fail
- Read more in [Centrix R12 Release Notes](#)

Centrix R11 - 04 January 2013

- Improved site playback load time
- Added *fast load* option to site playback

- Logic analyser widget added to digital event playback
- Maintenance window creation for alarm suppression
- Site playback layout and configuration saving
- Analogue data processing improvements for AOC graphs

Centrix R10 - 28 November 2012

- System-wide UI improvements
- Improved stability of map designer
- Improved handling of missing hour files by dialler
- Improved message tabs on TX admin
- Added *site link* graphical object to maps
- Added syslog file parsing for alarm conditions
- Added ability to remove channels from TX loggers
- Added show/hide toggle per channel on AOC graphs

Centrix R9 - 17 October 2012

- Improved live event handling in browser
- Updated dashboard screen
- Playback UI improvements
- Added support for MIMOSA message forwarding

Centrix R8 - 11 October 2012

- Brand new integrated event browser (playback)
- Added live event handling in playback
- Added pull latest data function to browser
- Improved loading of alarms
- Fixed label drawing issue on map viewer/designer

Centrix R7 - 06 September 2012

- Added triggered capture support (TX)
- Added capture trace browser and viewer (TX)
- Added tutorials
- Analogue graphs can now be deleted
- Improvements to analogue graphs
- Improvements to auto completed fields across system
- Added support for SA380TX-L loggers
- Fixed issue with bookmark comments created from browser