

Statesman bug fixes and software updates

Upgrade process

If upgrading from earlier versions of Statesman 4 contact Crystal Vision to see what steps are necessary for maintaining any database changes e.g. changes to board names.

If database changes do not need to be maintained uninstall the current version and delete the Crystal Vision folder in C:\Program Files before running the new installer.

If upgrading from Statesman 3 to Statesman 4 it's unlikely any database changes can be maintained. However with large systems check with Crystal Vision first.

If upgrading from Statesman 2 to Statesman 4 it is not possible to maintain any database changes.

In all cases Crystal Vision recommends you take frequent backups of the Statesman database using the Data > Backup Installation Data function within Statesman.

Version History

V4.6.1.26 released 4/6/10

Bugs fixed/features added in V4.6.1.26:

1. Control number range increased. Required for Synner 3G.
2. Added support for higher range board id's e.g. Up-Down-3G and Synner 3G.
3. Fixed problem in comms dll where breaking communication to frames could sometimes cause a crash.
4. Fixed problem where the Statesman database could crash if it's communicated with two different racks set to the default IP address.
5. Now remembers its license if switching between full and Lite mode (running with dongle connected or disconnected).
6. Added a function in the Data menu to clear licenses assigned to boards which are no longer present in the system.
7. Fixed bug where clicking on a frame alarm would result in an error message.

Known bugs in V4.6.1.26:

1. Frame and board alarms need tidying up to prevent false triggering.
2. Duplicate Composite Card function does not work.
3. Exporting alarms does not work.
4. Macro record and playback not working.

V4.6.0.8 released 10/7/09. Official dongle free version. Runs as full Statesman version when dongle plugged in. Runs as Statesman Lite without dongle (multiple users, composite modules, alarms, macros disabled).

Known bugs in V4.6.0.8 – as per V4.5.0.22b

V4.5.1.0 released 10/6/09. Interim dongle free release (requires license string to run without a dongle).

Known bugs in V4.5.1.0 – as per V4.5.0.22b

V4.5.0.22c released 13/5/09. Identical to V4.5.0.22b but GUIs for obsolete products re-added.

V4.5.0.22b released 7/5/09

Bugs fixed in V4.5.0.22b:

1. Store login password function improved.
2. User logout function removed due to unstable performance of this control. Will be added back in and fixed in future release.

Known bugs in V4.5.0.22b:

5. Frame alarms do not work. This is a new feature which is not yet fully functional.
 6. Duplicate Composite Card function does not work.
 7. Exporting alarms does not work.
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V4.5.0.20b released 3/3/09

Bugs fixed/features added in V4.5.0.20:

1. Upgrade to Rack GUIs now complete showing better status for PSU, fans etc
2. Option to store login details added.
3. In multi PC systems only master PC can add or remove racks to overcome “greyed frames” problem when client PCs add racks.
4. Main > Exit now works on client PCs in multi PC systems.
5. Multiple racks can now be selected and added within Statesman.
6. Clearer information on origin of alarms within Statesman and when sent to email address.
7. Control titles now copy across onto composite modules.
8. Fixed problem where database could get confused if it’s seen two racks with same IP addresses but different MAC addresses and serial numbers.
9. Fixed problem where Statesman could freeze if trying to poll offline racks (**new comms dll**).
10. Storing a preset now gives you a warning if trying to store/recall a different preset before the original store is complete.
11. Fixed problem where closing Demo mode would result in an error message.
12. Fixed problem with Demo mode would display incorrect GUIs.
13. Fixed problem with software versions for boards were not being correctly displayed.

Known bugs in V4.5.0.20:

8. The Main > Logout function can result in Access Violation error messages.
 9. Main > Logout automatically logs you back in if user has selected to save login details.
 10. Frame alarms do not work. This is a new feature which is not yet fully functional.
 11. Duplicate Composite Card function does not work.
 12. Exporting alarms does not work.
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V4.5.0.3 released 10/10/08

Bugs fixed in V4.5.0.3:

1. Fixed problem where “Remove lost boards/racks” function would result in error message. The process has been modified and Statesman now needs to be restarted after performing this function.
2. Fixed problem where composite modules would not show correct values after starting Statesman.
3. Fixed problem where SYN102 GUI would show 525 controls active when running in 625 line standard.
4. Fixed problem where linking a signal path back to a signal path would result in Statesman closing.
5. Rack status GUI disabled pending further work on information displayed.
6. Added the ability to browse to a file on a PC for updating product GUIs. Previously they had to be downloaded from the Crystal Vision website.
7. Fixed problem where boards would keep greying out (this is actually fixed with new front panel software)
8. Code no longer tracks board serial numbers so swapping cards around no longer causes a crash.
9. Warning now given if you attempt to close Statesman on the master PC.
10. Fixed problem where the rack would display as a padlocked board if a user has been denied licensing control to it.

Known bugs/extra features required in V4.5.0.3

1. Rack status needs finishing and adding in.
2. Can’t set frame alarms – “Rowsize too small” message occurs.
3. Adding racks on clients displays duplicate racks, one online the other greyed out.
4. Main > Exit doesn’t work on client PCs.
5. Can’t add multiple racks from within Statesman. They have to be added individually.
6. Alarm messages don’t address fault origin in a user friendly manner.

7. Email alarms not very descriptive.
8. Control titles don't copy on composite modules when dragging them into a group box.
9. Client PCs do not reflect server PC status unless a physical change has taken place. Needs dll fix.
10. If rack is added as say 10.0.0.201, taken offline and a second rack is added as 10.0.0.201, the database get confused and does not show the cards for the "new" 10.0.0.201 rack. This is probably due to the database tracking the front panel serial number.
11. Is it possible to give a warning is racks have same IP address set?
12. Statesman momentarily freezes when trying to poll offline racks.
13. Add option for save user name and password at login so that it doesn't need to be entered every time.

V4.2.0.24c released 18/10/07

Bugs fixed in V4.2.0.24c:

1. New comms dll (V2.55) bundled with installer to fix comms problem to higher node range boards.
2. Latest product GUIs bundled with installer.
3. Text clarification to popup box when adding an IP rack.
4. Fixed database error message when deleting a signal path with it open in the editor.
5. Fixed database error message when creating multiple composite modules.
6. Fixed access violation error message when dragging controls onto a second composite module.
7. Improved email alarm reporting – more information now included.
8. Fixed problem where single mouse click could grab boards when creating signal paths.
9. Fixed "list of index out of bounds" error message when trying to re-enter the signal path editor after previously deleting a signal path.
10. Fixed problem where signal paths produced a "JPEG error # 50" error message after upgrading a single PC database to multi PC.

V4.2.0.15 released May 2007

Bugs fixed in V4.2.0.15:

1. Fixed problem where sliders on composite modules didn't repaint when updated from board edge.
2. Fixed problem where card names were sometimes temporarily lost when frame powered down.
3. Fixed problem where backup and restore to file used different extensions.
4. Fixed client server communication problems.
5. Added function to allow SQLite single PC database to be upgraded to MySQL multi PC.
6. Fixed problem where importing Tandem presets from a file could crash Statesman.
7. Fixed problem where storing presets resulted in 16 identical entries in the import dialog box.
8. Made restoring comms to frame which has been offline more reliable.
9. Fixed problem where composite modules could overload certain cards with comms.
10. Fixed problem where composite modules could cause mouse cursor to move in slow motion.
11. Fixed problem where copy and paste was causing some cards to go offline (comms overload).
12. If logged in as Supervisor changing the racks/boards you have access to can cause serial frames to loose comms – fixed.
13. Fixed problem where opening Synner HD GUI could cause a crash.

Changes between Statesman versions

Statesman Version 4 – TCP/IP control added, Signal Path option added, composite modules enhanced.

Statesman Version 3 – Implemented MySQL database for multi PC applications. Composite modules added.

Statesman Version 2 – Multi PC networking capabilities added.

Statesman Version 1 – Early beta software, no networking capabilities for multi PC installs.