

# opTrend Release Notes

This is a brief overview of the major changes between revisions.

## opTrend 1.8.1

RELEASED

14 April 2021.

Upgrade Notes

### Bug Fixes

- Fixed issue in opTrend where a large amount MongoDB connections were created and retained.

## opTrend 1.7.1

Released 21 Jan 2020

This release is a maintenance release.

## opTrend 1.7.0

Released 1 Nov 2019

### Highlights

- Fixes 'Server Unrecoverable Error' being displayed in the GUI following Install of opTrend 1.6.2
- Fixes error '\$modelData is not a hash' that occurs when GUI has no data to load.

### Highlights

- Significant performance improvements on WiredTiger - Trend (Seds) documents are now stored more appropriately for WiredTiger updates
- Older trend documents now timeout and remove them self after a configurable amount of time (optrend\_seds\_expire\_after\_seconds)
- Admin access now required to view/edit licenses
- When multiple proxies are used the first one is now chosen as the current\_url instead of none of them

## opTrend 1.4.0

### Highlights

- Conditions are only raised when value is above control for a configurable number of time periods (optrend\_exceptions\_to\_make\_condition)
- Number of processes, number of users and number of open tcp connections now monitored where modelling supports
- Conditions are now raised on negative values (current value below control for configurable number of time periods)
- Clicking on Graph opens Trend Document in new tab so graph does not have to re-populate
- Trend Document index list now paginated and search fields added

### Fixes

- Date range selector now honoured and shows current settings in more places
- Calculations are now run on percentage values where available (eg MemoryUtil )
- Billboard history fixed
- Only 1 Graph shown on index page to improve performance
- "seds" collection is capped by installer when running wiredTiger
- cron entries automatically created by installer
- a few more models added