



CyFlex® Release Notes

Release Version 7.0.30 and 7.1.13b

Developed by TRP Laboratories

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Overview

This release notes document identifies and describes the updates for CyFlex version 7.0.30 and 7.1.13b. The following link contains Jira issues within this release: [cyflex.7.0.30 and 7.1.13b - Jira Issues](#)

Refer to *Installation Notes* below for install-related considerations.

Installation Notes

To install the 7.0.30 or 7.1.13b cyflex version, follow the instructions below:

1) Install rpm for 7.0.30

Execute: `sudo yum clean all`

Non-Cummins site: `sudo yum install cyflex.7.0.30`

Cummins site: `sudo yum install cummins-cyflex.7.0.30`

OR

1) Install rpm for 7.1.13b

Execute: `sudo yum clean all`

Non-Cummins site: `sudo yum install cyflex.7.1.13b`

Cummins site: `sudo yum install cummins-cyflex.7.1.13b`

To revert to a previous version assuming it was not removed manually, follow the instructions below:

1) Execute: `slay_stuff`

2) Execute: `sudo unlink /cyflex`

3) Execute: `sudo ln -s /cyflex.<version number> /cyflex`

4) Execute: `sudo /sbin/ldconfig`

[CFBUG-3675](#) – tca_header.12, tca.12, ecg.12 - [Summary of Changes](#)

[CFBUG-3702](#) – star2.12 and star7.12 - [Summary of Changes](#)

Issue Type and Jira Issue Legends

Refer to the following legend for **Issue Type**:

Issue Type Key	Definition
NF	New feature
B	Bug
I	Improvement

X = denotes additional information about change within the **Related Jira Issue**.

General Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
floger		I	CFBUG-3687	Update floger to stop event thread for floger if no events attached
em_ave		I	CFBUG-3689	Add error message if specified variable is not of REAL or REAL ARRAY type
mk_data_dirs_tc		I	CFBUG-3691	Modified to create /data/cvs directory
emcon_comm		I	CFBUG-3697	Update emcon_comm to remove signal handlers and added a counter for usage
dlogger specs.def/dlogger_spec.def		I	CFBUG-3698	Modification to read and process @CSAR_LABEL - update dlogger_spec.def file to contain @CSAR_LABEL information

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
eng_specs set_eng_specs12		B	CFBUG-3699	Fixing how eng_specs handles string variables in the data field and various other issues
sys_start		B	CFBUG-3700	Fixed host name not printing out when sys_start can't fetch a file
libasset.so libdaqbuffer.so scheduler added gval_addr daq_status_dump utilities		B	CFBUG-3701	7.1 ONLY - Update the DAQ Buffer implementation and switch to spinlock to access sharedmemory - update scheduler and done_process to use atomics instead of semaphores or spintlocks
libcyflecticker floger nats_streaming		I	CFBUG-3703	Update CyflexTicker to use an interrupter for the longer sleeps/wait
floger dlogger		I	CFBUG-3706	Update floger to allow independent timer rate from evnt adm and added interrupt thread
libindicom_inter.so testIndicom getResultsIndicom startContIndicom getIndicom setIndicom startIndicom		B	CFBUG-3709	Fix issue with timeout not working correctly with avl_link - update several test utils that have not been updated recently
libasset.so vrbl_to_file		B	CFBUG-3710	Modification to handle single quoted expressions properly for logical array variables
spcl_chans		I	CFBUG-3711	Modification to wait for up to 3 seconds for a specified variable to be created before generating an error - eliminate need for sleep in go.scp file
libasset.so scheduler		B	CFBUG-3712	fixed issue done_process() an scheduler attempting to reattach to timers after reconfig
fileget		B	CFBUG-3716	Fixed error message printed when insufficient number of arguments are specified

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
u_ctrl		I	CFBUG-3717	Updated u_ctrl to use proper loop name
fileput		I	CFBUG-3718	Fixed core dump when insufficient arguments are specified
msu_set msu_clear_states		I	CFBUG-3719	Prevent core dump if cyflex is not running
libocc_get_opt.so msu_set		B	CFBUG-3720	Clean up code to eliminate extraneous characters within output file
fetch_host		B	CFBUG-3722	Modification to prevent core dump if specified host not found
		I	CFBUG-3723	Deprecate shutdown
asam3_faults asam3cli		I	CFBUG-3724	asam will now accept new fault format
MsgProtocol		B	CFBUG-3725	Disabled test entry->value[0] == NULL since it breaks some customer .ini files.

QT Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
tcal_util_17025		I	CFBUG-3726	Improvements to the application

Transient Emission Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
tca_header.10c tca.10c ecg.10c	Y	NF	CFBUG-3675	Modification to optionally skip CT, low idle governors and throttle sweep processing
removed star2_7.12 added star2.12 added star7.12	Y	NF	CFBUG-3702	Separate star7 file generation into separate program from star2_7
tca.10c tca.12		B	CFBUG-3707	Modification to prevent core dump if more than 4000 lines of WOT data are within the logr data file

Release Notes for Previous cyflex.6.3 and cyflex.7.0 Versions