



CyFlex® Release Notes

Release Version 7.1.4b

Developed by TRP Laboratories

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Overview

This release notes document identifies and describes the updates for CyFlex version 7.1.4b. The following link contains Jira issues within this release: [cyflex.7.1.4b - Jira Issues](#)

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

Installation Notes

To install Cyflex 7.1.4b follow the instructions below:

Cummins sites:

```
sudo yum install cummins-cyflex.7.1.4b
```

Non-Cummins sites:

```
sudo yum install cyflex.7.1.4b
```

[CFBUG-3445](#) – requires the SER.test_end_date_time column to be added to the database

[CFBUG-3449](#) / [CFBUG-3450](#) / [CFBUG-3452](#) / [CFBUG-3454](#) / [CFBUG-3459](#) / [CFBUG-3471](#) / [CFBUG-3472](#)

Changes to the underlying architecture of handling config events have been implemented in this version. The changes are to increase the reliability of CyFlex on systems with large numbers of programs running simultaneously that undergo a plethora of rapidly triggered config events.

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
change_res		I	CFBUG-3441	Modification to add new lines after output statements for the command prompt to end up on its own line
slay_stuff		B	CFBUG-3446	Modification to speed up time takes for slaying programs
gen_labels		B	CFBUG-3447	Modification to initialize variable so 5000 timer is created correctly when specified in gen_labels
tca		I	CFBUG-3448	Removed usage for tca because tca.10c and tca.12 deprecate the tca usage.
Sever cyflex applications		B	CFBUG-3449	Modification of how reconfigs are handled

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
evnt_adm		B	CFBUG-3450	Replace evnt_adm in 7.0 with evnt_adm from 7.1
scheduler limit compvar		B	CFBUG-3452	Update to fix compvar not updating correctly with new version
gp_test test_limit		B	CFBUG-3454	@LIMIT_SPECS_ALL now works more than just once.
list_events		B	CFBUG-3455	Update to list events created by test and list events attached to tasks
pwm_ctrl		I	CFBUG-3457	Prevent unnecessary error message being output
compvar		I	CFBUG-3458	Modification to allow compvar to handle multiple reconfigurations properly
cf_scales		I	CFBUG-3459	Updated to use new configuration handling method
error_mgr errs		B	CFBUG-3460	Removed apostrophes leading to problem displaying error messages.
eng_ctrl_task		B	CFBUG-3461	Fixed errors being generated after a gen_labels was executed
tcal_util		B	CFBUG-3462	Modification to handle nan value of sensor range values and changes to screen flow when it comes to checking values

Central Server Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
run_aver		B	CFBUG-3463	Modification to set initial value to first value until the FIFO buffer fills
tcal_util ai_transfer		B	CFBUG-3467	Fix to correct offset of calibration tables in some applications
var_transfer		B	CFBUG-3468	Reliability fixes
run_num_mgr.10c		I	CFBUG-3469	Added SLO timer to allow for checking of config changes
save_status		I	CFBUG-3470	Added SLO timer to allow for checking of config changes
limit		B	CFBUG-3471	Modification to prevent running during configuration
flogger		I	CFBUG-3472	Added additional check to handle configuration
compvar		I	CFBUG-3475	Update to allow compvar to occasionally check for timer changes
compvar		B	CFBUG-3476	Reduced timeout value
limit		B	CFBUG-3477	Modification to how reconfig done signal is handled
run_num_mgr several other applications		B	CFBUG-3480	Refer to CFBUG for more information on change

Transient Emission Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
libtri_nface12.so		B	CFBUG-3464	Modification to eliminate error if @DATA_CHANNELS or @STATISTICAL_CHANNELS are the last keywords within the tri_specs.dat file by checking the return value of the process_tri_chans function call

Weighroom Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
libwtrm_dbase.so.7.0.0 libwtrm.so.7.0.0 filt_data_save test_end_update wtrm_sessionRpt wtrm_sampleFilRpt_cnv wtrm_sampleFilRptCsv_cnv filter_detail_rpt /cyflex/cmds/wtrm_sampRpt	Y		CFBUG-3445	- Add SER.test_end_date_time field to table - Modification to code to set test_end_date_time field value to SER.test_date_time + sample time when files are received from the test cell - Create test_end_update program to set the SER.test_end_date_time field value to the calculated value - Changes to session report, filter detail report and sample filter report to reference Filter Sync Time and Test End Time instead of load/unload time - Change to /cyflex/cmds/wtrm_sampRpt script file to add SER.test_end_date_time to query
wtrm_sessionRpt		I	CFBUG-3465	Layout modification if only one sample filter is in session - change to write the correct test cell number and test plan number if only one sample filter
wtrm_qt		B	CFBUG-3473	Modification to make weight values in MultiWeigh tab darker Change where errors will be printed to the status box

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