



CyFlex® Release Notes

Release Version 7.0.27 and 7.1.9b

Developed by TRP Laboratories

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Overview

This release notes document identifies and describes the updates for CyFlex version 7.0.27 and 7.1.9b. The following link contains Jira issues within this release: [cyflex.7.0.27 and 7.1.9b - Jira Issues](#)

Refer to Installation Notes below for install-related considerations.

Installation Notes

If you are running cyflex version 7.0.26 or 7.1.8b, it is recommended to update to the 7.0.27 or 7.1.9b version due to a build problem identified with the darts_datapoint application.

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
alternator_torq		NF	CFBUG-3569	Modifications to allow up to 6 coefficients within the spec file for use within the alternator loss value calculation

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
eng_ctrl_specs		B	CFBUG-3580	Modification to prevent core dump if @DYNO_OUTPUT_CHAN variable does not exist
modbus_strm_tcp modbus_strm_serial		I	CFBUG-3585	modbus_strm will not continue until the driver ID is non 0
libfcsar.so asam3_setup asam3_initvar flogger hogger dlogger svar gvar gval gvals		B	CFBUG-3586	Fix function prototype
show_mem		B	CFBUG-3587	Modification to prevent core dump if cyflex is not running
darts_datapoint		B	CFBUG-3588	Fix buffer overflows that was corrupting the stack
integrity_interface		B	CFBUG-3590	Modification to ensure the /data/integrity directory and ready/hold/complete sub-directories exist
var_transfer		B	CFBUG-3591	Modification to handle only config events associated with instance and to reconfig when finding a slot for variables
libasset.so		B	CFBUG-3592	Removed bogus error from getting generated when trying to link to control memory that no longer exists due to replacement with new control task programs
min_max min_max_specs libact_on_var_list.so		NF	CFBUG-3593	Create new programs
candbc_set CanDbc		I	CFBUG-3595	Fix to no longer core dump

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
eng_specs mua_specs setDARTStestid setPAMtestid darts_datapoint libesvd_nface10c.so libtri_nface12.so libcyflexPAMmua.so floger newtest_qt newtest_cron newtest trv		B	CFBUG-3613	Update code to find the DARTS_mode variable correctly
libconnsrvr.so libget_occ_opt.so libocc.so msu_clear_states msu_set mtrlogcell		B	CFBUG-3614	Increase MAX_STATES define from 50 to 75
state_mon		B	CFBUG-3607	Fixed stack smashing issue with state_mon

QT Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
qtstripchart qtloggerplot qtxyplot qthistoryplot		B	CFBUG-3589	Fixed issue with plotting applications where core dumping when starting up and setting the list of variables

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
libQt5cyflexplugin.so		B	CFBUG-3594	Modification to set the text color of the variable value when the status of a variable has change - if needed

Transient Emission Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
tri_specs		B	CFBUG-3575	Fixed problem to not create ecm related array variables if the number of ecms = 0
tri_specs		B	CFBUG-3596	Modification to save the label and value to the ecm_overrides^ string array variable
tri_logr_spec.12 libtri_nface12.so tri_specs tca_logr.12		NF	CFBUG-3602	Implementation of way to remove cyflex variables the scan list within the generated logr_specs files

Weighroom Applications

Application, Script, or Library	Install Note Above	Issue Type	Bug Fix Name	Description
wtrm_qt		B	CFBUG-3571	Fix core dump from happening if only 1 reading taken and try to change the weight status
wtrm_qt		I	CFBUG-3572	Made the font color of the weight values darker if the weight table is not enabled
wtrm_qt		I	CFBUG-3573	Set the Previous Action text box with Span Scale after a span is completed

[Release Notes for Previous cyflex.6.3 and cyflex.7.0 Versions](#)