



What's New

Controller Interface Service

V2.18.10.0



Workforce Management Solutions

Securing your time and resources

This document is a listing of the changes made to the Controller Interface service. Please take careful notice of the items highlighted in yellow.

IMPORTANT:

Always use versions from the same suite

V2.18.01.2

This version has important optimisation changes that prevent controllers falling behind with large amount of updates. Should controllers fall behind they will catch up to the write point very quickly. It is recommended to upgrade all clients to this release suite as soon as possible. **V7.47.4** of the controller firmware also downloads clockings if a timeout is received on a status or time request to prevent denied events due to the clockings not being sent to the database.

**** NB ****

All versions prior to 2.17.01.0 are no longer supported as of 2018-04-01.

2.18.10.0

56045:208717 2018-10 Release version alignment

2.18.09.2

52408:211181 Alarm Dormant check and alarm SMTP

Command Centre fixes needed in the CI

52408:211181 Random Parade No tagholder Flag

Additional development was done on the Random Parade feature. There is a new parameter under **SYSTEM PARAMETERS / ACCESS** when Random Parade is checked. It is called "Random Parade No Flag". Refer to the XTime what's new document for further information.

2.18.09.1

56045:210284 Fix parameter error on has ActivePin

Access violation caused by a parameter error

2.18.09.0

56045:210975 Ignore token check during Trial period

When a new system is created, the CI was restricting hardware setup due to requiring a token for the controllers in the trial period.

2.18.08.3

56075:209124 Canteen Printer attached terminal parameter

The CI looks for this new parameter to ensure that tickets are printed.

2.18.08.2

55883:208233 Adhoc Vehicle delete tag class check

A check was inserted to delete the Adhoc class vehicle tag on exiting the route.

2.18.08.0

55886:208237 G4SDEVE00000005-Weighbridge dashboard

Additional terminal unit type added in Xtime is now recognised by the CI for reporting and grouping of the Weighbridge config for the Weighbridge dashboard.

2.18.07.5

G4SDEVE0000008 Breathaliser fail lockdown exception

Expansion on the breathaliser fail event. Refer to the XTime what's new for more details.

55883:208233 G4SDEVE0000006-Weighbridge Adhoc Vehicle Expansion

Vehicle tags are removed on completion of the route and visitors are marked as drivers.

56045:208717 BuildTagholderId set mstsq parameter correctly on update

Bug fix

G4SDEV0000009 Allow only one of each type of equipment

More than one of the same type of equipment could be allocated to a tagholder

52408:202608 Input Actions-Log push button in clock history

Command Centre additions

52408:202608 Command Centre Alarm Events

Command Centre additions

2.18.07.3

56045:208717 Fix range check error on Time Request

Range check error

2.18.07.2

56045:208717 Fix on sagem tag code read

Incorrect tag number

2.18.07.1

56045:208717 BuildTagholderId parameter error

Bug Fix

2.18.07.0

Add No lock to load cache queries

This is optimisation done to make the upload of updates and download of clocks more efficient

2.18.04.7

DEVI00100004 APB Expansion

Released APB parameters added to the interface – see XTime what's new for more detail

44743:166230 Limit tag types for dual tags

Limit tag types development in the CI

V2.18.04.301

Add no-locking on cache reload

This is optimisation done to make the upload of updates and download of clocks more efficient

V2.18.04.3

54088:203395 Sedna Third Party Integration - remove debug

3rd Party lamp room parameters added to the logic of the controller interface – Debug was added to troubleshoot errors.

2.18.04.2

54573:204347 Sasol FVPD Biometric Validation

Full vehicle partial driver fingerprint uploads forced on tag and finger system setting

2.18.04.1

54088:203395 Sedna Third Party Integration

3rd Party lamp room parameters added to the logic of the controller interface

V2.18.04.0

53390:200739 Add meal and meal type descriptions for ticket printing

Custom development done for meal ticket printing through the canteen module

V2.18.01.2

49865:186295 PDS equipment assignment (V2.17.10.409)

When PDS units are not allocated to a specific person, they were not being issued once passing testing to a different tagholder. Changes were also made in the firmware in V7.47.4

52777:198352 Trantype update optimisation (V2.17.10.408)

Additional optimisation done to prevent controllers falling behind on mass data updates.

V2.18.01.1

38428:199759 Fingerprint update optimisation (V2.17.10.407)

Additional optimisation on the fingerprint updates.

V2.18.01.0

52357:197097 2018-01 Patch

Version alignment only

V2.17.10.10

38428:197708 Hardware.sky file fall back

The controller tokens are read from a file in the database. A client experienced a backup restore where the file did not exist. This caused all controllers to lose their tokens and the site stopped operating. When a controller does not have a token, the CI ignores it and it is deemed to be offline.

As a fall back the CI now makes a copy of this file on the server and checks periodically for the file in the database. If the file is found not to be in the database the copy is moved to the database and the controllers experience no downtime. The file on the server is also periodically compared to the file in the database to ensure it is the newest one.

V2.17.10.9

50609:189555 Fix on DST_TZ report queries

This fix was due to the Time zone development in V2.17.10.5.

V2.17.10.7

51471:193372 2017-12 Patch Release

Version alignment only

V2.17.10.6

51471:195755 Ignore inactive Pay Categories

V2.17.10.5

47397:175811 Multi Time zone Sites

The XTime Suite now caters for clients that have sites in countries outside of SA that are on different time zones but running on 1 database.

V2.17.10.406

52777:198352 Update optimisation

Removed all debug and added to a compile option named LogUpdateReqTiming for future use.

V2.17.10.405

52777:198352 Update optimisation

Debug added - TControllerInterfaceCacheController LoadCache performance timing & lock once

V2.17.10.404

52777:198352 Update optimisation debug

Debug added - GetMontreDBInterfaceFromCache locking

V2.17.10.403

52777:198352 Update optimisation debug

Debug added – GetMontreDBInterfaceFromCache

V2.17.10.402

52777:198589 Update optimisation

Increase cache capacity to 600000

V2.17.10.401

52777:198589 Update optimisation debug

Debug added on update requests

V2.17.10.4

51088:191785 Client specific patch release

Version update only

V2.17.10.2

50358:188572 Client specific patch release

Version update only

V2.17.10.1

49490:184643 EMPSTANDBY on full upload

If the employee standby date is equal to the current day, the full upload to the controller skips this end date.

47608:176912 HHT Audit enabled for offline download

This is for downloading clocks from the new Workabout handheld terminals when docked on the cradle

V2.17.10.0

49490:184643 2017-10 Major release

47608:176912 Exclude administrator from handheld user build

This relates to the hand held tag scanner for the weighbridge project and does not affect the normal functioning of the Controller Interface

V2.17.07.4

38670:189414 Sagem 3rd party version alignment

Sigma units can be linked to an EC3 controller and normal validations done.

V2.17.07.3

49339:184034 Patch Release

49339:186664 Access Group query optimisation

The query that handles the changing clockpoints within an access group has been optimised for better and faster processing.

V2.17.07.2

47608:176912 Weighbridge Release

V2.17.07.1

49339:184034 CI resetting finger thresholds to 1

When terminal updates were sent to EABR or IPB terminals, the CI was resetting the finger threshold to 1 causing false positives.

V2.17.07.0

47714:177223 Major Release version update

V2.17.04.2

30794:160871 Mifare tag code not sent correctly for HHT

The conversion of the tag code was not done correctly causing Mifare tags not to register on the Handheld Terminal

V2.17.04.1

47717:177223 Engine Cache stopping

It was reported that some engine cache threads were stopping and not recovering if there was a loss in connection to the database. This would cause updates to not go through to the controllers on that engine. We have added recovery code to ensure that the thread regains its connection and continues as normal.

V2.17.04.0

46334:172747 Employee and visitor required equipment

An extended option to add required equipment to employees and visitors has been developed. This is done to ensure that the employee or visitor has the required equipment allocated to him.

46333:172297 Visitor Equipment

Visitors have been included in the equipment module

45607:169673 Morpho Face Recognition

Sagem Morpho facial recognition has been added to the XTime Suite

V2.17.01.2

46655:174382 De-Allocate Equip from employees on SAFETYEQUIP table when returned

When the auto return feature is active, the equipment was being deallocated from the EMPEQUIP table by the firmware but the CI was not doing the same on the SAFETYEQUIP table which displays the equipment from the main menu. The result was that the equipment was deallocated in the database, but the XTime screen still showed the equipment as being allocated.

V2.17.01.1

45951:171374 Try Except to prevent engine thread from closing

The engine thread would get shut down by a process and was unable to recover. We have inserted a try except that will trap the problem and move on which will stop the engine thread from stopping.

V2.17.01.0

Major changes have been made in this release for handling modules and licencing due to the introduction of the XTLite and XTElite systems. **DO NOT** run this version if the Dashboard and XTUpgrade are not also V2.17.01.0

***** END OF DOCUMENT *****