

**What's New**  
**XT900 Batch Service**  
V2.17.10.0



Workforce Management Solutions  
Securing your time and resources

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This document is a listing of the changes made to the XT900 Batch Service. Please take careful notice of the items highlighted in yellow.

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**IMPORTANT:**

**V2.17.07.0**

This version can be run with V2.17.04.1 or higher

**V2.17.04.0**

Always run the same versions together

**V2.17.01.2**

Ensure to run the entire suite on the same version.

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## **V2.17.10.0**

**49490:184643 Major Release**

Version change only

### **2.17.07.4**

**38670:189414 Sagem 3rd party version alignment**

Client specific release

### **2.17.07.3**

**49339:184034 Patch Release**

### **2.17.07.2**

**50098:187399 Multiple OT records System Param with multiple OT periods fix**

When the Multiple OT records system parameter was active, a bug in the procedure caused the batch to calculate the incorrect times on clock to clock.

### **2.17.07.1**

**49339:188746 Batch Abort**

A routine to check the last active employee was running on all services. It caused the batch to abort. The routine has been removed.

## **2.17.07.0**

**47714:177223 Major Release**

Version change only

### **2.17.04.0**

**47025:175329 Fix store reason time on FOLO**

When the "Store clock reason time" System Parameter on the Pay Calculation tab was set, the clocking out times were not being stored correctly

Employees		Beta Version			
Find By	Emp No	Emp No	001410		
<b>001410 MPUNGOSE (PHILILE CYLVIA) PC</b>					
General	Personnel	Access	Groups		
Equipment	Service History	Assets allowed	Allowances		
Clocks	Pay History	Post Dates	Tags		
		Address	Offenses		
			Finger prints		
			PIN		
Pay Date: 23/02/2017 Thursday					
Details: Pay Times   Pay Clocks   Allowance   History calendar					
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	07:30	00:00	23/02/2017 22:50:00	24/02/2017 07:00:00	FREYS FOOD BRANDS
Overtime 1.5	00:00	00:03	24/02/2017 07:00:00	24/02/2017 07:03:00	FREYS FOOD BRANDS
Lunch	00:37	00:00	24/02/2017 03:23:00	24/02/2017 04:00:00	FREYS FOOD BRANDS
Toilet	00:13	00:00	24/02/2017 05:23:00	24/02/2017 05:36:00	FREYS FOOD BRANDS

**47025:175285 Non-clocker gets normal time on PH when option not checked**

If the Public Holiday as NT parameter was not ticked, non-clockers were still getting Normal Time on public holidays. This has been fixed.

Post shift leeway time	<Unselected>
Public Hol. as NT	<input type="checkbox"/>

**2.17.01.2**

**46655:173331 Patch Release**

Version update only

**2.17.01.1**

**46034:173841 Recalc no reply from server**

When the batch IP address and port are set in XTime in the system params, the batch gives a message off "Unable to connect to batch service" even though the details are correct. The batch would connect and perform the requested task. This was a hard coded message that has been removed.

**46034:171529 FOLO with rounding fix**

When rounding and first on to last off were set on a payrule, the rounding was still occurring on the clock pairs which caused short time on pay records.

**46034:178839 Fill with Preauth time fix**

The system was not using the Pre-Auth overtime to fill records as the parameter suggests:

Fill Normal time	<input type="radio"/> Off	<input checked="" type="radio"/> Pay Calc and Export	<input type="radio"/> Pay Export only	<input type="checkbox"/> Pay Calc use Pre-Auth Ovt
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**2.17.01.0**

**45488:172456 Out time accumulations**

Out time was erroneously being calculated outside of a shift when the payrule was sent to first on last off and there was a call out. Out time was calculated from the end of shift to the beginning of the call out.

**BEFORE:**

Pay Date <input type="text" value="24/01/2017"/> Tuesday					
Details   <b>Pay Times</b>   Pay Clocks   Allowance   History calendar					
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	08:00	00:00	24/01/2017 08:00:00	24/01/2017 16:30:00	Blank -CODE-(1)
Overtime Weekday	00:30	00:00	24/01/2017 16:30:00	24/01/2017 17:00:00	Blank -CODE-(1)
Call out weekday	02:00	00:00	24/01/2017 07:45:00	24/01/2017 08:00:00	Blank -CODE-(1)
Call out weekday	02:00	00:00	24/01/2017 20:00:00	24/01/2017 21:00:00	Blank -CODE-(1)
Out Time	03:25	00:00	24/01/2017 16:35:00	24/01/2017 20:00:00	Blank -CODE-(1)

**AFTER:**

DEVTEST01 van der Walt (Cindy-Lee) CL WL=Development														
General		Personnel		Access		Groups		Clocks		<b>Pay History</b>	Post Dates	Hostel	Tags	Finger prints
Equipment		Service History		Assets allowed		Allowances		Address		Additional Info		Offenses		PIN
Pay Date <input type="text" value="24/01/2017"/> Tuesday														
Details   <b>Pay Times</b>   Pay Clocks   Allowance   History calendar														
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code									
Normal time	08:00	00:00	24/01/2017 08:00:00	24/01/2017 16:30:00	Blank -CODE-(1)									
Overtime Weekday	00:30	00:00	24/01/2017 16:30:00	24/01/2017 17:00:00	Blank -CODE-(1)									
Call out weekday	02:00	00:00	24/01/2017 07:45:00	24/01/2017 08:00:00	Blank -CODE-(1)									
Call out weekday	02:00	00:00	24/01/2017 20:00:00	24/01/2017 21:00:00	Blank -CODE-(1)									

**2.16.10.7**

**46240:172700 Error in Callout delay processing**

Merged callout (within callout delay) still processed both callouts, the first callout was added to the first callout time, but the first callout was still processed. Only writes out the merged callout now.

**46110:171747 Callout not setting on clock in payhours**

Due to the fix in V2.16.10.5 of the myTimeCode error, the PH\_ONCLOCK was not being set for the callouts. This caused astronomical hours to be created on the Time at Work and

		<b>Anglo American Coal SA</b> <b>Time at work</b>									
Supervisor : AI Omrawo		Department : ND-173 ND-Omrawo AI				Page : 1		Date : 18/01/2017 15:35:11		Requested by : Trusha Bodalia	
		Details - Period : 06/01/2017 to 06/01/2017				Version : 2.16.10.0					
Employee	Surname	Initials	Work Location	Date	Normal	Overtime	Callout actual	Total at Work	Laid off	Gang	
00158852	Maharaj	P	New Denmark Colliery	06/01	04.06	00.00	1025790.00	1025794.06	00.00	UC#ESERLR	
	Total 00158852				04.06	00.00	1025790.00	1025794.06	00.00		
	ND-Omrawo AI				04.06	00.00	1025790.00	1025794.06	00.00		

**2.16.10.6**

**45826:170611 Some records not processed, sysparams error ubatchgeneral**

The sysparams were not always assigned in ubatchgeneral as required. This may well have caused some of the records to not be processed.

**2.16.10.5**

**45475:169219 Pay run stops on myTimeCode error**

This occurred when trying to set the Time Code in the batch when the first record to be calculated had overtime. It was unable to set the timecode and caused the batch to loop and not continue with the calculations and functions until the service was restarted.

## 2.16.10.4

### 45183: 2016-12 Patch Release

## 2.16.10.3

### 45251:168402 Paid break not credited back to normal time

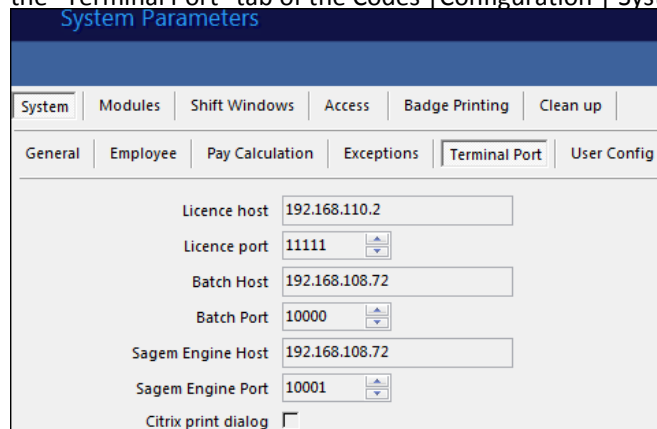
When a shift was configured with a paid break, and the employee clocked out for his break, the batch calculated short time for the employee instead of crediting the break time back to normal time.

## 2.16.10.2

### 44897:166887 Configurable IP for dual IP systems

The service server has 2 IP addresses on 2 different subnets. The secondary IP address is constantly used by the Batch and Sagem Engine. Using the name of the server in the properties file as well as setting the batch address in sysparams did this not rectify the issue. The controller interface started up without any issues and used the primary IP address.

The users (with the correct functions) can now capture and edit the **IP addresses** for the Batch and Sagem Engine on the "Terminal Port" tab of the Codes | Configuration | System Parameters screen from within XTime.



The screenshot shows the 'System Parameters' configuration window with the 'Terminal Port' tab selected. The configuration includes the following fields:

Field	Value
Licence host	192.168.110.2
Licence port	11111
Batch Host	192.168.108.72
Batch Port	10000
Sagem Engine Host	192.168.108.72
Sagem Engine Port	10001
Citrix print dialog	<input type="checkbox"/>

## 2.16.10.1

### 44272:164587 FOLO nightshift fix on multiple on clocks

Pay hours calculations were incorrect when an employee had multiple Time recording ON clocks on a Night Shift. Before the **Max time at work** system parameter there was a check in processing clock pairs. If the clock pair generated more than 12:20 time the payhist record was set to clock exception and the clock pair not fully processed.

The check is now removed. It should have been removed when the **Max time at work** parameter was added.

### 44272:164135 Fix long duration to look at max time at work system param

Before the **Max time at work** system parameter there was a check in processing clock pairs. If the clock pair generated more than 12:20 time the payhist record was set to clock exception and the clock pair not fully processed.

The check is now removed. It should have been removed when the **Max time at work** parameter was added.

### 44321:164554 Process Standby gap when non-standard timecode used on callout

The processing of the callout gap was only done if timecodes 9 and 10 were used. However users can now add their own timecodes. We have removed the restriction so that the gap is processed correctly regardless of the timecode set for callout.

## 2.16.10.0

### 44103:163503 Batch Recovery on network failure

The batch will recover after a network interruption | failure. The batch can now also be started when the server is not available. It will wait for SQL server to be seen (using ado)

The log will show a message as below when the SQL server cannot be reached (yellow lines)

```

DEBUG          : Off.
Exception logging: Enabled.
Multi Threading : Enabled.
Product Name    : XTime 900 >> BETA VERSION <<
File Description : XT900 Batch
Compile Time    : 2016/09/26 22:12
Compiled By     : John.Morrison
Compiled On     : SSLGPJ77R1
SystemUser     : SYSTEM ON SSLGPJ77R1 AT 27/09/2016 14:15:22.783
#####
27/09/2016 14:15:22.783 TID=5068 Application STARTED
27/09/2016 14:15:22.785 TID=5068 Log priority set to tlpdebugDisplay
27/09/2016 14:15:22.796 TID=8096 TServiceThread.Create ENTER ==>
27/09/2016 14:15:22.798 TID=8096 TaskName;Thread Created;
27/09/2016 14:15:22.798 TID=8096 TServiceThread.Create EXIT <==
27/09/2016 14:15:22.799 TID=4124 start batch thread
27/09/2016 14:15:22.799 TID=4124 TServiceThread.Execute ENTER ==>
27/09/2016 14:15:22.799 TID=4124 Testing database access
27/09/2016 14:15:22.861 TID=9044 TICsTCPserver.SetLogAllTrafficForPeriod <VALUE=00:00:00.000>
27/09/2016 14:15:22.920 TID=9044 ==> My Ip Address=192.168.180.1
27/09/2016 14:15:28.222 TID=4124 unable to connect to database \\10.144.27.211\Coal_2008_tst\skycom_qa
  
```

### 43606:161617 Housekeeping of orphan records

Several tables have been added to the clean-up process of employees. These tables that were not in the clean have caused orphan records on the database. We have added foreign keys on all relevant tables to avoid this going forward.

## 2.16.06.4

Version alignment only

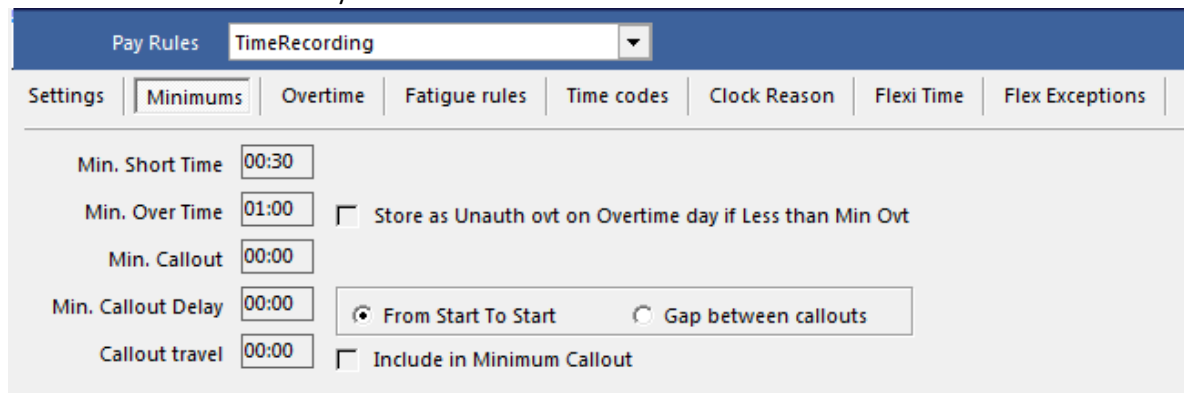
## 2.16.06.0

### 42584:156644 Overtime not recorded when min overtime set

There was an exception when the overtime minimum was set without the Store as Unauth parameter. Any overtime was seen as being below the minimum and would not display. If the minimum was removed the overtime would display. If both the minimum and the Store as Unauth on Overtime day if Less than Min Ovt were set, the overtime would display. However based on the conditions, some of the overtime would be showing as unauthorised, based on the Unauth on Overtime day parameter.

### SCENARIO 1 (Pay rule Minimum Overtime set to 01:00)

Set Minimum overtime on Pay rule to 01:00:



Recalculate the employee's day with overtime greater than 01:00:

Find By **Emp No** Emp No 14105

**14105 Zwane (Mandlenkosi Emmanuel) ME WL=Protea - Berrange Road Warehouse (00345)**

General Personnel Access Groups Clocks **Pay History** Post Dates Hostel Tags  
 Finger prints Equipment Service History Assets allowed Allowances Additional Info Offenses PIN

Pay Date 2016/06/10 Friday

Details **Pay Times** Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	07:00	00:00	2016/06/10 07:00:00	2016/06/10 14:00:00	Logistics - Wdv (00153)
Overtime Weekday	00:00	04:10	2016/06/10 14:00:00	2016/06/10 18:12:00	Logistics - Wdv (00153)

### SCENARIO 2 (Pay rule Minimum Overtime set to 04:11)

Set Minimum overtime on Pay rule to 04:11:

Pay Rules **TimeRecording**

Settings **Minimums** Overtime Fatigue rules Time codes Clock Reason Flexi Tim

Min. Short Time 00:30

Min. Over Time 04:11  Store as Unauth ovt on Overtime day if Less than Min Ovt

Min. Callout 00:00

Min. Callout Delay 00:00  From Start To Start  Gap between callouts

Callout travel 00:00  Include in Minimum Callout

Recalculate the employee's day with overtime less than 04:11:

Find By **Emp No** Emp No 14105

**14105 Zwane (Mandlenkosi Emmanuel) ME WL=Protea - Berrange Road Warehouse (00345)**

General Personnel Access Groups Clocks **Pay History** Post Dates Hostel Tags  
 Finger prints Equipment Service History Assets allowed Allowances Additional Info Offenses PIN

Pay Date 2016/06/10 Friday

Details **Pay Times** Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	07:00	00:00	2016/06/10 07:00:00	2016/06/10 14:00:00	Logistics - Wdv (00153)

### SCENARIO 3 (Smiths Manufacturing Minimum Overtime Parameters)

Comment from the Spec:

**“So to sum it all up, if an employee has been allocated 03:30 pre-auth OT for a specific day and his overtime does not exceed his minimum overtime according to his Pay rule, this overtime must remain un-authorized.”**

Set the Smiths Manufacturing Paraters:

Set Minimum Overtime and select “Store as Unauth ovt on Overtime day if Less than Min Ovt”:

Pay Rules TimeRecording

Settings **Minimums** Overtime Fatigue rules Time codes Clock Reason Flexi Time

Min. Short Time 00:30

**Min. Over Time 01:00**  Store as Unauth ovt on Overtime day if Less than Min Ovt

Min. Callout 00:00

Min. Callout Delay 00:00  From Start To Start  Gap between callouts

Callout travel 00:00  Include in Minimum Callout

Select the “Pre Authorised Ovt”:

Pay Rules TimeRecording

Settings Minimums **Overtime** Fatigue rules

Time codes Clock Reason Flexi Time Flex Exceptions

Overtime eligible

Split overtime

Excess normal time  To overtime  Discard

Weekday Ovt above 00:00 <Unselected>

Shift supervisor 00:00 <Unselected> (Paid as overtime if at work early at

Handover 00:00 <Unselected> Handover Not worked Break Time

Continuous worker

Continuous worker  (Off days at premium ovt)

Norm time paid extra on Sunday <Unselected>

Extra time on normal days <Unselected>

Shift time on public holidays <Unselected>

Over shift time on public holidays <Unselected>

Shift time on sunday <Unselected>

Overtime on sunday shift <Unselected>

Overtime day  Shift start (SS)  Clock in (CIn)  SS check Sunday  CIn ch

Call to clock in day  (if checked will not split between logical days)

**Pre Authorised Ovt**  (if checked will not split between logical days)

Alllocate the employee a 03:00 pre-authorized overtime:

14105 Zwane (Mandlenkosi Emmanuel) ME WL=Protea - Berrange Road Warehouse (00345)							
General	Personnel	Access	Groups	Clocks	Pay History	Post Dates	Hostel
Finger prints	Equipment	Service History	Assets allowed	Allowances	Additional Info	Offenses	
Leaves	Overtime	Standby	Parades	Shift Change	Dept. Transfer	Occupation change	
From	To	Duration	Cost Centre				
2016/06/10	2016/06/10	03:00					

If Overtime worked is greater than Pay rule minimum overtime ,then the overtime that is equal to pre-authorized overtime must be auto authorised and the difference must be unauthorised:



**14105 Zwane (Mandlenkosi Emmanuel) ME WL=Protea - Berrange Road Warehouse (00345)**

General	Personnel	Access	Groups	Clocks	Pay History	Post Dates	Hostel
Finger prints	Equipment	Service History	Assets allowed	Allowances	Additional Info	Offenses	

Pay Date: 2016/06/10 Friday

Details: Pay Times | Pay Clocks | Allowance | History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	07:00	00:00	2016/06/10 07:00:00	2016/06/10 14:00:00	Logistics - Wdv (00153)
Overtime Weekday	03:00	01:10	2016/06/10 14:00:00	2016/06/10 18:12:00	Logistics - Wdv (00153)

#### SCENARIO 4 (Smiths Manufacturing Minimum Overtime Parameters Continue)

If Overtime worked is less than Pay rule minimum overtime, then the overtime must show as authorized:

**14105 Zwane (Mandlenkosi Emmanuel) ME WL=Protea - Berrange Road Warehouse (00345)**

General	Personnel	Access	Groups	Clocks	Pay History	Post Dates	Hostel
Finger prints	Equipment	Service History	Assets allowed	Allowances	Additional Info	Offenses	

Pay Date: 2016/06/10 Friday

Details: Pay Times | Pay Clocks | Allowance | History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	07:00	00:00	2016/06/10 07:00:00	2016/06/10 14:00:00	Logistics - Wdv (00153)
Overtime Weekday	00:00	00:50	2016/06/10 14:00:00	2016/06/10 14:52:00	Logistics - Wdv (00153)

#### 42592:156672 Problem nightshift after holiday

This is client specific development that was not calculating correctly when a nightshift started on a public holiday and ended on a normal day. This fix will not affect any other calculations.

Make sure the "HolidayLogicalDay" parameter is set to "True":

Recalculate the employee with a night shift starting on a Public Holiday:

**06014226 Booi (Ncedile ) N WL=Zibulo Colliery**

General	Personnel	Access	Groups	Clocks	Pay History	Post Dates	Hostel	Tags
Finger prints	Equipment	Service History	Assets allowed	Allowances	Offenses	PIN		

Pay Date: 17/06/2016 Friday

Details: Pay Times | Pay Clocks | Allowance | History calendar

Pay Cat	Contractors	<b>Calculated</b>	
Department	ZI-Austin WS	-Shift and Clocks ( Starts prev day)	
Gang	ZI-LECTRO POWER 08910922	Shift Start	Thu 16/06/2016 22:00:00
Environment	Underground	Shift End	Fri 17/06/2016 08:15:00
Attendance	WORK	Duration	10:15
Leave Code	<Unselected>	First on	Thu 16/06/2016 21:11:00
Pay Rule	Clock To Clock	Last off	Fri 17/06/2016 09:20:00
Occupation	TES Contractor		
Cost	<Unselected>		
Shift	22:00-08:15-T1 47P2312		
Reason	<Unselected>		
Work Location	Zibulo Colliery		
Exception	<input checked="" type="checkbox"/>		

06014226 Boo		(Ncedile ) N		WL=Zibulo Colliery	
General	Personnel	Access	Groups	Clocks	Pay History
Finger prints	Equipment	Service History	Assets allowed	Allowances	Offense:
Pay Date: 17/06/2016 Friday					
Details: Pay Times   Pay Clocks   Allowance   History calendar					
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	10:15	00:00	16/06/2016 22:00:00	17/06/2016 08:15:00	
Weekday overtime	01:05	00:00	17/06/2016 08:15:00	17/06/2016 09:20:00	

## 2.16.04.2

### 42009:154368 Callout minimum not set on separate overtime records option

Multiple overtime records

#### INCORRECT:

Recalc the test employee: MUB001 on 2016-05-20 with Batch V2.16.04.1

This was the original state at the client:

MUB001 Mubva (Shumani) S		WL=Active				
General	Personnel	Access	Groups	Clocks	Pay History	Post Dates
Hostel	Tags	Finger prints	Equipment	Service History	Assets allowed	
Allowances	Additional Info		Offenses	PIN		
Pay Date: 2016-05-20 Friday						
Details: Pay Times   Pay Clocks   Allowance   History calendar						
Code	Auth.	Unauth	On Clock	Off Clock	Reason	
Normal Time	08:30	00:00	2016-05-20 07:00:00	2016-05-20 15:30:00	None	
Call Out 1.5	00:00	01:15	2016-05-20 19:45:00	2016-05-20 21:02:00	None	

This was caused by the additional parameter set under system parameters | Pay Calculations | Multiple overtime records. In the background, a calculation was made incorrectly that caused the total time worked to be greater than the 4 hour minimum, therefore only giving the employee the 01:15 (rounded time) worked.

Fix V2.16.04.2 Build 3

Recalc the test employee: MUB001 on 2016-05-20 with Batch V2.16.04.2:

MUB001 Mubva (Shumani) S		WL=Active				
General	Personnel	Access	Groups	Clocks	Pay History	Post Dates
Hostel	Tags	Finger prints	Equipment	Service History	Assets allowed	
Allowances	Additional Info		Offenses	PIN		
Pay Date: 2016-05-20 Friday						
Details: Pay Times   Pay Clocks   Allowance   History calendar						
Code	Auth.	Unauth	On Clock	Off Clock	Reason	
Normal Time	08:30	00:00	2016-05-20 07:00:00	2016-05-20 15:30:00	None	
Call Out 1.5	00:00	04:00	2016-05-20 19:45:00	2016-05-20 21:02:00	None	

Add callout hours via keyboard clocks to test if the time worked is greater than the minimum:

2016-05-19	07:06:33	In	Plant Time IPB7 Left IN	Time Recording On
2016-05-19	15:16:22	Out	Plant Time IPB7 Right OUT	Time Recording Off
2016-05-19	19:11:00	In	Plant Time IPB7 Left IN	Keyboard On
2016-05-19	23:51:00	Out	Plant Time IPB7 Right OUT	Keyboard Off

**MUB001 Mubva (Shumani) S WL=Active**

General Personnel Access Groups Clocks Pay History Post Dates  
 Hostel Tags Finger prints Equipment Service History Assets allowed  
 Allowances Additional Info Offenses PIN

Pay Date: 2016-05-19 Thursday

Details: Pay Times Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Reason
Normal Time	08:30	00:00	2016-05-19 07:00:00	2016-05-19 15:16:00	None
Call Out 1.5	00:00	04:45	2016-05-19 19:11:00	2016-05-19 23:51:00	None

**Pay Rules**

Pay Rules: TimeRec Dayshift 2W Sat

Settings Minimums Overtime **Fatigue rules** Time codes Clock Reason Flexi Time Flex Exceptions

Enable fatigue:  Disabled  Callouts  Call and Ovt  Windows

Fatigue Time:  Overtime plus travel  Overtime times factor 100 % (100 = 1 to 1, 150 = 1.5 to 1)

Fatigue Timecode: Fatigue time

Fatigue start: 20:00

Planned window end: 00:00 Full shift if works till after this time

Callout window End: 00:00

Callout stayon time: 00:00 Full shift if called out after this time

Rounding period: 00:00 01:00 will round down one hour, 00:00 actual fatigue time

➤ **41710:152922 Fix split callout into PPH**  
 Wrong weekday 04:00 before midnight overtime 00:20 after midnight

**Employees**

Find By: Emp No Emp No: 08420309

**08420309 Hillebrand (Deon) D WL=New Vaal Colliery**

General Personnel Access Groups Clocks Pay History Post Dates Hostel Tags  
 Finger prints Equipment Service History Assets allowed Allowances Offenses PIN

Pay Date: 26/04/2016 Tuesday

Details: Pay Times Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	08:48	00:00	26/04/2016 06:00:00	26/04/2016 14:50:00	
Weekday overtime	00:20	00:00	27/04/2016	27/04/2016 00:20:00	
Short time	00:12	00:00			
Call out weekday overtime	04:00	00:00	26/04/2016 22:06:00	26/04/2016 22:09:00	
Call out weekday overtime	04:00	00:00	26/04/2016 22:10:00	27/04/2016	

New version 01:50 before midnight 02:10 Sunday callout (filled to 04:00)

08420309 Hillebrand		(Deon ) D		WL=New Vaal Colliery				
General	Personnel	Access	Groups	Clocks	Pay History	Post Dates	Hostel	Tags
Finger prints	Equipment	Service History	Assets allowed	Allowances	Offenses	PIN		
Pay Date		26/04/2016		Tuesday				
Details		Pay Times	Pay Clocks	Allowance	History calendar			
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code			
Normal time	08:48	00:00	26/04/2016 06:00:00	26/04/2016 14:50:00				
Short time	00:12	00:00						
Call out weekday overtime	04:00	00:00	26/04/2016 22:06:00	26/04/2016 22:09:00				
Call out weekday overtime	01:50	00:00	26/04/2016 22:10:00	27/04/2016				
Call out Sunday overtime	02:10	00:00	27/04/2016	27/04/2016 00:20:00				

## 2.16.04.1

**Run with V2.16.04.1 of XTime for the additional standby for PPH parameters**

### ➤ 41202:151209 Standby Start and End parameters on a PH (WITH BATCH 2.16.04.1)

A problem arose where a public holiday is seen as a day off, from 00:01 - 23:59 and not start and end of the shift for the standby to be based on. This determines the difference between overtime and a call out. We have had to add additional parameters to accommodate this for a client.

Standby takeover time (Pub Hol/Off day)	<input checked="" type="radio"/> Default <input type="radio"/> Start of Shift <input type="radio"/> End of Shift <input type="radio"/> Fixed time
---	---

#### DEFAULT:

Default standby rules work from end of shift today until start of shift tomorrow. Any clockings in this time are considered callouts and this is how the system currently works.

#### STANDBY ENDING ON A PPH:

Standby takeover time	NORMAL DAY Shift: 06:00 – 16:00	PUBLIC HOLIDAY Shift: 06:00 – 16:00	NORMAL DAY Shift: 06:00 – 16:00
Default	16:00	06:00 16:00	06:00
Start of shift	16:00		06:00
End of shift	16:00	16:00	
Fixed time = 00:00	16:00	23:59	

#### STANDBY STARTING ON A PPH

Standby takeover time	PUBLIC HOLIDAY Shift: 06:00 – 16:00	NORMAL DAY Shift: 06:00 – 16:00
Default	16:00	06:00
Start of shift	06:00	06:00
End of shift	16:00	06:00
Fixed time = 00:00	00:00 23:59	16:00

#### STANDBY ENDING THE DAY BEFORE A PPH

Standby takeover time	NORMAL DAY Shift: 06:00 – 16:00	PUBLIC HOLIDAY Shift: 06:00 – 16:00
Default	16:00	06:00
Start of shift	16:00	06:00
End of shift	16:00	16:00
Fixed time = 00:00	16:00 23:59	

## 2.16.04.0

Version change only

### 2.16.01.10

#### 40180:145983 Wrong logical day cut off next shift start

##### Wrong calcs:

Batch: 2.16.1.0

Please see example below of Employee 070194LG he worked a night shift on the 01/02, It broke up his night between 01/02 and 02/02.

Employee	Shift Date	FirstOn	LastOff	Norm	OverTime	UA OT1,3	OT2,0	UA OT2,0	Allow value	Tot time	Short	Absence Reason	Cycle shift
070194LG	01/02 Mon	18:59:10	23:00:19	4					4	4	8.75		R3.2 - 18:30 - 07:30
070194LG	02/02 Tue	04:47:48	06:58:09					2.25	0.25	2.25		Day off worked	REST

#### Pay calculations now correct

See Below – have attached debug log file

Employee	Shift Date	FirstOn	LastOff	Norm	OverTime	UA OT1,3	OT2,0	UA OT2,0	Allow value	Tot time	Short	Absence Reason	Cycle shift
070194LG	01/02 Mon	18:59	06:58	12					10	12	0.75		R3.2 - 18:30 - 07:30
070194LG	02/02 Tue											Day off	REST

**070194LG Kanumbi (Emmanuel Mukand) EM WL=Ruashi Mining**

General Personnel Access Groups Clocks **Pay History** Post Dates Hostel Tags Finger prints  
 Equipment Service History Assets allowed Allowances Address Additional Info Offenses PIN

Pay Date: 01/02/2016 Monday

Details: Pay Times Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	12:00	00:00	01/02/2016 19:00:00	02/02/2016 07:00:00	CU
Short time	00:45	00:00			

#### 40296:146665 incorrect pay calculations, exception introduced Amcoal UAT

Pay calculations now same as 2.15.4.2

(Tau Lekoa Mine)

**Employees**

Find By: Emp No Emp No: Z5345517

**Z5345517 POTGIETER (proto) (MARTHUS RUDOLF) M R WL=Tau Lekoa**

General Personnel Access Groups Clocks **Pay History** Post Dates Hostel Tags Finger prints  
 Equipment Service History Assets allowed Allowances Address Additional Info Offenses PIN

Pay Date: 15/02/2016 Monday

Details: Pay Times Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
SHORT TIME	08:36	00:00			
CALL OUT SUNDAY   EJ	00:00	08:36	14/02/2016 20:44:00	15/02/2016 05:20:00	142W2435232   142W2435232

## 2.16.01.9

### 40068:145424 Hours multiplied by number of allowances on detailed clock card

If there were 3 allowances, and normal time of 2 hours, each allowance would multiply the hours so the report would show 6 hours instead of 2.

Pay Date: 05-10-2015 Monday					
<a href="#">Details</a>   <a href="#">Pay Times</a>   <a href="#">Pay Clocks</a>   <a href="#">Allowance</a>   <a href="#">History calendar</a>					
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	08:00	00:00			Blank -CODE-(1)
Overtime Weekday	00:43	00:00	05-10-2015		Blank -CODE-(1)
Short time	01:00	00:00			
Call out weekday	00:00	00:00	05-10-2015 20:00:00	05-10-2015 20:00:00	
Call out weekday	02:00	00:00	05-10-2015 02:00:00	05-10-2015 04:00:00	

Pay Date: 05-10-2015 Monday		
<a href="#">Details</a>   <a href="#">Pay Times</a>   <a href="#">Pay Clocks</a>   <a href="#">Allowance</a>   <a href="#">History calendar</a>		
Allowance	Type	Value
Morning	Amount	0.01
Afternoon	Shift count	1.00
Night	Shift count	1.00

Report showing the correct hours and allowances

Supervisor: J van Heerde		<b>G4S Head Office</b> <b>Detail Clock Card</b> Department : DEV001 Development Period : 05-10-2015 to 11-10-2015				Page : 1 Date : 01-04-2016 09:05:56 Requested by : Cindy-Lee.vdWalt Version : 2.16.4.0							
Employee	Surname	Inits	Shift Date	FirstOn	LastOff	Norm	Short	OverTime	Call In	CallWork	Absence Reason	Allow Code	Tot time
I41	van der Walt	CL	05/10 Mon	07:14:52	16:27:12	08:00	01:00	00:43	20:00:00 02:00:00	00:00 02:00		Morning Afternoon Night	08:43
I41	van der Walt	CL	06/10 Tue	07:52:49	18:19:00	08:00		01:57					09:57
I41	van der Walt	CL	07/10 Wed	08:14:02	18:01:50	08:00		01:17					09:17
I41	van der Walt	CL	08/10 Thu	08:10:10	19:35:34	08:00		02:55					10:55
I41	van der Walt	CL	09/10 Fri	08:18:00	18:20:49	08:00		01:32					09:32
I41	van der Walt	CL	10/10 Sat								Day off		
I41	van der Walt	CL	11/10 Sun								Day off		
Total I41						40:00	01:00	08:24		02:00			48:24

### 40229:146307 Split Sunday callout over midnight into Monday

Call out times to be split at midnight between Sunday and Monday. (Custom Rules)

Wrong data Sunday into Monday not split:

Find By: Emp No		Emp No: 08620390			
<b>08620390 Reiners (Juan-Pierre) J WL=GOEDEHOOF</b>					
<a href="#">General</a>   <a href="#">Personnel</a>   <a href="#">Access</a>   <a href="#">Groups</a>   <a href="#">Clocks</a>   <a href="#">Pay History</a>   <a href="#">Post Dates</a>					
<a href="#">Finger prints</a>   <a href="#">Equipment</a>   <a href="#">Service History</a>   <a href="#">Assets allowed</a>   <a href="#">Allowances</a>   <a href="#">Off</a>					
Pay Date: 31/01/2016 Sunday					
<a href="#">Details</a>   <a href="#">Pay Times</a>   <a href="#">Pay Clocks</a>   <a href="#">Allowance</a>   <a href="#">History calendar</a>					
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Call out Sunday overtime	10:42	00:00	31/01/2016 05:23:00	31/01/2016 16:05:00	
Call out Sunday overtime	04:00	00:00	31/01/2016 22:40:00	31/01/2016 23:03:00	
Call out Sunday overtime	04:00	00:00	31/01/2016 23:20:00	31/01/2016 23:25:00	
Call out Sunday overtime	04:33	00:00	31/01/2016 23:47:00	01/02/2016 04:20:00	



Now fixed Correct split Sunday into Monday

**Employees**

Find By Emp No  Emp No 08620390

**08620390 Reiners (Juan-Pierre ) J WL=GOEDEHOOP**

General Personnel Access Groups Clocks Pay History Post Dates Hostel  
 Finger prints Equipment Service History Assets allowed Allowances Offenses

Pay Date 31/01/2016 Sunday

Details Pay Times Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Call out weekday overtime	04:20	00:00	01/02/2016	01/02/2016 04:20:00	
Call out Sunday overtime	04:00	00:00	31/01/2016 22:40:00	31/01/2016 23:03:00	
Call out Sunday overtime	04:00	00:00	31/01/2016 23:20:00	31/01/2016 23:25:00	
Call out Sunday overtime	00:13	00:00	31/01/2016 23:47:00	01/02/2016	
Call out Sunday overtime	10:42	00:00	31/01/2016 05:23:00	31/01/2016 16:05:00	

Saturday into Sunday split:

**08320181 Skosana (Geelbooi ) G WL=GOEDEHOOP**

General Personnel Access Groups Clocks Pay History Post Dates Hostel Tags  
 Finger prints Equipment Service History Assets allowed Allowances Offenses PIN

Pay Date 30/01/2016 Saturday

Details Pay Times Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Call out weekday overtime	18:24	00:00	30/01/2016 05:36:00	31/01/2016	
Call out Sunday overtime	02:13	00:00	31/01/2016	31/01/2016 02:13:00	

Callout before midnight 00:34 balance of 4 hours minimum after night 03:26

**08320181 Skosana (Geelbooi ) G WL=GOEDEHOOP**

General Personnel Access Groups Clocks Pay History Post Dates Hostel Tags  
 Finger prints Equipment Service History Assets allowed Allowances Offenses PIN

Pay Date 30/01/2016 Saturday

Details Pay Times Pay Clocks Allowance History calendar

Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Call out weekday overtime	00:34	00:00	30/01/2016 23:26:00	31/01/2016	
Call out Sunday overtime	03:26	00:00	31/01/2016	31/01/2016 01:13:00	

**39533:143080 Added new pay rule to only fill normal from authorised time**

There is a new pay rule that will be in effect when Fill Normal Time is set to Pay Calc and Export. This is not visible when the other options are set and only applies to Pay calcs. The export already only exports authorised time.

**Pay Rules**

Pay Rules Clock To Clock

Settings Minimums Overtime Fatigue rules Time codes Clock Reason Flexi Time Flex Exceptions

Name Clock To Clock

Rounding Type Penalise (time) Rounding Period 00:00

Overtime allowance <Unselected>

Off day productions <Unselected>

Clocker  First to last clock  
 Off  In shift time only  All day

Fill Normal time  
 Off  Pay Calc and Export  Pay Export only  Pay Calc use Pre-Auth Ovt

The authorised time for the pay calc gets set when overtime request with hours is pre-captured

00167207 Heydenrych		(Johannes Daniel ) JD		WL=NEWVAAL	
General	Personnel	Access	Groups	Clocks	Pay History
Finger prints	Equipment	Service History	Assets allowed	Allowances	Offenses
Leaves	Overtime	Standby	Parades	Shift Change	Dept. Transfer
Occupation change	Substitution				
From	To	Duration	Cost Centre		
29/01/2016	29/01/2016	00:30			

When there is no normal time filling the hours are calculated as below:

Fill Normal time  
 Off   
 Pay Calc and Export   
 Pay Export only

00167207 Heydenrych		(Johannes Daniel ) JD		WL=NEWVAAL	
General	Personnel	Access	Groups	Clocks	Pay History
Finger prints	Equipment	Service History	Assets allowed	Allowances	Off
Pay Date	29/01/2016			Friday	
Details	Pay Times	Pay Clocks	Allowance	History calendar	
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	05:37	00:00	29/01/2016 09:23:00	29/01/2016 15:00:00	
Weekday overtime	01:10	00:00	29/01/2016 15:00:00	29/01/2016 16:10:00	
Short time	03:23	00:00			

When Normal Time filling set as current (new param not set )

Fill Normal time  
 Off   
 Pay Calc and Export   
 Pay Export only   
 Pay Calc use Pre-Auth Ovt

All the available unauth overtime needed is absorbed ( 01:10 Short time reduced by 01:10 from the example above - NO CHANGE TO EXISTING RULES)

Pay Date	29/01/2016			Friday	
Details	Pay Times	Pay Clocks	Allowance	History calendar	
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	06:47	00:00	29/01/2016 09:23:00	29/01/2016 15:00:00	
Short time	02:13	00:00			

WHEN THE NEW PAY RULE PARAMETER IS SET

Fill Normal time  
 Off   
 Pay Calc and Export   
 Pay Export only   
 Pay Calc use Pre-Auth Ovt

The normal time is filled by the 00:30 (the time on the postdate overtime request)



Results in overtime and short time reduced by the same 00:30

Pay Date		29/01/2016		Friday	
Details	Pay Times	Pay Clocks	Allowance	History calendar	
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code
Normal time	06:07	00:00	29/01/2016 09:23:00	29/01/2016 15:00:00	
Weekday overtime	00:40	00:00	29/01/2016 15:00:00	29/01/2016 16:10:00	
Short time	02:53	00:00			

## 2.16.01.1

### 39714:143710 too many callout hours

Fixed to cater for clock point delay on first on to last off all day

General	Personnel	Access	Groups	Clocks	Pay History	Post Dates	Hostel	Tags
Finger prints	Equipment	Service History	Assets allowed	Allowances	Address	Offenses	PIN	
Pay Date		17/01/2016		Sunday				
Details	Pay Times	Pay Clocks	Allowance	History calendar				
Code	Auth.	Unauth	On Clock	Off Clock	Cost Code			
Call out Sunday	00:00	02:00	16/01/2016 22:03:00	16/01/2016 22:33:00	20463000   Auto Electrical Mining Work			
Call out Sunday	00:00	04:11	17/01/2016 00:04:00	17/01/2016 03:45:00	20463000   Auto Electrical Mining Work			
Call out Sunday	00:00	02:00	17/01/2016 06:17:00	17/01/2016 06:40:00	20463000   Auto Electrical Mining Work			
Call out Sunday	00:00	02:00	17/01/2016 08:18:00	17/01/2016 08:45:00	20463000   Auto Electrical Mining Work			
Call out Sunday	00:00	05:09	17/01/2016 13:18:00	17/01/2016 17:57:00	20463000   Auto Electrical Mining Work			

## 2.16.01.0

### 38093: Data Archive Development from V505

The batch does the archiving of the clock history and the audit that is not deleted but moved to the archive database.

### 39513:142993 Shift cycles wrong where NS after off day-2011

When a nightshift that starts yesterday follows a day off, the shifts would overlap and the scheduled shifts would get mixed up.