



# Feature Matrix

## XTLite vs XT200

V2.17.01.2



Workforce Management Solutions

Securing your time and resources

## Contents

REVIEW SEQUENCE .....	2
FEATURE MAPPING .....	2
XTIME LITE ADDITIONAL FEATURES .....	7

## REVIEW SEQUENCE

DATE	VERSION	AUTHOR	DETAILS
2017-02	2.17.01.2	CL van der Walt	Initial version

## FEATURE MAPPING

Below is a feature mapping between the 2 systems. Where there are gaps on the XTime 200 side, these are additional features that are available in XTime Lite.

XTIME LITE	XTIME 200
<b>Employees</b>	<b>Employee Detail</b>
➤ General	➤ General
➤ Personnel	➤ Personnel
➤ Access	
• Access Points	➤ Access
• Time Recording Points	➤ Time Rdr
➤ Groups	
➤ Clocks	➤ Clocks
➤ Pay History	➤ Pay Hist
• Details	• Details
• Pay Times	• Times
• Pay Clocks	
• Allowance	
• History Calendar	
➤ Post Dates	
• Leave	➤ Leave
• Overtime	
• Shift Change	➤ Shift Change
• Dept. Transfer	
• Occupation Change	
➤ Tags	
➤ Fingerprints	➤ Fingerprints
• Sagem	• Sagem
• Secugen	
➤ Service History	
➤ Assets Allowed	
➤ Allowances	
➤ Offenses	
<b>Contractors</b>	

<b>Visitors (Add-on module)</b>	
<b>Restricted Persons</b>	
<b>Emergency</b>	
<b>Lockdown</b>	
<b>Common Reports</b>	
➤ General Reports	
• Access Group Access	
• Audit	➤ Audit
• Clock Point Access	➤ Reader Access
• Device Status History	
• Expiry Report	
• Finger Report	
• Offenses Report	
• Shift for Date	
• Terminal Events	
• Time Recording Access	➤ Reader Access
➤ Lists	
• Asset List	
• Department List	
• Discharge List	
• Employer List	
• Engaged List	
• Finger List	
• Function Tag	
• Restricted Persons List	
• Shift Code List	
• Shift Cycle List	➤ Cycle List
• Suspended List	
• Terminals	
• User Gang List	
➤ Movement Reports	
• Denied Access	
• Evacuation Report	
• Movement	
• Override Clocks	
• Random Parades	
• Zone Clear	
<b>Employee Reports</b>	<b>Reports</b>
➤ General Reports	
• Discharge List	
• Employee	➤ Employee List
• Employee Cycle	➤ Employee Cycle
• Engaged List	
• Expiry Report	
• Leave Roster	➤ Leave Report
• Offenses Report	
• Overtime Roster	

• Photo List	
• Suspended persons	
➤ Movement Reports	
• Clock Durations	➤ Daily Durations
• Clock History	➤ Clock History
• Denied Access	
• Early Leavers	➤ Late In Early Out
• Late Starters	➤ Late In Early Out
• Movement	➤ Movement Report
• No Clock History	
• Random Parades	
• Time At Work	
➤ Payroll Reports	
• At Work	➤ At Work Today
• At Work Detail	
• Attendance Register	➤ Attendance Register
• Authorised Overtime	➤ Authorised Overtime & Pay Cat Overtime
• Awop Report	➤ Absent today
• Consecutive Awop	
• Daily Hours	
• Detail Clock Card	➤ Time Card
• LongShort Shift	➤ Short Shifts
• Pay Report	
• Shift Absentee	➤ Absentees
<b>Contractor Reports</b>	
➤ General Reports	
• Contractors	
• Discharge List	
• Employer List	
• Engaged List	
• Expiry Report	
• Offenses Report	
• Photo List	
• Suspended persons	
➤ Movement Reports	
• Clock Durations	
• Clock History	
• Denied Access	
• Movement	
• No Clock History	
• Random Parades	
➤ Payroll Reports	
• At Work	
• Attendance Register	
• Authorised Overtime	
• Awop Report	
• Detail Clock Card	

• Hours Worked	
• Pay Report	
<b>Visitor Reports (Add-on module)</b>	
➤ Visitor Movement	
➤ Visitor Clock Duration	
➤ Stats by Category	
➤ Stats by clockpoint	
➤ Visitor Host	
➤ Visitor Stats	
<b>Batch</b>	
➤ Clear Random Parades	
➤ Close Pay	
➤ Department overtime	
➤ Department Shift Change	
➤ Dept. Transfer	➤ Department
➤ Free Movement	
➤ Leave	
➤ Overtime	
➤ Shift Change	➤ Shift Change
<b>Exceptions</b>	
➤ Exception Reprint	
➤ Exception Print	➤ Exceptions
➤ Exception List	
➤ Cancel Pages	
➤ Exception Capture	➤ Time Capture
➤ Pay Recalculate	➤ Pay Recalculation
<b>Exports</b>	
➤ Pay Export	➤ Pay Export
➤ Photos	➤ Export Photos
<b>Users</b>	
➤ Maintenance	➤ User Maintenance
➤ Change Password	➤ Password Change
➤ Preferences	
<b>Tags</b>	
➤ Print Badges	
➤ Function Badges	
<b>Codes</b>	
➤ Employee	
• Allowance	
• Departments	➤ Departments
• Disciplinary Action	
• Discharge Reason	
• Gangs	
• Groups	
• Leave	➤ Leave
• Occupation	➤ Position
• Offenses	
• Suspend Reasons	

• Work Location	
➤ Access	
• Emergency Area	
• Employer Cat.	
• Employers	
• Evacuation Areas	
• Event Types	
❖ Clock Event types	
• Groups	
• Lockdown Area	
• Reason Codes	
• Terminal Exception Message	
• Times	
• Visitor Category	
➤ Time	
• Attendance	➤ Attendance
• Cost Centers	
• Pay Categories	➤ Pay Categories
• Pay Rules	
• Shift Cycle	➤ Shift Cycle
• Shifts	➤ Shift Code
• Time Code Reason	
• Time Codes	➤ Time Code
• TR Groups	
➤ Configuration	
• Asset Type	
• Card Design	
• Clock Points	
❖ Clock Points	
❖ CP Emergency	
• Company	
• Controller Engine	
• Controller Server	
• Controller Status	
• Controllers	
❖ Controllers	
❖ Controller Tokens	
• Engines	
• Events and Actions	
❖ Sirens	
• Holidays	➤ Public Holiday
• Pictures	
• Sites	
• System Parameters	➤ Parameters
• Terminals	
• Titles	
• Translate	
• Zones	

## XTIME LITE ADDITIONAL FEATURES

XTime Lite boasts a number of additional features compared to the now obsolete XTime 200. Below are some of the main additional features.

### Company, Server, Engine and Controller structure

1 company, 1 x server and 32 Engines that can have 255 controllers are allowed in XTime Lite. The controllers can be a mixture of IPB7, EABR, EC3, EC2 units. Sagem MA100, MA500, OMA520 and Sigma and Sigma Lite units can also run simultaneously through the Sagem Engine Service.

### Controller Interface

Where XTime200 had to be run on a 3<sup>rd</sup> Party system or only Sagem readers, XTLite with the controller interface is capable of running totally independently without any other required system base.

### Biometric Technologies

This system is geared to work with Sagem or Secugen biometrics, or a combination of both. Capturing fingerprints only need be done once as our system can create a template for Secugen, Sigma and Sagem by capturing either Secugen or Sagem. Please note that a Sagem licence is required for this feature. This is either imbedded in an MSO300 enrolment unit or a separate dongle that plugs into the PC.

### Shift Validation

Shift validation is included in the XTLite system where access can be restricted to people that are not due to work. This can be overridden with a function badge to allow access where the need may arise.

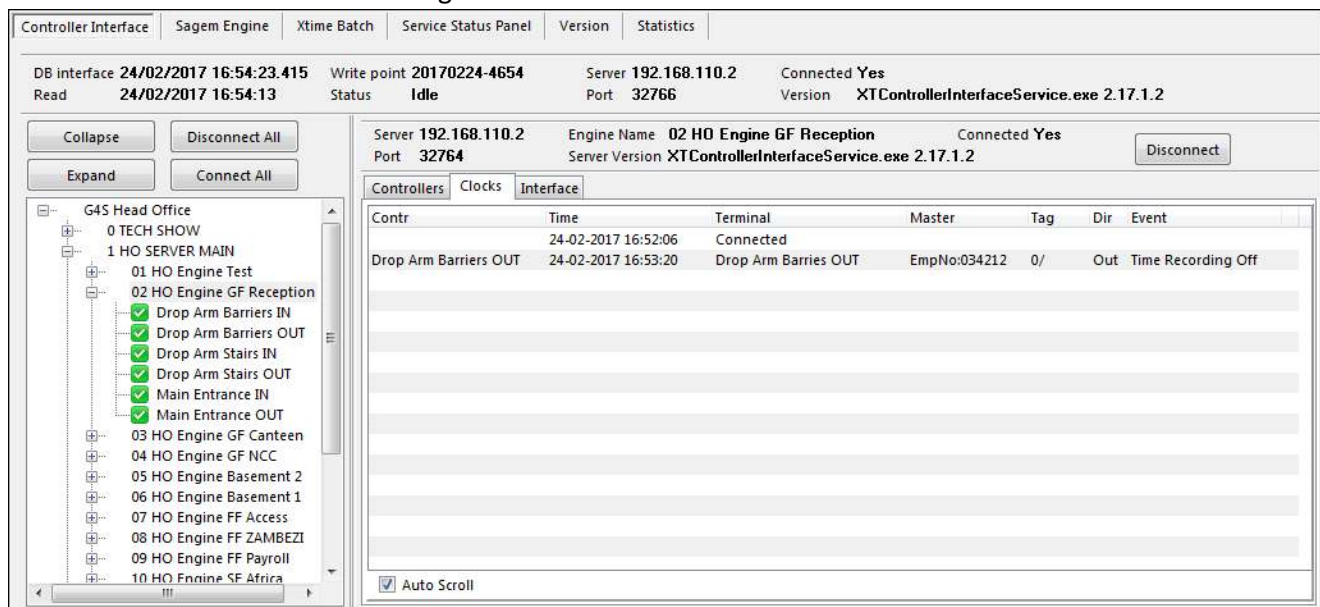
### Clocking Methods

The following combinations can be used:

- Tag only
- Tag and Finger
- PIN and Finger
- Tag and Password
- Finger Only

### The Service Dashboard

The dashboard offers the user a detailed view of the controllers and terminals running on the entire site. At a glance a user can check if readers are on or offline, they can view the clockings for a specific controller or for all controllers linked to an engine. The controllers can be reset or reloaded from the dashboard.



The screenshot displays the XTime Lite Service Dashboard interface. At the top, there are tabs for 'Controller Interface', 'Sagem Engine', 'Xtime Batch', 'Service Status Panel', 'Version', and 'Statistics'. Below the tabs, a status bar shows 'DB interface 24/02/2017 16:54:23.415', 'Write point 20170224-4654', 'Server 192.168.110.2', 'Connected Yes', 'Read 24/02/2017 16:54:13', 'Status Idle', 'Port 32766', and 'Version XTControllerInterfaceService.exe 2.17.1.2'. The main area is divided into two sections. On the left, a tree view shows the hierarchy of engines, including 'G4S Head Office', '0 TECH SHOW', '1 HO SERVER MAIN', and various engine types like '01 HO Engine Test', '02 HO Engine GF Reception', etc. On the right, a table displays controller events. The table has columns for 'Contr', 'Time', 'Terminal', 'Master', 'Tag', 'Dir', and 'Event'. The first row shows 'Drop Arm Barriers OUT' at '24-02-2017 16:53:20' with 'Terminal Drop Arm Barries OUT', 'Master EmpNo:034212', and 'Event Time Recording Off'. There are also buttons for 'Collapse', 'Expand', 'Disconnect All', and 'Connect All'.

Contr	Time	Terminal	Master	Tag	Dir	Event
	24-02-2017 16:52:06	Connected				
Drop Arm Barriers OUT	24-02-2017 16:53:20	Drop Arm Barries OUT	EmpNo:034212	0/	Out	Time Recording Off

The Sagem engine and batch service transactions are also viewable through the same application on separate tabs. There is also a service status panel where you can see if your services are running correctly or not.

Controller Interface		Sagem Engine	Xtime Batch	Service Status Panel	Version	Statistics																																																												
Main		Monitor All		Version Information																																																														
<ul style="list-style-type: none"> <li>[Down] _Derrick Sagem Test 192.168.20.100</li> <li>[Down] _Roadshow JSeries 192.168.104.6</li> <li>[Down] _Roadshow MA500 192.168.104.7</li> <li>[Up] _TS_MASigma 192.168.104.177 [500 v11.0]</li> <li>[Down] _TS_SigmaLite 192.168.104.210</li> </ul>		<table border="1"> <thead> <tr> <th>Timestamp</th> <th>Reader</th> <th>Action</th> <th>Emp.</th> <th>Information</th> </tr> </thead> <tbody> <tr> <td>24/02/2017 17:03:43.0</td> <td>_TS_MASigma</td> <td>FullUploadRdrSage</td> <td></td> <td>Delete Database</td> </tr> <tr> <td>24/02/2017 17:03:43.5</td> <td>_TS_MASigma</td> <td>FullUploadRdrSage</td> <td></td> <td>Create Database</td> </tr> <tr> <td>24/02/2017 17:03:47.1</td> <td>_TS_MASigma</td> <td>FullUploadRdrSage</td> <td></td> <td>Capacity 3000</td> </tr> <tr> <td>24/02/2017 17:03:47.1</td> <td>_TS_MASigma</td> <td>FullUploadRdrSage</td> <td></td> <td>Uploading 5</td> </tr> <tr> <td>24/02/2017 17:03:47.8</td> <td>_TS_MASigma</td> <td>Bulk Upload</td> <td>SQ:12</td> <td>9254444 van Heerde Ok</td> </tr> <tr> <td>24/02/2017 17:03:47.8</td> <td>_TS_MASigma</td> <td>Bulk Upload</td> <td>SQ:16</td> <td>8392914 van der Walt Ok</td> </tr> <tr> <td>24/02/2017 17:03:47.8</td> <td>_TS_MASigma</td> <td>Bulk Upload</td> <td>SQ:550</td> <td>11412256 van der Merwe Ok</td> </tr> <tr> <td>24/02/2017 17:03:47.8</td> <td>_TS_MASigma</td> <td>Bulk Upload</td> <td>SQ:552</td> <td>2607775 Mafatle Ok</td> </tr> <tr> <td>24/02/2017 17:03:47.8</td> <td>_TS_MASigma</td> <td>Bulk Upload</td> <td>SQ:144626</td> <td>244626 Potgieter Ok</td> </tr> <tr> <td>24/02/2017 17:03:47.8</td> <td>_TS_MASigma</td> <td>FullUploadRdrSage</td> <td></td> <td>Capacity 3000</td> </tr> <tr> <td>24/02/2017 17:03:47.8</td> <td>_TS_MASigma</td> <td>FullUploadRdrSage</td> <td></td> <td>Uploaded 5</td> </tr> </tbody> </table>					Timestamp	Reader	Action	Emp.	Information	24/02/2017 17:03:43.0	_TS_MASigma	FullUploadRdrSage		Delete Database	24/02/2017 17:03:43.5	_TS_MASigma	FullUploadRdrSage		Create Database	24/02/2017 17:03:47.1	_TS_MASigma	FullUploadRdrSage		Capacity 3000	24/02/2017 17:03:47.1	_TS_MASigma	FullUploadRdrSage		Uploading 5	24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:12	9254444 van Heerde Ok	24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:16	8392914 van der Walt Ok	24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:550	11412256 van der Merwe Ok	24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:552	2607775 Mafatle Ok	24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:144626	244626 Potgieter Ok	24/02/2017 17:03:47.8	_TS_MASigma	FullUploadRdrSage		Capacity 3000	24/02/2017 17:03:47.8	_TS_MASigma	FullUploadRdrSage		Uploaded 5
Timestamp	Reader	Action	Emp.	Information																																																														
24/02/2017 17:03:43.0	_TS_MASigma	FullUploadRdrSage		Delete Database																																																														
24/02/2017 17:03:43.5	_TS_MASigma	FullUploadRdrSage		Create Database																																																														
24/02/2017 17:03:47.1	_TS_MASigma	FullUploadRdrSage		Capacity 3000																																																														
24/02/2017 17:03:47.1	_TS_MASigma	FullUploadRdrSage		Uploading 5																																																														
24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:12	9254444 van Heerde Ok																																																														
24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:16	8392914 van der Walt Ok																																																														
24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:550	11412256 van der Merwe Ok																																																														
24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:552	2607775 Mafatle Ok																																																														
24/02/2017 17:03:47.8	_TS_MASigma	Bulk Upload	SQ:144626	244626 Potgieter Ok																																																														
24/02/2017 17:03:47.8	_TS_MASigma	FullUploadRdrSage		Capacity 3000																																																														
24/02/2017 17:03:47.8	_TS_MASigma	FullUploadRdrSage		Uploaded 5																																																														

A system stats tab shows interesting stats on your system like number of fingerprints, tags, employees, contractors, visitors etc.

Controller Interface		Sagem Engine	Xtime Batch	Service Status Panel	Version	Statistics	
Personnel		System					
Description	Total	Active	Expired	Discharged	Suspended	Description	Total
[-] Contractors	167	141	12	14		Access Groups	46
Ipulse	41	40	1			Certificates	16
Sagem	0	0				Employers	10
Tags	36	35	1			Time Recording Groups	6
[+] Employees	1268	1130	10	128		Users	30
Ipulse	1029	1023	3	3			
Sagem	19	16		3			
Tags	275	288	5	2			
[+] Fingerprints	6284	1079	5199	6			
Tags	312	303	7	2			
[+] Vehicles	3	1	2				
[+] Visitors	5445	0	5445				
Hardware							
Description	Total	Active	Up	Down	Unknown		
Companies	1						
Controller Engines	18		16	2			
Controller Servers	3		1	2			
Controllers	73		47	26			
Terminals	99	97	52		47		
Licence Key 31279-87773-23992-82426-54045-45406							
Expiry Date 2017-09-30							

### Contractors

A distinction can be made between employees and contractors on the system. Contractors have their own set of reports and pay categories and pay rules can be configured especially for contractors.

### Visitors

This is an additional module that can be purchased for XTime Lite.

### Random Parade

Used at main gates to randomly search people entering or leaving the site within a configured factor.

### Leave Validation

Leave can be set to validate on certain areas and employees on leave can be restricted from entering the configured areas.



## Configurable Reports

The configuration of the reports is enhanced in this system with the ability to add or remove the available fields of the report. A user can also create his own layout should he want other fields and will not force all other users to use that same layout. There is also a much wider variety of reports compared to the XTime200 system.

## Auto Allocate Employee Numbers

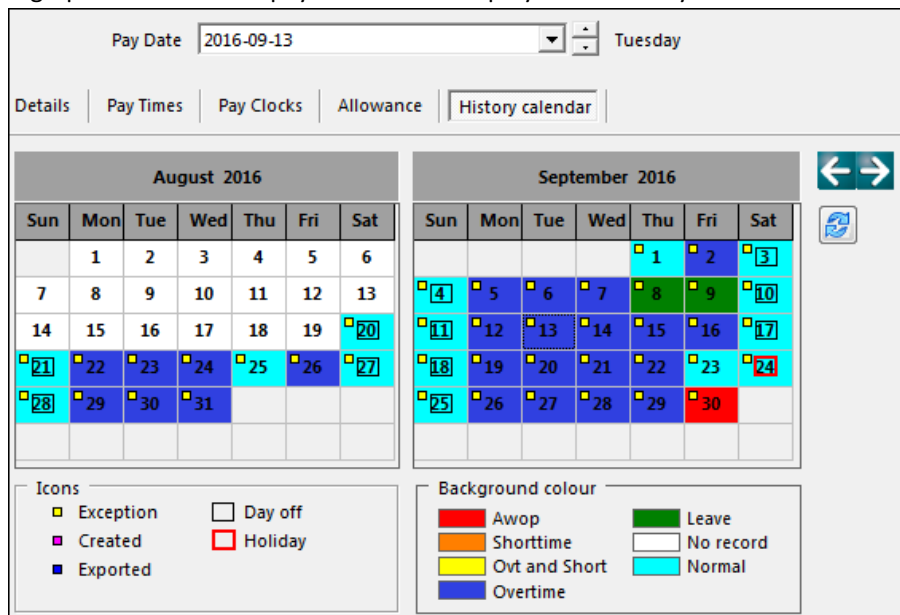
Employee numbers can be imported from a list or can be auto generated by the system according to the parameters entered.

## Pay Rules

Comprehensive pay rules allow for flexibility.

## Employee history calendar

A graphical view of the pay state of the employee in monthly form



## Inherited Access and Time Recording

Employee and contractors can inherit time recording and access groups from Department, Gang and Work Location levels. This means less configuration and settings when adding new employees or contractors.

## Pay Export Formats

There are several pre-configured layouts of payrolls to choose from as well as customizable VIP batches.

## Emergency and Lockdown

Emergency and Lockdown procedures can be initialized through XTime Lite. An emergency event will open all doors with maglocks, booms and turnstiles. Lockdown will lock all doors, booms and turnstiles so that employees cannot enter or exit.

## Assets

Assets can be configured and assigned to employees and/or contractors. There is no validation done on these assets. It is for record purposes only.

## Offenses

Offenses can be added to an employee from the pre-configured list in XTime Lite. There is no validation linked to this and is for record purposes only.

---

### **Restricted persons**

A list can be built up of people that the company might not want to re-employ at a later date. If a person on the restricted list is engaged on the system, an alert will pop-up to advise the user that they are on the restricted list.

### **Suspension**

Employees or contractors can be suspended instead of discharging them. Suspended persons access is blocked until the suspension is removed.

### **User configuration**

The system administrator can set the length and strength of a password. A logged in timeout can also be set so that if a user has been inactive on the system after the configured minutes, the system will automatically log out. Windows authentication can be used to log on. A user can also be locked out after entering the incorrect password a configured number of times.

### **Reports**

XTLite has a comprehensive and flexible reporting module with editable and customizable per user layouts. The majority of the reports can be exported directly into excel.

### **Quarterly Releases**

XTime Lite is continuously tested and improved on and a quarterly release schedule ensures that you always have the most efficient software.

---

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