



timeware®

HR, Time and Attendance Software

ON PREMISE
SOFTWARE

BioStar 2 Integration datasheet:

BioStar 2

Suprema is a leading global provider of access control, time & attendance and biometrics solutions.

By combining world renowned biometric algorithms with superior engineering, Suprema has introduced innovations to the security industry over the last decades.

BioStar 2 from Suprema Inc. is a web-based, open, and integrated security platform that provides comprehensive functionality for access control and video log maintenance. Users can control the BioStar 2 platform remotely with a mobile app.

timeware®/Biostar 2 Integration overview

timeware® have created an integration between BioStar 2 and timeware® Small Business and timeware® Professional. This means that the timeware® software can seamlessly integrate with any of the Suprema device range.

With the BioStar 2 integration in place, timeware® customers can choose attendance and access points from the ever-growing range of Suprema devices which include world-class proximity, fingerprint, and face recognition options. Not only does BioStar provide the encryption of all personal data used for authentication of fingerprint and face templates, it also provides many enhanced features that complement the timeware® software.

This integration enables personnel/users created in timeware® to be passed into the BioStar 2 system. Eg: An administrator can setup a new starter in timeware®, allocate them to the correct BioStar 2 access group and this will transfer across into the BioStar 2 software. Any bookings from an specified attendance point will then transfer across into timeware® as attendance bookings.

Please note that the BioStar 2 security platform is installed when upgrading from legacy hardware to Suprema devices.

BioStar 2



[BioStar 2 integration?](#)



Solved! with timeware® time and attendance software.

Layer 1

Time and attendance software

timeware®
Software

Layer 2

Security platform with enhanced features

SUPREMA
BioStar 2



Layer 3

Attendance and access points

SUPREMA
Devices



Certificate No:
491342025



Company Name: timeware (UK) Ltd.

Registered Office: 3 Fieldhouse Road, Rochdale,
Greater Manchester, OL12 0AD.

Company Reg. No: 05886806.

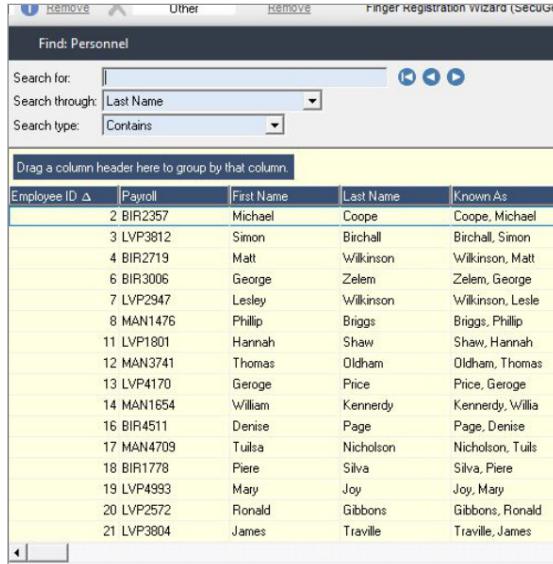
Registered in: England.

t2-0655. Copyright NMD³ Ltd

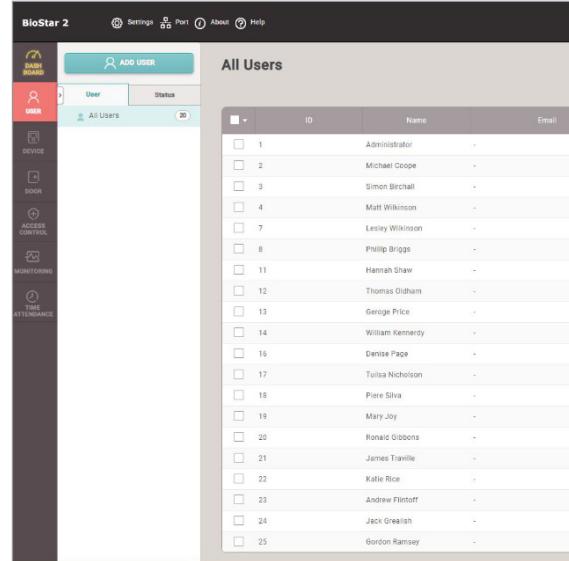
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timeware®/BioStar 2 integration functions

timeware® Personnel

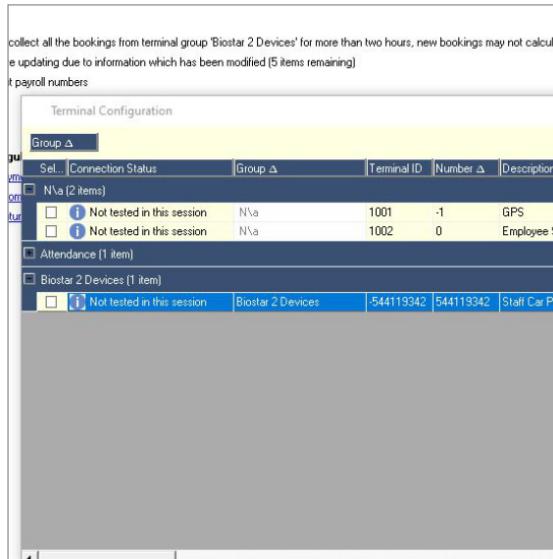


BioStar 2 Users

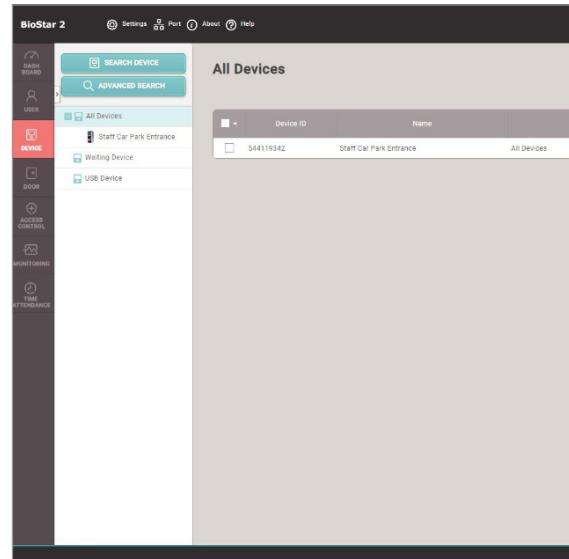
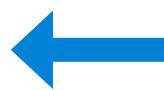



The integration enables control of the transfer from timeware® Personnel and BioStar 2 Users.

timeware® Terminals



BioStar 2 Devices

The integration enables control of the transfer from BioStar 2 Devices to timeware® Terminals.

timeware®/BioStar 2 integration functions

timeware® Access Groups

Integration ID:	<input type="text"/>		
Known as:	<input type="text"/> Coope, Michael		
Work email address:	<input type="text"/> Michael.Coope@timeware.co.uk 		
Security pin:	<input type="text"/>		
Biometric data:	 <input type="text"/> Finger (Suprema)   <input type="text"/> Face (Suprema)   <input type="text"/> Finger (SecuGen)   <input type="text"/> Other 		
Date started with company:	<input type="text"/> 24/01/2007	<input type="button" value="▼"/>	15 years, 2 month(s), 0 day(s) <input type="checkbox"/> Remove Years
Badge activation:	<input type="text"/> Fri 09 Jul 2021	<input type="button" value="▼"/>	09:48 to <input type="button" value="▼"/> 
Employment status:	<input type="text"/> Employee 		
Absence entitlement policy:	<input type="text"/> Production Employee  		
Period schedule:	<input type="text"/> Flexitime   		
Access group:	<input type="text"/> LT (Sever Room only)  		
Terminal policy:	<input type="text"/> Site Manager (All Areas)  		
Email policy:	<input type="text"/> Holiday's Finalised  		
Remuneration policy:	<input type="text"/> Grade5  		
Cost centre (default):	<input type="text"/>		
Flexitime closing balance set on:	<input type="text"/> / /	<input type="button" value="▼"/>	Amount: <input type="text"/>

BioStar 2 Access Groups

Access Group			
	Name	Description	
<input type="checkbox"/>	I.T (Server Room only)	Matt	
<input type="checkbox"/>	Site Manager (All Areas)	Matt	

The integration enables control of the transfer from Biostar 2 access groups to timeware® access groups.

timeware® Bookings

BioStar 2 Events

Administrator Log

50 row

Device	User Group	User	Event
Staff Car Park Entrance	All Users	2(Michael Coope)	1:N authentication succeeded (Fingerprint)
Staff Car Park Entrance	All Users	2(Michael Coope)	1:N authentication succeeded (Fingerprint)
Staff Car Park Entrance	All Users	2(Michael Coope)	1:N authentication succeeded (Fingerprint)
Staff Car Park Entrance	All Users	1/Administrator	1:N authentication succeeded (Fingerprint)

The integration enables control of the transfer from Biostar 2 events to timeware® bookings.

Technical

Executed by the NMD3 Biostar Service

Integration frequency configurable via command line switches.

Employees

Newly added personnel records are created in timeware® and are sent across to the Biostar 2 system along with their relative fields below.

Biostar Field	timeware® Field
Name	First name + Last name
Access Group	Access Group (employee.employee_biostar_access_group_id)

Devices + Access Groups:

Any new devices created in Biostar 2 get brought into timeware® as new terminals. Based on the requirements, you will either set it as an access control device, an attendance device, or a fire alarm monitor. All devices are initially suspended, and you unsuspend the devices we are required to pull data from. The device sync only occurs on service start up, so when new devices are added, a restart of the service is required. Access Groups created in Biostar 2 also get pulled through into timeware®. The user would then assign these against the personnel records. The Access Group sync only occurs on service start up, so when new Access Groups are added, a restart of the service is required.

Biostar Field	timeware® Field
Devices	Terminals (new tterminal record)
Access Group	Access Group (new employee.biostar_access_group record)

Bookings/Events:

Events from the Biostar 2 database get brought into timeware® to be shown as access control or attendance data. This is decided by the device type of the corresponding tterminal record.

Biostar Field	timeware® Field
Events	twork records (could be access or attendance data based off corresponding tterminal record)

Annual licence

The BioStar 2 integration is enabled by an annual licence.

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