



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

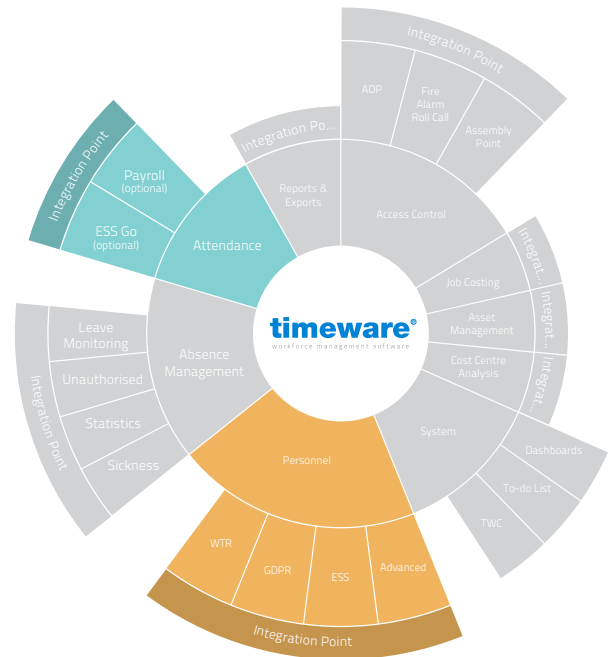
timeware® have created an integration between BioStar 2 and timeware® Small Business and timeware® Professional. This means that the timeware® software can seamlessly integrate with any of the Suprema device range.

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



Layer 1

Time and attendance software



Layer 2

Security platform with enhanced features



Layer 3

Attendance and access points



timeware® / BioStar 2 integration functions

timeware® Personnel

Find: Personnel

Search for:

Search through: Last Name

Search type: Contains

Drag a column header here to group by that column.

Employee ID	Payroll	First Name	Last Name	Known As
2	BIR2357	Michael	Coope	Coope, Michael
3	LVP3812	Simon	Birchall	Birchall, Simon
4	BIR2719	Matt	Wilkinson	Wilkinson, Matt
6	BIR3006	George	Zelem	Zelem, George
7	LVP2947	Lesley	Wilkinson	Wilkinson, Lesle
8	MAN1476	Phillip	Briggs	Briggs, Phillip
11	LVP1801	Hannah	Shaw	Shaw, Hannah
12	MAN3741	Thomas	Oldham	Oldham, Thomas
13	LVP4170	Geroge	Price	Price, Geroge
14	MAN1654	William	Kennerdy	Kennerdy, Willia
16	BIR4511	Denise	Page	Page, Denise
17	MAN4709	Tulisa	Nicholson	Nicholson, Tuls
18	BIR1778	Piere	Silva	Silva, Piere
19	LVP4993	Mary	Joy	Joy, Mary
20	LVP2572	Ronald	Gibbons	Gibbons, Ronald
21	LVP3804	James	Traville	Traville, James



BioStar 2 Users

BioStar 2

ADD USER

All Users

ID	Name	Email
1	Administrator	-
2	Michael Coope	-
3	Simon Birchall	-
4	Matt Wilkinson	-
7	Lesley Wilkinson	-
8	Phillip Briggs	-
11	Hannah Shaw	-
12	Thomas Oldham	-
13	Geroge Price	-
14	William Kennerdy	-
16	Denise Page	-
17	Tulisa Nicholson	-
18	Piere Silva	-
19	Mary Joy	-
20	Ronald Gibbons	-
21	James Traville	-
22	Katie Rice	-
23	Andrew Flintoff	-
24	Jack Grearish	-
25	Gordon Ramsey	-

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

timeware® Terminals

collect all the bookings from terminal group 'BioStar 2 Devices' for more than two hours, new bookings may not calculate updating due to information which has been modified [5 items remaining]

payroll numbers

Terminal Configuration

Group:

Group	Connection Status	Terminal ID	Number	Description
N/a (2 items)				
<input type="checkbox"/> Not tested in this session	N/a	1001	-1	GPS
<input type="checkbox"/> Not tested in this session	N/a	1002	0	Employee S
Attendance (1 item)				
BioStar 2 Devices (1 item)				
<input type="checkbox"/> Not tested in this session	BioStar 2 Devices	-544119342	544119342	Staff Car Pa



BioStar 2 Devices

BioStar 2

SEARCH DEVICE

ADVANCED SEARCH

All Devices

Device ID	Name	All Devices
<input type="checkbox"/>	Staff Car Park Entrance	All Devices
<input type="checkbox"/>	544119342	Staff Car Park Entrance

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

timeware® / BioStar 2 integration functions

timeware® Access Groups

Integration ID: []

Known as: [Coope, Michael]

Work email address: [Michael.Coope@timeware.co.uk]

Security pin: []

Biometric data:

- Finger (Suprema) Face (Suprema)
- Finger (SecuGen) Other

Date started with company: [24/01/2007] 15 years, 2 month(s), 0 day(s) Remove Years

Badge activation: [Fri 09 Jul 2021] [09:48] to []

Employment status: [Employee]

Absence entitlement policy: [Production Employee]

Period schedule: [Flexitime]

Access group: [I.T (Sever Room only)]

Terminal policy: [I.T (Sever Room only)]

Email policy: [Holiday's Finalised]

Remuneration policy: [Grade5]

Cost centre (default): []

Flexitime closing balance set on: [/ /] Amount: []



BioStar 2 Access Groups

BioStar 2 Settings Part About Help

ADD ACCESS GROUP

ADD ACCESS LEVEL

Access Group

Access Group	Access Level	Status
I.T (Sever Room only)		
Site Manager (All Areas)		

Name	Description
I.T (Sever Room only)	Matt
Site Manager (All Areas)	Matt

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

timeware® Bookings

Account: Michael List view: Coope

Time sheet: []

Attendance Adjustment Bookings: []

Employee has weekly credit his schedule. Remove from schedule's credit.

Table Bookings

Date selected: Thu 24 Mar 2022	Activity	Start	End	Location	Employee	Approved	Booked	Declined
11:42	Staff Car Park Exit	11:42	11:47	Staff Car Park Exit	Michael Coope			
11:47	Staff Car Park Exit	11:47	11:52	Staff Car Park Exit	Michael Coope			

Authentication Here: []

Authentication state: Pending Decision Approved Declined



BioStar 2 Events

Administrators []

50 rows

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