



HR, Time and Attendance Software

Optima Integration datasheet



Almas Industries

Almas Industries is a European leader in innovative security solutions, a leader in high security alarm monitoring. Manufacturers of biometric solutions for access control and time & attendance since 2004.

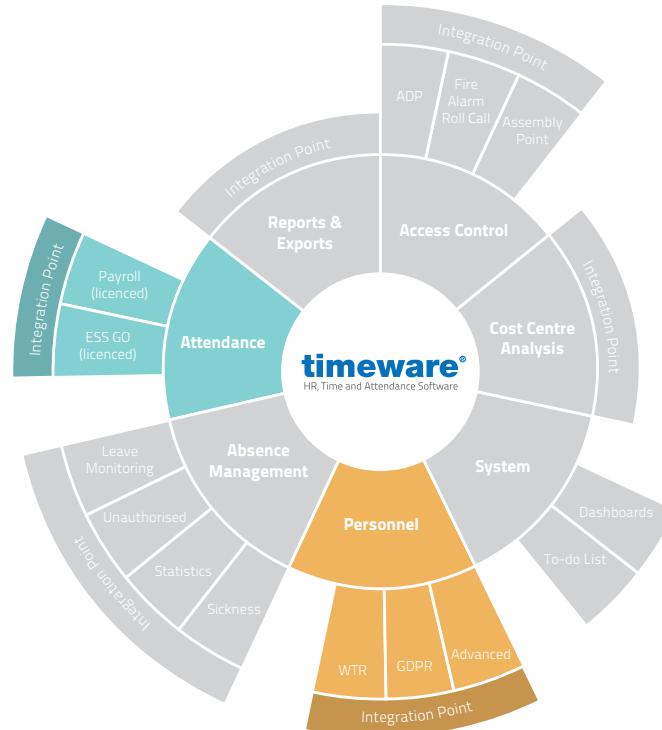
The Almas Industries Group has developed knowledge and expertise in the electronic security sector over 10 years of operating within the industry, growing to over 300 employees and 25,000 customers in 9 countries.

timeware®/Optima integration functions

timeware® have created an API integration between Optima from Almas Industries and timeware® Small Business and timeware® Professional. This means that Optima customers requiring a feature rich employee attendance solution can benefit from a software only integration that requires no additional attendance devices.

This integration eliminates 'duplicate entry' enabling personnel/badges created in one system to be passed directly to the other.

Eg: An administrator can specify which readers are classed as attendance points and bookings made at these points can be read by timeware® from the database and processed by timeware® as attendance bookings.



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timeware®/Optima integration functions

timeware® Personnel

Optima Badges

The API integration enables full control of the transfer direction between timeware® Personnel and Optima Badges.

timeware® Terminal Policy

Optima Access Groups

The API integration enables full control of the transfer direction between timeware® Terminal policies and Optima Access Groups.

timeware® Terminals

Terminal Configuration

Connection Status	Group	Terminal ID	Number	Description
Not tested in this session	N/A	1001	-1	GPS
Not tested in this session	N/A	1002	0	Employee Self Service
Suspended	Access Control	1005	103	Server Room
Suspended	Access Control	1006	104	Support Office 1
Suspended	Access Control	1007	105	Support Office 2
Suspended	Attendance	1003	101	Front Entrance
Suspended	Attendance	1004	102	Rear Entrance

Optima Readers

Optima Readers

Type	Reader	Reader ID	Location
Entrance	Exit	1	Entrance
Add reader			
Add reader			

The API integration enables control of the transfer from Optima Readers to timeware® Terminals

timeware® Bookings

Employee ID: 384 First name: Darren Last name: Andrews

October 2021

Wk/Day	Date	Schedule	Taken absence(s)	Booking(s)
# 1 Mon	25/10/2021	06:00-14:00[00]	—	22-22-22-22[10]
# 1 Tue	26/10/2021	06:00-14:00[00]	—	22-22-22-22[10]
# 1 Wed	27/10/2021	06:00-14:00[00]	—	06:00-14:08[12]

Optima Events

ACCESS CONTROL EVENTS

DATE	NATURE OF THE EVENT	CENTRAL UNIT	READER	BOARD MEMBER	LAST NAME	FIRST NAME
3/7/2023 07:18:46	Badge accepted	Facial Network	Entrance	460	Brett	Tender Ale
3/7/2023 07:18:23	Badge accepted	Facial Network	Entrance	461	Bilgeen	Edward
3/7/2023 07:02:25	Badge accepted	Facial Network	Entrance	166	Friedrich	Peter
3/7/2023 06:59:59	Badge accepted	Facial Network	Entrance	160	Tobias	Agyn
3/7/2023 06:54:47	Badge accepted	Facial Network	Entrance	174	Greene	Joseph
3/7/2023 06:54:37	Badge accepted	Facial Network	Entrance	31	Udeshi	Be
3/7/2023 06:53:50	Badge accepted	Facial Network	Entrance	28	Widmera	Mihaly
3/7/2023 06:53:54	Badge accepted	Facial Network	Entrance	469	Tobias	Makko
3/7/2023 06:53:25	Badge accepted	Facial Network	Entrance	167	Friedrich	Sebastian
3/7/2023 06:51:14	Badge accepted	Facial Network	Entrance	466	Brett	Ulys
3/7/2023 06:50:39	Badge accepted	Facial Network	Entrance	467	Mihaly	Vladimir
3/7/2023 06:52:50	Badge accepted	Facial Network	Entrance	466	Valakoski	Anton
3/7/2023 06:49:59	Badge accepted	Facial Network	Entrance	453	Mihaly	Zsigmon
3/7/2023 06:49:58	Badge accepted	Facial Network	Entrance	452	Andreyevna	Mari
3/7/2023 06:49:50	Badge accepted	Facial Network	Entrance	454	Chwacki	Krystof
3/7/2023 06:49:45	Badge accepted	Facial Network	Entrance	455	Kulikov	Pavel
3/7/2023 06:47:39	Badge accepted	Facial Network	Entrance	465	Elbruskin	Per

The API integration enables control of the transfer from Optima Events to timeware® Bookings.

Technical

Executed by the NMD3 Event Handler service.

Integration frequency determined during configuration.

Employees

Newly added personnel records are created in either timeware® or Optima and are sent across to the secondary system. We require a "primary" system, it can't be a two-way sync. We also sync the corresponding fields linked to the personnel record below.

Optima Field	timeware® Field
Name	First name + Last name
Access Group	Terminal policy (temployee.terminal_policy_id)

Readers + Access Groups:

Any new readers or access groups created in Optima get automatically sent across to timeware®. Readers get created as terminals in timeware® - based on the requirements, you will either set it as an access control device or an attendance device. All devices are initially suspended, and you unsuspend the devices we are required to pull data from. Access groups get created as terminal policies and are assigned against the personnel records.

Optima Field	timeware® Field
Devices	Terminals (new tterminal record)
Cardholder Policy	Terminal Policy (new tterminal_policy record)

Bookings/Events:

Events from the Optima 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.

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

Annual licence

The Optima integration is enabled by an annual licence.