



timeware®

HR, Time and Attendance Software

Optima Integration datasheet



ALMAS
INDUSTRIES

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.

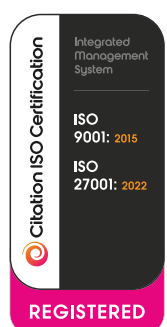
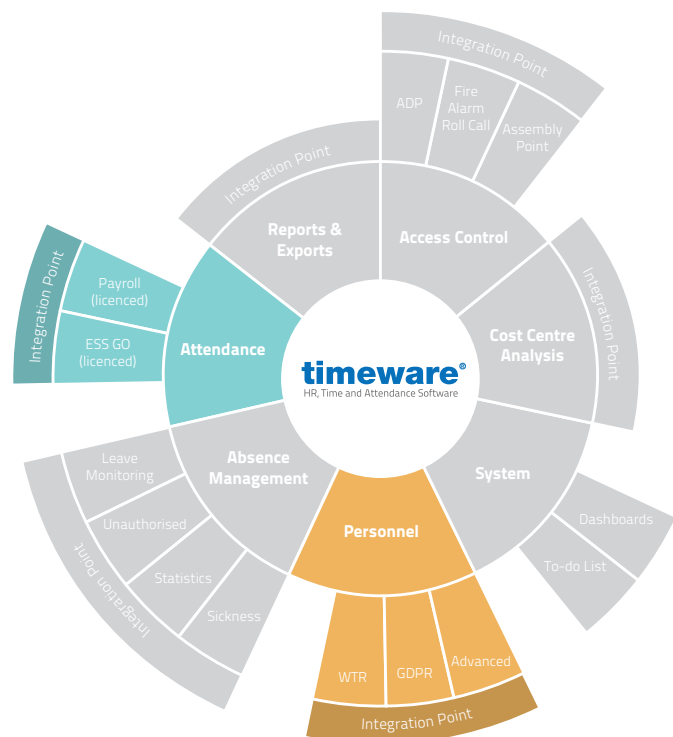
The Almas Industries Group has developed knowledge and expertise in the electronic security sector over 10 years of operating within the industry, growing to over 300 employees and 25,000 customers in 9 countries.

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

Find: Personnel

Search for: 1
Search through: Employee ID
Search type: Equal to

Drag a column header here to group by that column.

Employee ID	Payroll	First Name	Last Name	Known As	Employment Status
276	MAN3719	Dagnara	Maciejewska	Maciejewska, Dag	Employee
284	MAN2877	Daisy	Mellor	Mellor, Daisy	Employee
674	MAN1533	Daisy	Rahman	Rahman, Daisy	Employee
624	MAN2553	Daniel	Jakubowski	Jakubowski, Dani	Employee
513	BIR1498	Daniel	Dobson	Dobson, Daniel	Employee
191	LVP3037	Daniel	Donnelly	Donnelly, Daniel	Employee
152	MAN2347	Danielle	Hope	Hope, Danielle	Employee
522	MAN2003	Dariusz	Baranowski	Baranowski, Daria	Employee
676	MAN2432	Darren	Roberts	Roberts, Darren	Employee
498	BIR2350	Darren	Holmes	Holmes, Darren	Employee
384	BIR3603	Darren	Wright	Wright, Darren	Employee
11	LVP4067	Dave	Webb	Webb, Dave	Employee
201	LVP1680	Dave	Allen	Allen, Dave	Employee
133	BIR4311	Dave	Moore	Moore, Dave	Employee
714	BIR2742	Declan	Coates	Coates, Declan	Employee
198	MAN2524	Declan	Townsend	Townsend, Declan	Employee
490	MAN3373	Declan	Whittaker	Whittaker, Decla	Employee
245	MAN3443	Declan	Hicks	Hicks, Declan	Employee
16	BIR4511	Denise	Page	Page, Denise	Employee
685	BIR3086	Dominic	Khan	Khan, Dominic	Employee
363	MAN1006	Dominic	Holmes	Holmes, Dominic	Employee
718	BIR4568	Dominic	Oliver	Oliver, Dominic	Employee

Optima Badges

OPERATION MENU

TIMEWARE

Access management

Badges (470)

BADGE NUMBER	ATTACHMENT TYPE	OWNER	BADGE STATUS	CREATED DATE
1	Automatic	FAIRIE Alice	In service	16/1/2024 16:29
2	Automatic	PETIT William	In service	16/1/2024 16:29
3	Automatic	FAIRIE Pauline	In service	16/1/2024 16:29
4	Automatic	MERLENE Quentin	In service	16/1/2024 16:29
5	Automatic	MARCIANO Eric	In service	16/1/2024 16:29
6	Automatic	ARNAUD Nuhaila	In service	16/1/2024 16:29
7	Automatic	FRANCOIS Camille	In service	16/1/2024 16:29
8	Automatic	LEDOY Eva	In service	16/1/2024 16:29
9	Automatic	GARNIER Ched	In service	16/1/2024 16:29
10	Automatic	ROUX Maxime	In service	16/1/2024 16:29
11	Automatic	GARCIA Xavier	In service	11/1/2024 16:27
12	Automatic	ROSEN David	In service	11/1/2024 16:29
13	Automatic	SMITH Emma	In service	11/1/2024 12:47
14	Automatic	MOLIN Rob	In service	11/1/2024 12:19
15	Automatic	PERIN David	In service	11/1/2024 13:33

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

timeware® Terminal Policy

Find: Terminal Policy

Search for: terminal_policy_id
Search type: Contains

Drag a column header here to group by that column.

Description
All cardholders
All hours, all doors
Cleaners
No access
Security
Shopfloor Only
Test
Turnstiles Only
Working hours

Optima Access Groups

CONFIGURATION MENU

TIMEWARE

Access rights

ACCESS GROUPS

NAME	EDIT ACCESS GROUP
Deny Access	Deny Access
Full Access	Full Access

Select the readers for this group

Display the selected readers

Readers: HEADERS, CENTRAL, TIME SLOTS, OUTPUTS GROUP, ACTIVATION TIME

Apply the next range to the current selection

Permanent access

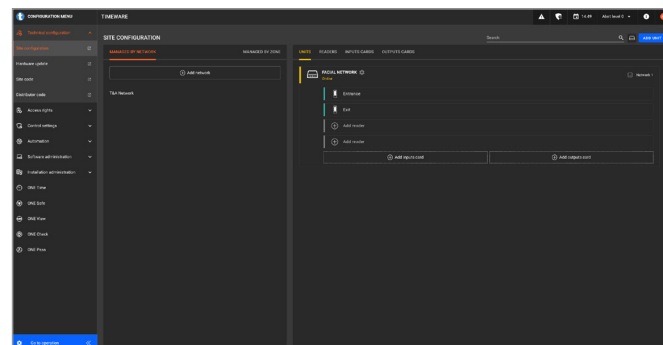
The API integration enables full control of the transfer direction between timeware® Terminal policies and Optima Access Groups.

timeware® Terminals

Terminal Configuration

Connection Status	Group	Terminal ID	Number	Description
N/A	N/A	1001	-1	GPS
N/A	N/A	1002	0	Employee Self Service
Access Control (3 items)				
Suspended	Access Control	1005	103	Server Room
Suspended	Access Control	1006	104	Support Office 1
Suspended	Access Control	1007	105	Support Office 2
Attendance (2 items)				
Suspended	Attendance	1003	101	Front Entrance
Suspended	Attendance	1004	102	Rear Entrance

Optima Readers



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

timeware® Bookings

Attendance Adjustments

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

Date selected: Wed 27 Oct 2021
Period schedule: 22:00:00:00
Play period selected: Mon 25 Oct 2021 to Sun 31 Oct 2021

Wk/Day	Date	Schedule	Taken absence(s)	Booking(s)
1 Mon	25/10/2021	06:00-14:00:00	---	??-??-??-??(0)
1 Tue	26/10/2021	06:00-14:00:00	---	??-??-??-??(0)
1 Wed	27/10/2021	06:00-14:00:00	---	06:00:14:08(2)

Booking(s) awaiting calculation

Day	Date	Time	Type	Authorisation

Optima Events

OPERATION MENU

TIMEWARE

ACCESS CONTROL EVENTS

DATE	NATURE OF THE EVENT	CONTROL UNIT	READER	BAIDC NUMBER	LAST NAME	FIRST NAME	VIEW
9/7/2019 07:18:44	Badge accepted	Facial Network	Entrance	460	Brown	Touche Ely	
9/7/2019 07:17:23	Badge accepted	Facial Network	Entrance	461	Briggs	Edward	
9/7/2019 07:02:25	Badge accepted	Facial Network	Entrance	148	Brinkley	Peter	
9/7/2019 06:59:00	Badge accepted	Facial Network	Entrance	140	Brinkley	John	
9/7/2019 06:57:47	Badge accepted	Facial Network	Entrance	174	Brinkley	Joseph	
9/7/2019 06:56:57	Badge accepted	Facial Network	Entrance	21	Brinkley	Ben	
9/7/2019 06:56:53	Badge accepted	Facial Network	Entrance	28	Brinkley	Michael	
9/7/2019 06:55:54	Badge accepted	Facial Network	Entrance	468	Brinkley	Markus	
9/7/2019 06:55:25	Badge accepted	Facial Network	Entrance	147	Brinkley	Sebastian	
9/7/2019 06:55:14	Badge accepted	Facial Network	Entrance	466	Brinkley	Ben	
9/7/2019 06:55:09	Badge accepted	Facial Network	Entrance	467	Brinkley	Victor	
9/7/2019 06:55:06	Badge accepted	Facial Network	Entrance	466	Brinkley	Adrian	
9/7/2019 06:49:55	Badge accepted	Facial Network	Entrance	465	Brinkley	Thomas	
9/7/2019 06:49:56	Badge accepted	Facial Network	Entrance	465	Brinkley	Markus	
9/7/2019 06:49:50	Badge accepted	Facial Network	Entrance	464	Brinkley	Christopher	
9/7/2019 06:49:45	Badge accepted	Facial Network	Entrance	465	Brinkley	Patrick	
9/7/2019 06:47:39	Badge accepted	Facial Network	Entrance	465	Brinkley	Paul	

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	twork records (could be access or attendance data based off corresponding tterminal record)

Annual licence

The Optima integration is enabled by an annual licence.