

# HiKCentral Integration datasheet



## HiKCentral

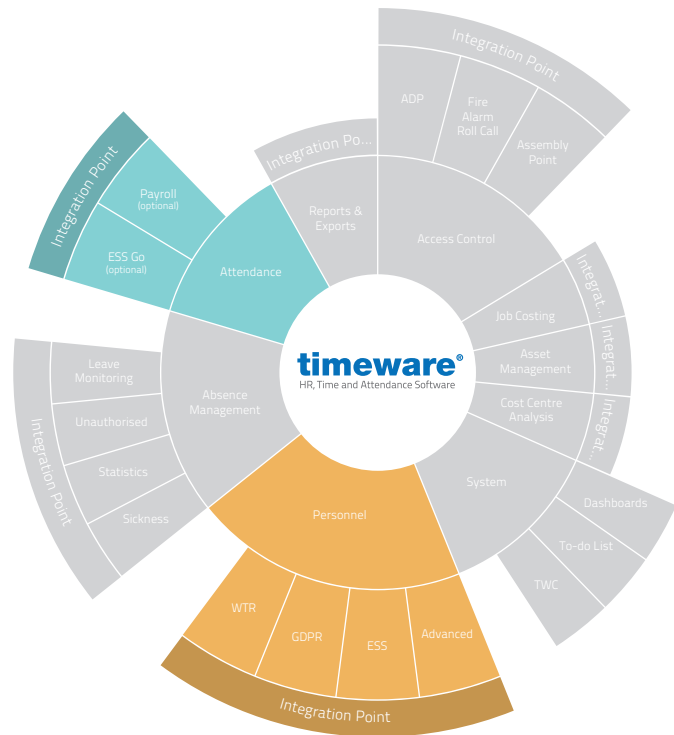
Hikvision is a world leading IoT solution provider with video as its core competency. Featuring an extensive and highly skilled R&D workforce, Hikvision manufactures a full suite of comprehensive products and solutions for a broad range of vertical markets. In addition to the security industry, Hikvision extends its reach to smart home tech, industrial automation, and automotive electronics industries to achieve its long-term vision. Hikvision products also provide powerful business intelligence for end users, which can enable more efficient operations and greater commercial success.

### timeware® / HiKCentral Integration overview

timeware® have created an API integration between HiKCentral and timeware® Small Business and timeware® Professional. This means that HiKCentral 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/users and their associated credentials created in one system to be passed directly to the other.

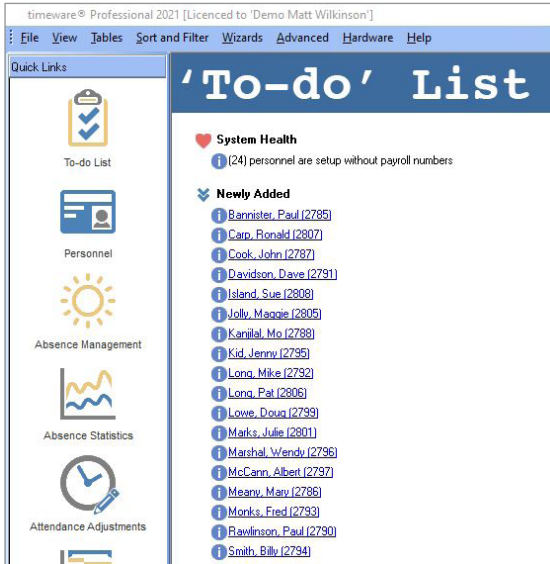
Eg: An administrator can specify which readers are classed as attendance points and bookings made at these points can be read by timeware® from the database and processed by timeware® as attendance bookings.



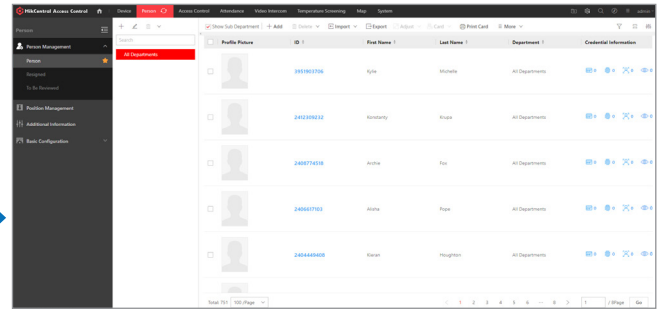
Certificate No:  
491342025

timeware®/HiKCentral integration functions

timeware® Personnel

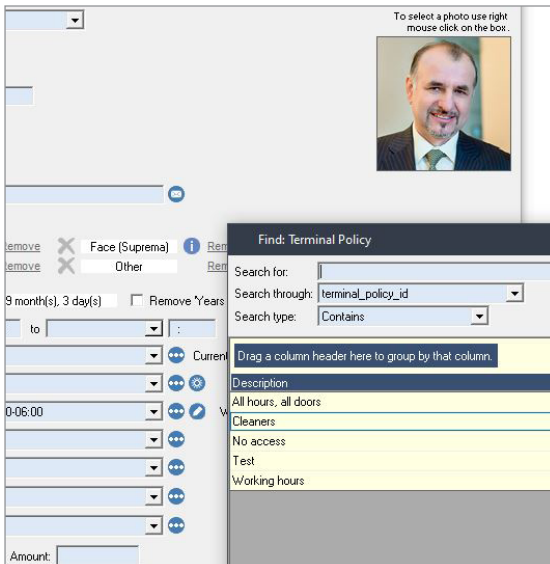


HiKCentral Person records

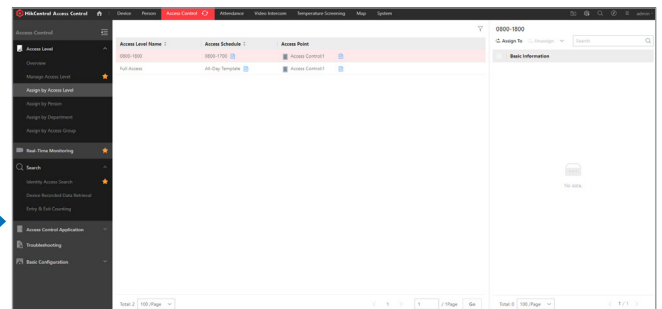


The API integration enables full control of the transfer direction between timeware® Personnel and HiKCentral Users.

timeware® Terminal Policy



HiKCentral Access Levels

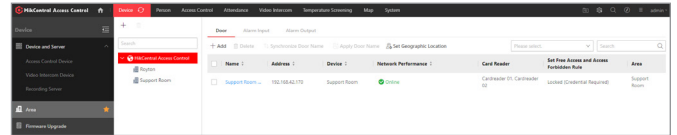


The API integration enables full control of the transfer direction between timeware® Terminal policies and HiKCentral Access Levels.

### timeware® Terminals

Terminal Configuration					
Group ▾					
Sel.	Connection Status	Group ▾	Terminal ID	Number ▾	Description
☐ (none) (4 items)					
<input type="checkbox"/>	<span style="color:red">●</span> Suspended		-6145	-6145	Meeting
<input type="checkbox"/>	<span style="color:red">●</span> Suspended		-6139	-6139	Building
<input type="checkbox"/>	<span style="color:red">●</span> Suspended		-6136	-6136	Barrier 2
<input type="checkbox"/>	<span style="color:red">●</span> Suspended		-6133	-6133	Barrier 1
☐ Paxton Access (3 items)					
<input type="checkbox"/>	<span style="color:blue">i</span> Not tested in this session	Paxton Access	-6142	3	Main ent
<input type="checkbox"/>	<span style="color:blue">i</span> Not tested in this session	Paxton Access	-6130	4	Back do
<input type="checkbox"/>	<span style="color:blue">i</span> Not tested in this session	Paxton Access	-6148	5	Stores
☐ Paxton Attendance (2 items)					
<input type="checkbox"/>	<span style="color:blue">i</span> Not tested in this session	Paxton Attendance	-6153	1	Office 2
<input type="checkbox"/>	<span style="color:blue">i</span> Not tested in this session	Paxton Attendance	-6151	2	Office 1

### HiKCentral Devices



Name	Address	Device	Network Performance	Card Reader	Set Free Boxes and Access Function Key	Area
Support Room	102.106.42.172	Support Room	Online	CardReader 01 CardReader 01	Locked	Credentialed Required

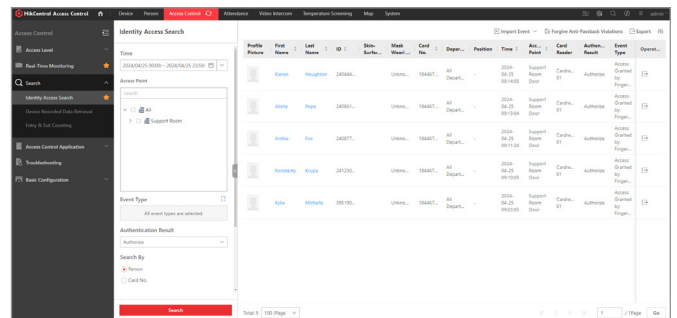


The API integration enables control of the transfer from HiKCentral Doors to timeware® Terminals.

### timeware® Bookings

Attendance Adjustment Bookings					
Employee ID: 2807		First name: Ronald		Last name: Carp	
Date selected: Wed 04 Aug 2021					
Actuals for '14:00-22:00/00' ** Contribute **					
Slot	Terminal	From Date	From Time	Terminal	To Date
Slot 1	Office 1	Wed 04/08/2021	11:27		
<input type="checkbox"/> Add another set of bookings... <input type="checkbox"/> Override daily schedule... <input type="checkbox"/> GPS Tracking... <input type="checkbox"/> Employee has manually entered <input type="checkbox"/> Remove from adjustment...					
Rates		Costs			
Slot	Amount	Slot	Amount		
	Override...		Override...		
Static Registers					
Slot	Reason	Authorisation	Authorised By	Amount	Overrid
x1.33?	None	Awaiting decision		0.00	No...
x1.50?	None	Awaiting decision		0.00	No...
x2.00?	None	Awaiting decision		0.00	No...

### HiKCentral Events



Profile	First Name	Last Name	ID	Stn. Surf...	Mark	Card No.	Dept...	Position	Time	Acc. Rate	Card Reader	Authen. Result	Event Type	Open...
Kevin	Wright	282664...		UNRES.	18665...		All	Support	04-20	Support	CardR...	Authen...	ES	
Wahne	Shah	282661...		UNRES.	18665...		All	Support	04-20	Support	CardR...	Authen...	ES	
Wahne	Shah	282677...		UNRES.	18665...		All	Support	04-20	Support	CardR...	Authen...	ES	
Wahne	Shah	281205...		UNRES.	18665...		All	Support	04-20	Support	CardR...	Authen...	ES	
Wahne	Shah	281190...		UNRES.	18665...		All	Support	04-20	Support	CardR...	Authen...	ES	



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

## Technical

Executed by the NMD3 Event handler service

Integration frequency determined during configuration.

Employee integration and events/device integration can operate independently if required.

## Employees

Newly added personnel records are created in either timeware® or HiKCentral 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.

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

## Devices, Access Levels & Door Groups:

Any new doors created in HiKCentral 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. Door groups are brought in from HiKCentral as Terminal Groups in timeware®. Access levels can either be set up in HiKCentral and brought into timeware® as Terminal Policies, or they can be setup in timeware and sent across to HiKCentral.

HiKCentral Field	timeware® Field
Devices	Terminals (new tterminal record)
Access Levels	Terminal Policy (new tterminal_policy record)

## Bookings/Events:

Events from the HiKCentral 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.

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