

HiKCentral Integration datasheet



HiKCentral

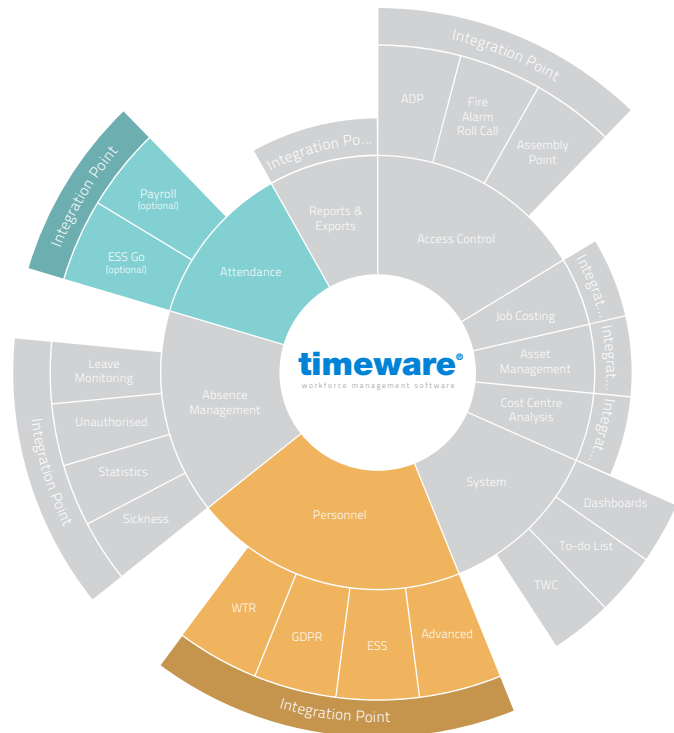
Hikvision is a world leading IoT solution provider with video as its core competency. Featuring an extensive and highly skilled R&D workforce, Hikvision manufactures a full suite of comprehensive products and solutions for a broad range of vertical markets. In addition to the security industry, Hikvision 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.

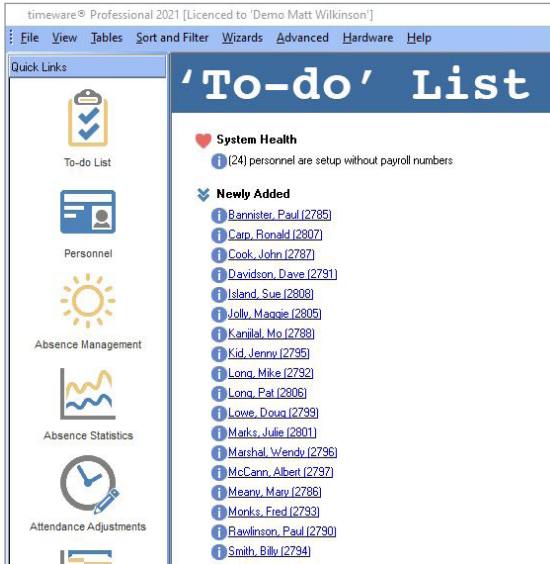
This integration eliminates 'duplicate entry' enabling personnel/users and their associated credentials created in one system to be passed directly to the other.

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.

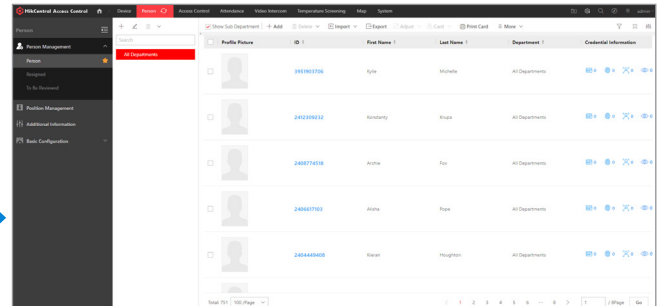


timeware® / HiKCentral integration functions

timeware® Personnel

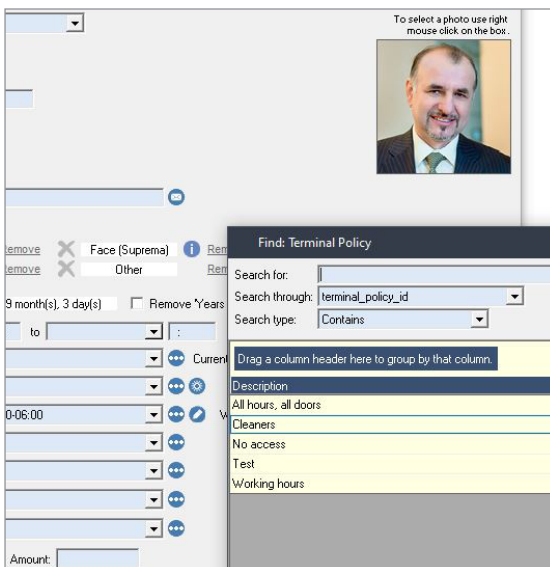


HiKCentral Person records

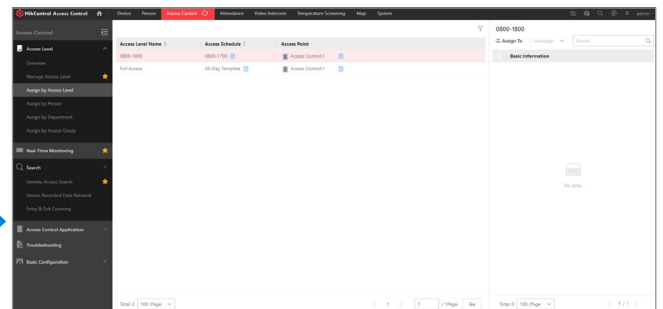


The API integration enables full control of the transfer direction between timeware® Personnel and HiKCentral Users.

timeware® Terminal Policy



HiKCentral Access Levels

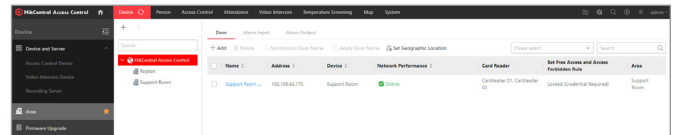


The API integration enables full control of the transfer direction between timeware® Terminal policies and HiKCentral Access Levels.

timeware® Terminals

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

HiKCentral Devices

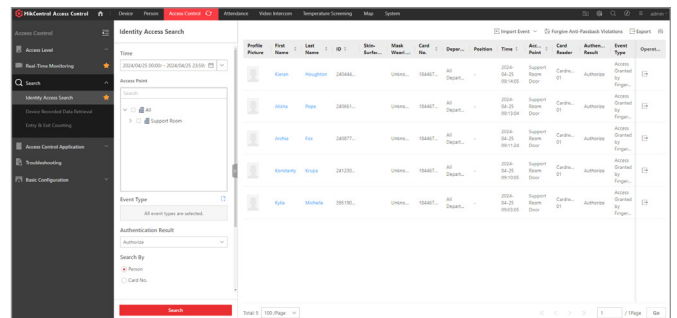


The API integration enables control of the transfer from HiKCentral Doors to timeware® Terminals.

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



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) |