

# Brivo Integration datasheet



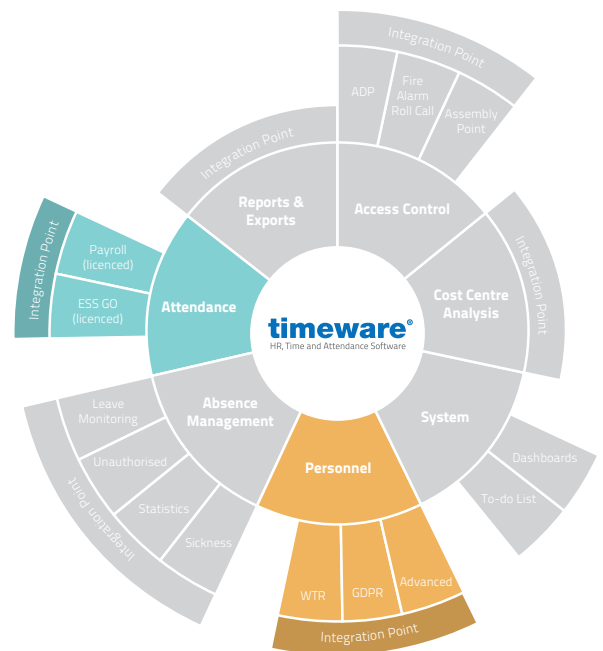
## Brivo

Brivo is a global leader in cloud-based access control and smart building technologies. Powering over 45,000 commercial accounts, Brivo provides unified security for millions of users across 60 countries. Their cloud-native platform allows for remote management and real-time security updates from anywhere in the world.

## timeware® / Brivo Integration

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

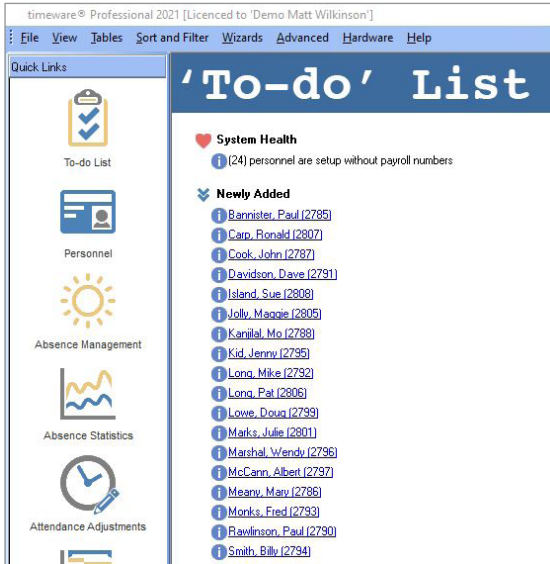
This integration eliminates 'duplicate entry' enabling personnel/users and their associated credentials created in one system to be passed directly to the other. Eg: An administrator can specify which Brivo devices are classed as attendance points and bookings made at these points can be read by timeware® from the Brivo API and processed by timeware® as attendance bookings.



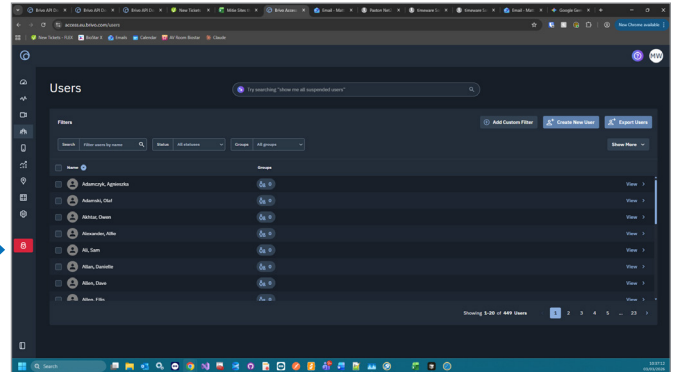
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## timeware®/Brivo integration functions

### timeware® Personnel

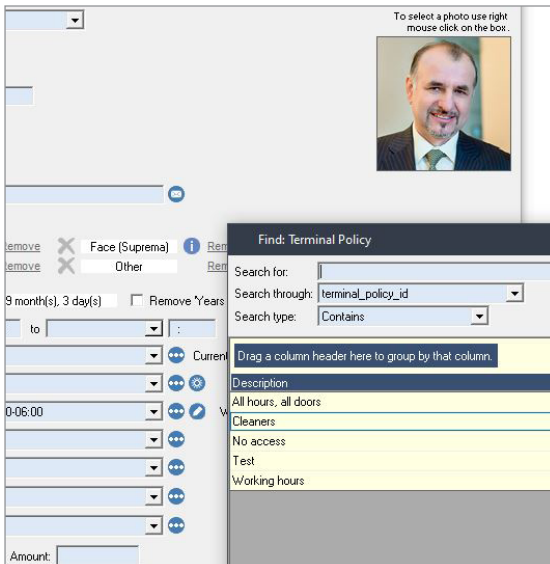


### Brivo Users

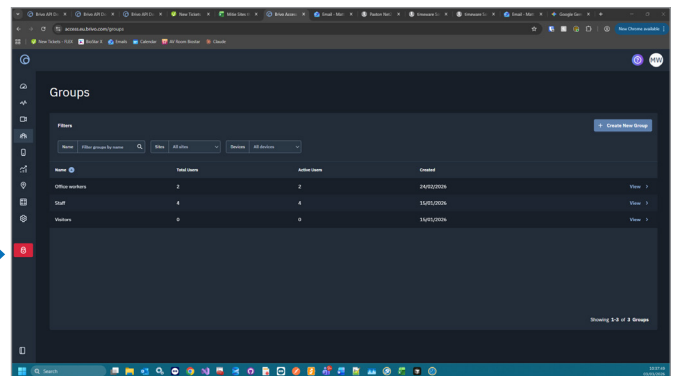


The API integration enables full control of the transfer direction between timeware® Personnel and Brivo Users.

### timeware® Terminal Policy



### Brivo Groups

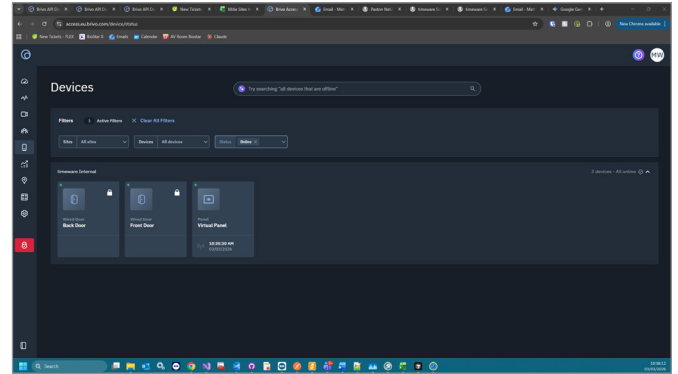


The API integration enables full control of the transfer direction between timeware® Terminal policies and Brivo Groups.

## timeware® Terminals

| Terminal Configuration        |                            |                   |             |          |             |
|-------------------------------|----------------------------|-------------------|-------------|----------|-------------|
| Group Δ                       |                            |                   |             |          |             |
| Sel...                        | Connection Status          | Group Δ           | Terminal ID | Number Δ | Description |
| ☐ (none) (4 items)            |                            |                   |             |          |             |
| <input type="checkbox"/>      | Suspended                  |                   | -6145       | -6145    | Meeting     |
| <input type="checkbox"/>      | Suspended                  |                   | -6139       | -6139    | Building    |
| <input type="checkbox"/>      | Suspended                  |                   | -6136       | -6136    | Barrier 2   |
| <input type="checkbox"/>      | Suspended                  |                   | -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    |

## Brivo Devices

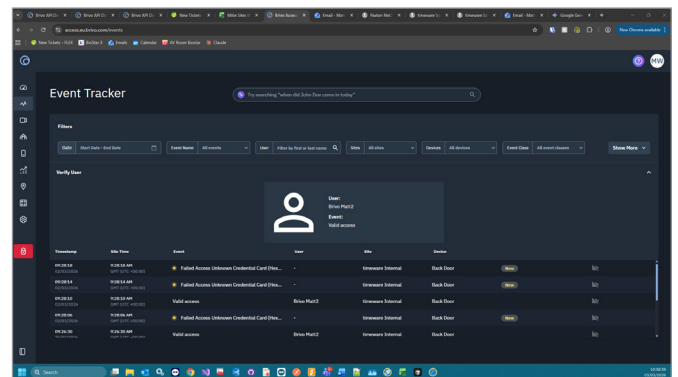


The API integration enables control of the transfer from Brivo Devices to timeware® Terminals.

## 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         |                 |         |
| Add another set of bookings...                  |          |                    |               |                 |         |
| Override daily schedule...                      |          |                    |               |                 |         |
| GPS Tracking...                                 |          |                    |               |                 |         |
| Employee has manually entered                   |          |                    |               |                 |         |
| 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...   |

## Brivo Events



The API integration enables control of the transfer from Brivo 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 Brivo 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.

| Field  | timeware® Field                                |
|--------|--|
| Name   | First name + Last name                         |
| Groups | Terminal policy (temployee.terminal_policy_id) |

## Devices & Groups:

Any new devices created in Brivo get brought into timeware® as new terminals. Based on the requirements, you will either set it as an access control device, an attendance device. All devices are initially suspended, and you unsuspend the devices we are required to pull data from. Groups can either be set up in Brivo and brought into timeware® as Terminal Policies, or they can be setup in timeware and sent across to Brivo.

| Field   | timeware® Field                               |
|---------|---|
| Devices | Terminals (new tterminal record)              |
| Groups  | Terminal Policy (new tterminal_policy record) |

## Bookings/Events:

Events from the 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.

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

## Annual licence

The Brivo integration is enabled by an annual licence.