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Paxton Net2 Integration datasheet

Paxton | **Net2**

This API integration is compatible with Paxton Net2 version 6.02 onwards.

Paxton Net2 integration?

Solved! with timeware® time and attendance software.

Paxton

Paxton design and manufacture market-leading security solutions for a range of premises. Around 25,000 buildings each year are secured globally with Paxton products. Paxton's global Head Office is based in Brighton, UK and they have colleagues in 12 countries and export to over 60 countries worldwide.

Paxton Approved Integration

timeware®/Paxton Approved Integration overview

timeware® have created an API integration between Paxton Net2 and timeware® Small Business and timeware® Professional. This means that Paxton Net2 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 Net2 readers are classed as attendance points and bookings made at these points can be read by timeware® from the Net2 database and processed by timeware® as attendance bookings.
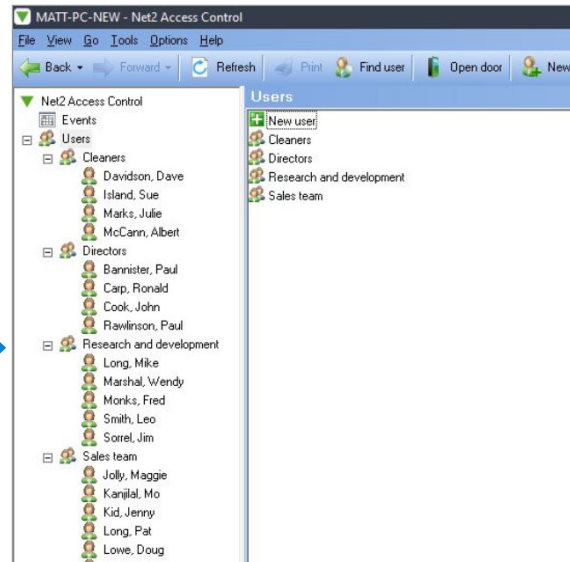
Hosting
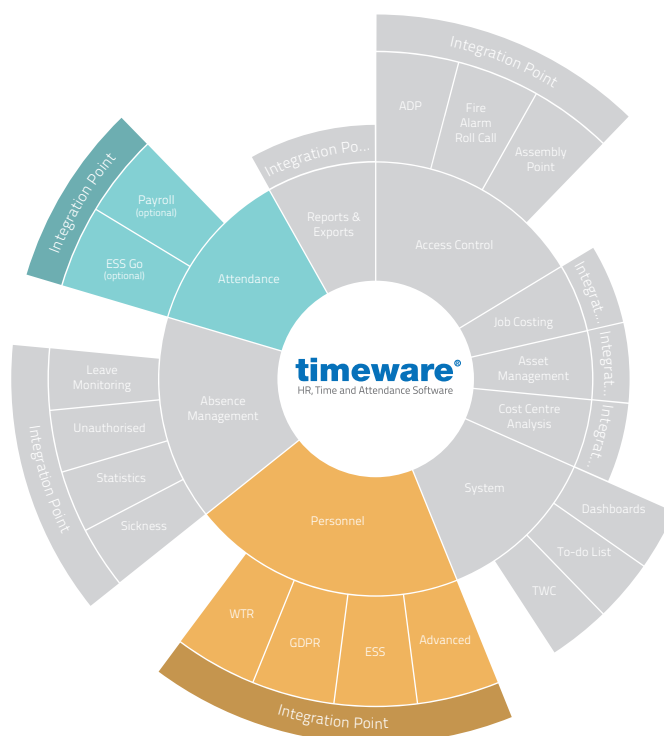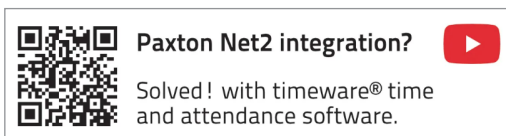
timeware®/Paxton integration functions

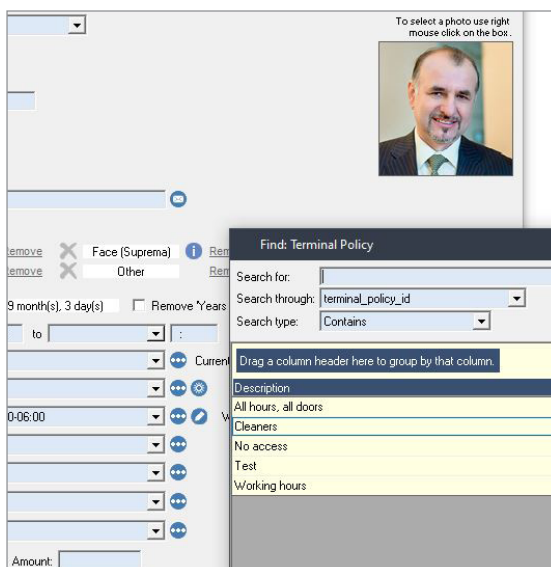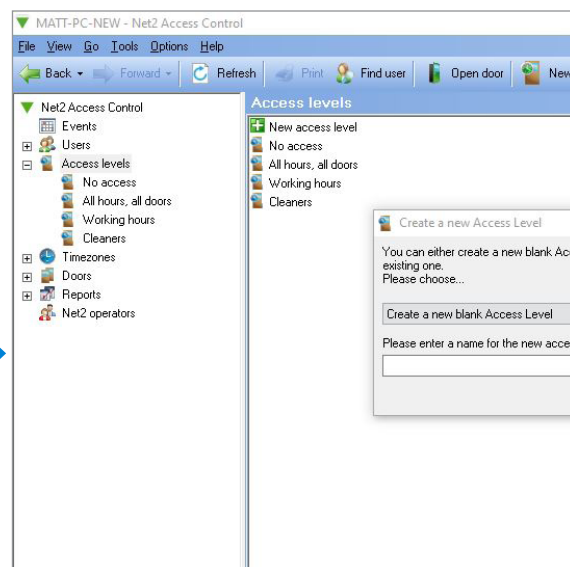### timeware® Personnel
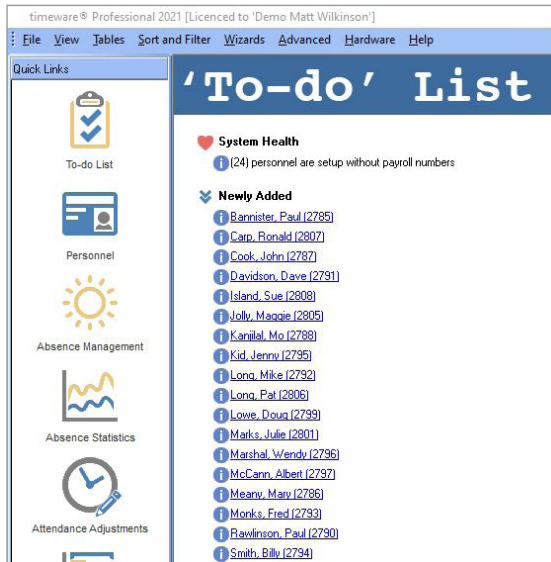
Paxton Net2 Users

The API integration enables full control of the transfer direction between timeware® Personnel and Paxton Net2 Users.

timeware® Terminal Policy

Paxton Net2 Access Levels

The API integration enables full control of the transfer direction between timeware® Terminal policies and Paxton Net2 Access Levels.

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timeware® Terminals

Paxton Net2 Doors

The API integration enables control of the transfer from Paxton Net2 Doors to timeware® Terminals.

timeware® Bookings

Paxton Net2 Events

The API integration enables control of the transfer from Paxton Net2 Events to timeware® Bookings.

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Other functions included in the API integration are:

- Two way synchronisation between 'Department' in timeware® software and Paxton Net2 software.
- One way synchronisation between "Door Groups" in Paxton Net2 software and 'Terminal groups' in timeware® software.

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 Net2 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.

Net2 Field	timeware® Field
Name	First name + Last name
Access Levels	Terminal policy (temployee.terminal_policy_id)
Department	Grouping 1-10 (configurable in the script)

Devices, Access Levels & Door Groups:

Any new doors created in Net2 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 Net2 as Terminal Groups in timeware®. Access levels can either be set up in Net2 and brought into timeware® as Terminal Policies, or they can be setup in timeware and sent across to Net2.

Net2 Field	timeware® Field
Devices	Terminals (new tterminal record)
Access Levels	Terminal Policy (new tterminal_policy record)
Door Groups	Terminal Groups (new tterminal_group_ref record)

Bookings/Events:

Events from the Net2 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.

Net2 Field	timeware® Field
Events	twork records (could be access or attendance data based off corresponding tterminal record)

Annual licence

The Paxton integration is enabled by an annual licence.