



# timeware®

HR, Time and Attendance Software

ON PREMISE  
SOFTWARE

## Genetec Integration datasheet

# Genetec™

This API integration is compatible with Genetec version 5.8 and onwards. Part code: GSC-1SDKTIMEWARE-TWPro

### Genetec

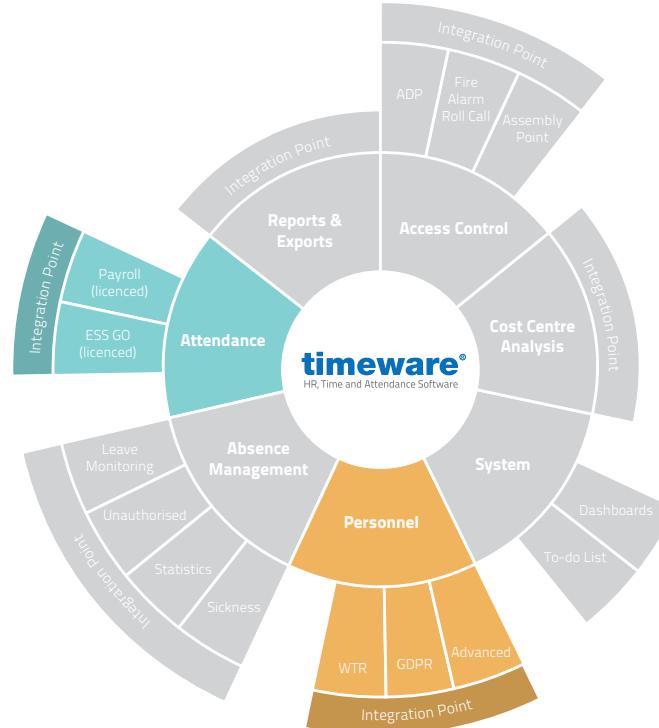
Genetec is a world class provider of IP-based security solutions. From CCTV, physical access control through to vehicle barrier control and ANPR, Genetec can provide resilient, connected solutions for every market sector.

### timeware®/Genetec Approved Integration overview

timeware® have created an API integration between Genetec and timeware® Small Business and timeware® Professional. This means that Genetec 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/cardholder and their associated credentials created in timeware to be passed directly to Genetec.

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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Registered in: England.

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## timeware®/Genetec integration functions

### timeware® Personnel

Employee ID	Payroll	First Name	Last Name	Known As	Employment Status
276 MAN3719	Dagmara	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 BIR11498	Daniel	Dobson	Dobson, Daniel	Employee	
191 LVP3037	Daniel	Donnelly	Donnelly, Daniel	Employee	
152 MAN2347	Danielle	Hope	Hope, Danielle	Employee	
522 BIR2003	Dariusz	Baranowski	Baranowski, Dari	Employee	
676 MAN2492	Daren	Robert	Roberts, Daren	Employee	
498 BIR2350	Daren	Holmes	Holmes, Daren	Employee	
394 BIR3603	Daren	Wright	Wright, Daren	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, Denisa	Employee	
695 BIR3096	Dominic	Khan	Khan, Dominic	Employee	
363 MAN1006	Dominic	Holmes	Holmes, Dominic	Employee	
718 BIR4568	Dominic	Oliver	Oliver, Dominic	Employee	

### Genetec Cardholders

Name	Description	Logical ID	Relationships
Dariusz Pawlik 148			
Dariusz Wilk 200			
Daren Holmes 498			
Darren Roberts 676			
Daren Wright 384			
Dave Allen 201			
Dave Davidson 2927			
Dave Hall 677			
Dave Moore 133			
Dave Webb 1			
Dave Woodrow 2934			
Dedan Coates 714			
Dedan Hicks 245			
Dedan Townsend 198			
Dedan Whittaker 490			
Denice Page 16			
Dominic Holmes 363			
Dominic Khan 685			
Dominic Oliver 718			
Dominic Owen 139			
Doug Lowe 2935			
Duncan Taylor 656			
Dylan Barlow 338			
Dylan Faulkner 178			
Dylan Ferguson 334			
Dylan Kennedy 682			
Dylan Nolan 639			
Edward Bates 392			
Edward Moran 505			
Eleanor Stokes 224			

The API integration enables control of the transfer from timeware® Personnel and Genetec Cardholder.

### timeware® Terminal Policy

Description	All cardholders	All hours, all doors	Cleaners	No access	Security	Shopfloor Only	Test
14:00-22:00							
All cardholders							
All hours, all doors							
Cleaners							
No access							
Security							
Shopfloor Only							
Test							
Turnstiles Only							
Working hours							

### Genetec Cardholder Policy

Name	Description	Logical ID	Relationships
SUPPORT-TESTING			
All cardholders			
Security			
Shopfloor Only			
Turnstiles Only			

The API integration enables control of the transfer of timeware® Terminal policies to Genetec Cardholder policies.

## timeware® Terminals

The screenshot shows a table with columns: Connection Status, Group, Terminal ID, Number, and Description. The table contains several rows, including entries for 'Not tested in this session' and 'Suspended' terminals. A large blue arrow points from this interface to the 'Genetec Doors' interface on the right.

## Genetec Doors

The screenshot shows a tree view of door configurations under 'SUPPORT-TESTING'. A specific door, 'Support Office 1', is selected and shown in a detailed panel. The panel includes fields for Type (Door), Icon, Name (Support Office 1), Description, and Logical ID. Relationships are also listed, including 'Controlled by...', 'Part of...', 'Access rules', and 'Actions'. A large blue arrow points from the 'timeware® Terminals' interface on the left to this interface.

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

## timeware® Bookings

The screenshot shows a calendar for October 2021 with a selected date of Wednesday, 27 October. Below the calendar is a table of bookings. The table has columns: Wk/Day, Date, Schedule, Taken absence(s), and Booking(s). There are three entries: one for Monday, one for Tuesday, and one for Wednesday. A large blue arrow points from this interface to the 'Genetec Events' interface on the right.

## Genetec Events

The screenshot shows a list of 8 event entries. Each entry includes a user icon, the user's name, their credential, a supplemental credential, and an event timestamp. The events are listed as follows:

Name	Picture	Credential	Supplemental credential	Event timestamp
Darren Andrews		6322's credential		27/10/2021 14:08:05
Darren Andrews		6322's credential		27/10/2021 14:08:04
Kevin Ware		4195's credential		27/10/2021 13:59:07
Kevin Ware		4195's credential		27/10/2021 13:59:05
Dawn Thompson		10414's credential		27/10/2021 13:55:12
Dawn Thompson		10414's credential		27/10/2021 13:55:10
Jenna Bolton		9808's credential		27/10/2021 13:22:17
Jenna Bolton		9808's credential		27/10/2021 13:22:16

The API integration enables control of the transfer from Genetec 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 timeware® and are sent across to the Genetec system along with their relative fields below.

Genetec Field	timeware® Field
Name	First name + Last name
Cardholder Policy	Terminal policy (temployee.terminal_policy_id)

## Doors + Cardholder Policies:

Any new doors or cardholder policies created in Genetec get automatically sent across to timeware®. Doors 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. Cardholder groups get created as terminal policies and are assigned against the personnel records.

Genetec Field	timeware® Field
Devices	Terminals (new tterminal record)
Cardholder Policy	Terminal Policy (new tterminal_policy record)

## Bookings/Events:

Events from the Genetec 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.

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

## Annual licence

The Genetec integration is enabled by an annual licence.