

## Migrating ACT Win to ACT Enterprise

This document describes the process for migrating an ACT Win legacy system to ACT Enterprise.

- The document focuses on the migration of a local file database i.e., Jet to SQL compact (installed at its default location).
- It is assumed that ACT Enterprise is already installed.
- The migration process is the same regardless of whether ACT Win and ACT Enterprise are installed on the same PC/Server or not.
- Please uninstall ACT Win once the migration process is complete.

**Note** - Prior to ACT Ent 2.16.0.3 it was possible to have both applications installed on the same machine. Now, because ACT Win cannot be installed on anything newer than Win 7, and 2.16.0.3 cannot be installed on Win 7 the two applications cannot exist on the same machine.

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# SUPPORT INFORMATION

## 1. ACTWin.

See below screenshots of current live ACT Win database.

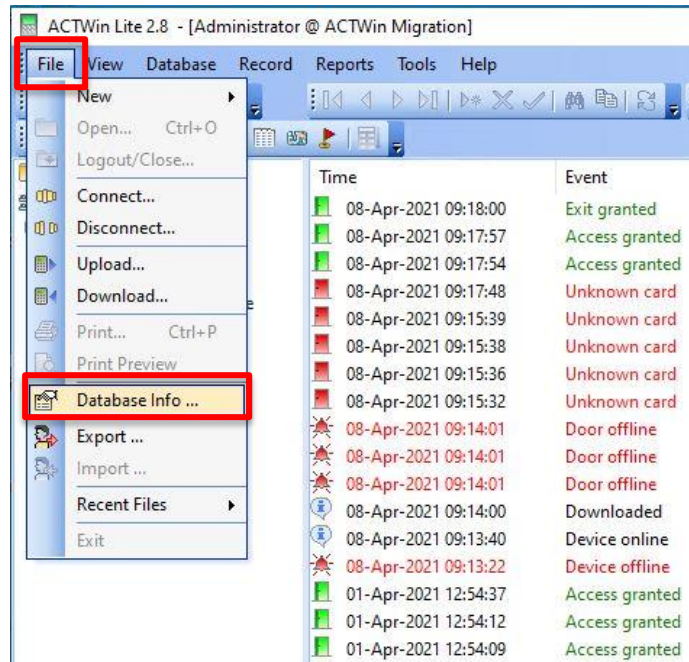
Time	Event	Location	Details
08-Apr-2021 09:18:00	Exit granted	Main Entrance	Reception Staff
08-Apr-2021 09:17:57	Access granted	Main Entrance	Reception Staff
08-Apr-2021 09:17:54	Access granted	Main Entrance	HR Staff
08-Apr-2021 09:17:48	Unknown card	Main Entrance	Card Number 1764039
08-Apr-2021 09:15:39	Unknown card	Rear Entrance	Card Number 360110
08-Apr-2021 09:15:38	Unknown card	Rear Entrance	Card Number 360109
08-Apr-2021 09:15:36	Unknown card	Rear Entrance	Card Number 360107
08-Apr-2021 09:15:32	Unknown card	Rear Entrance	Card Number 360103
08-Apr-2021 09:14:01	Door offline	Comms Room	
08-Apr-2021 09:14:01	Door offline	Car Park Barrier	
08-Apr-2021 09:14:01	Door offline	Pedestrian Turnstile	
08-Apr-2021 09:14:00	Downloaded	Controller 1	
08-Apr-2021 09:13:40	Device online	Controller 1	
08-Apr-2021 09:13:22	Device offline	Controller 1	
01-Apr-2021 12:54:37	Access granted	Main Entrance	Reception Staff
01-Apr-2021 12:54:12	Access granted	Main Entrance	HR Staff
01-Apr-2021 12:54:09	Access granted	Main Entrance	Security Guard
01-Apr-2021 12:53:52	Access granted	Main Entrance	General Staff
01-Apr-2021 12:53:28	Door offline	Comms Room	
01-Apr-2021 12:53:28	Door offline	Car Park Barrier	
01-Apr-2021 12:53:28	Door offline	Pedestrian Turnstile	
01-Apr-2021 12:53:28	Downloaded	Controller 1	
01-Apr-2021 12:53:07	Access denied	Main Entrance	General Staff
01-Apr-2021 12:52:57	Access denied	Main Entrance	Security Guard
01-Apr-2021 12:51:59	Access denied	Main Entrance	Security Guard
01-Apr-2021 12:51:29	Door offline	Comms Room	
01-Apr-2021 12:51:28	Door offline	Car Park Barrier	
01-Apr-2021 12:51:28	Door offline	Pedestrian Turnstile	
01-Apr-2021 12:51:27	Downloaded	Controller 1	
01-Apr-2021 10:11:17	Access denied	Main Entrance	General Staff

No.	Enab.	User Name	Group Name	Card Number	User Field 1	Expiry Date
00001	Yes	IT Staff	Full Access Group	0001689866		
00002	Yes	Warehouse Staff	Full Access Group			
00003	Yes	General Staff	Full Access Group	0001764042		
00004	Yes	Security Guard	Full Access Group	0001764044		
00005	Yes	Reception Staff	Full Access Group	0001764043		
00006	Yes	HR Staff	Full Access Group	0001764046		

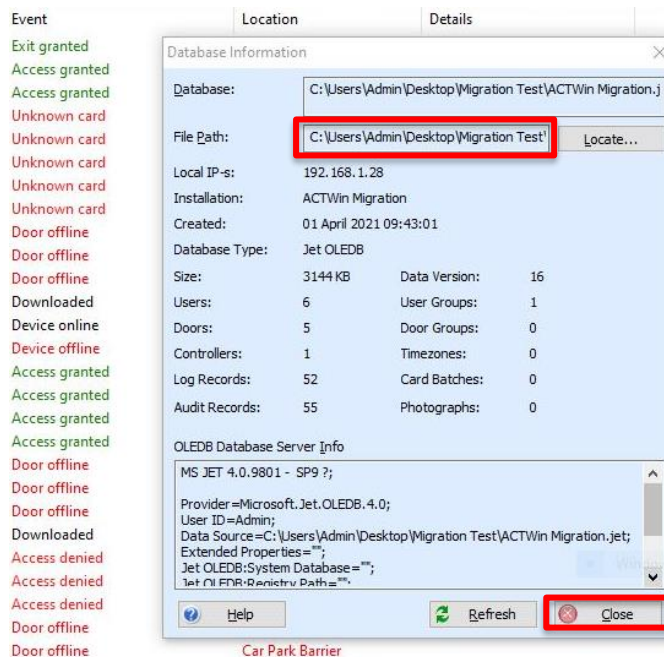
# SUPPORT INFORMATION

## 1.1. Backing up the ACTWin Database for Migration

Firstly establish the location of the current live ACTWin database. To do this click on 'File' and 'Database Info'.



The following dialogue will open, make a note of the database File Path. In this example the path is C:\Users\Admin\Desktop\Migration Test.



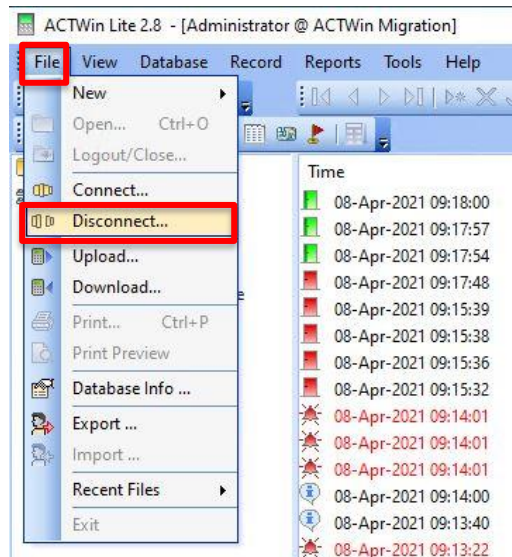
Alternatively you can simply click 'Locate' and windows File Explorer will open directly at the Database location.

Click Close to shut down the Database Info Dialogue.

# SUPPORT INFORMATION

Disconnect ACT Win from the Controller(s) and then Exit the Application.

Click 'File' then 'Disconnect'



Once Disconnected the 'Exit' option will become enabled. Click 'File' then 'Exit'.

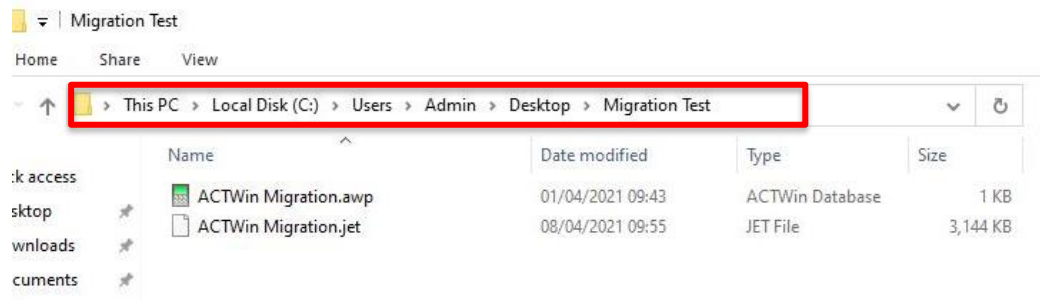


# SUPPORT INFORMATION

Now that the application has been Exited, the Database will be available to be copied to your desired location for migration into ACT Enterprise.

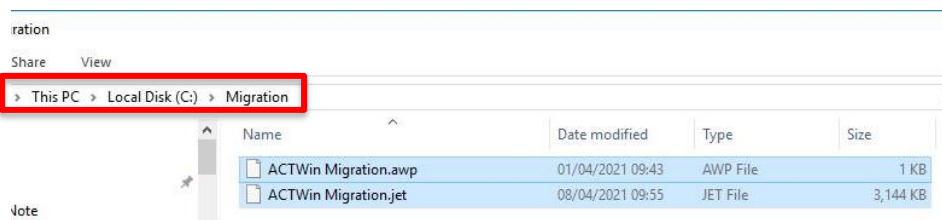
This could be a local drive on the PC running ACT Enterprise, or a USB or Network drive.

Browse to the ACT Win Database location using file Explorer.



You should see two files, copy both of these to your desired location for carrying out the migration to ACT Enterprise.

**Note** - In the unlikely event that you have multiple files in this location, check the database name from the Database info dialogue described on page 3.



In this example the database has been copied to a local folder on the PC running ACT Enterprise. The location chosen is C:\Migration

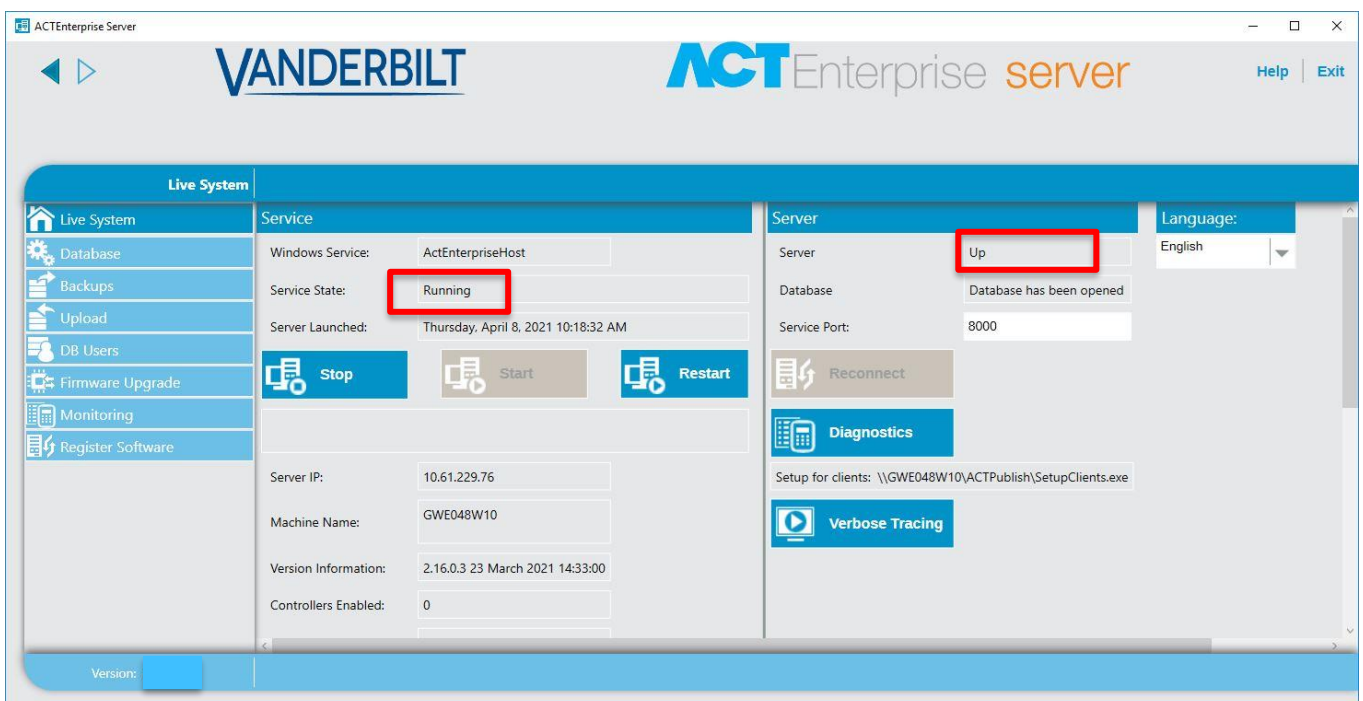
# SUPPORT INFORMATION

## 2. ACT Enterprise.

Firstly, ensure that ACT Enterprise has been installed correctly and you have a blank database in the system.

Open the ACT Server application and ensure the Service State is 'Running' and the Server is 'Up'. If the Start button is highlighted in Blue, click this to start the service and wait several minutes.

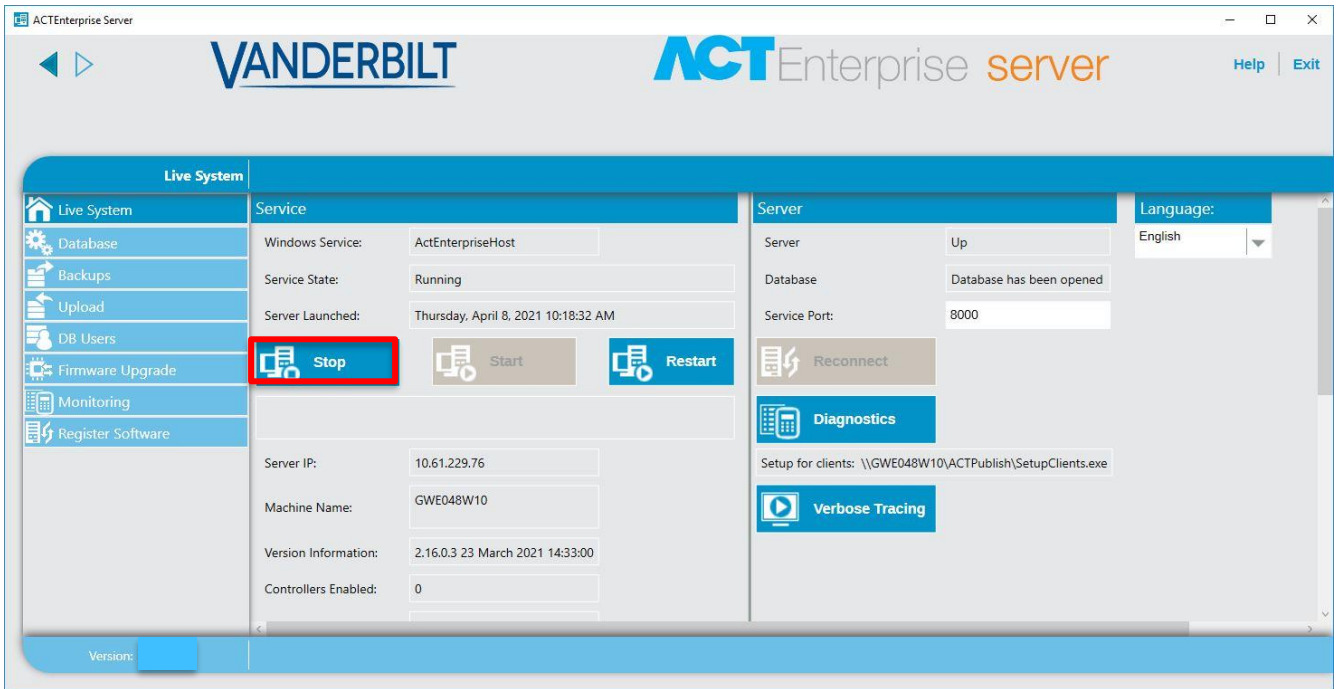
If the Service State still says 'Stopped' or the Service state says 'Down' please contact Technical Support.



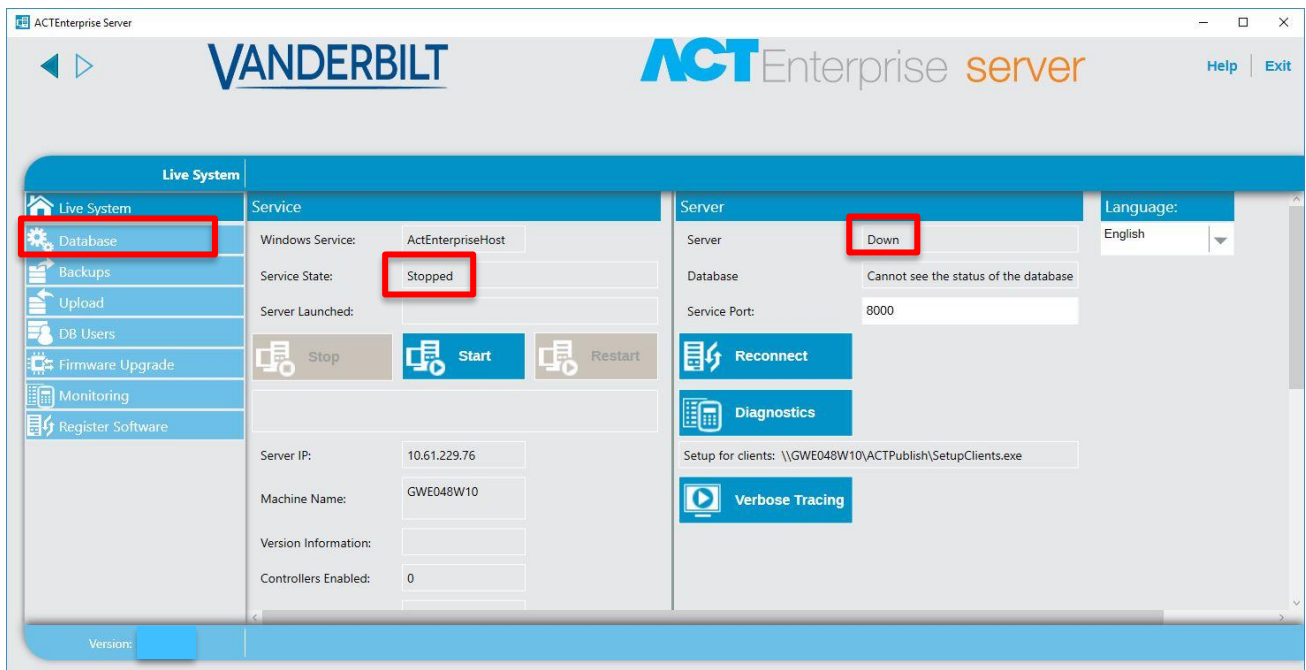
# SUPPORT INFORMATION

## 2.1. Migrating the ACT Win Database into ACT Enterprise.

Click 'Stop' to Stop the Service.

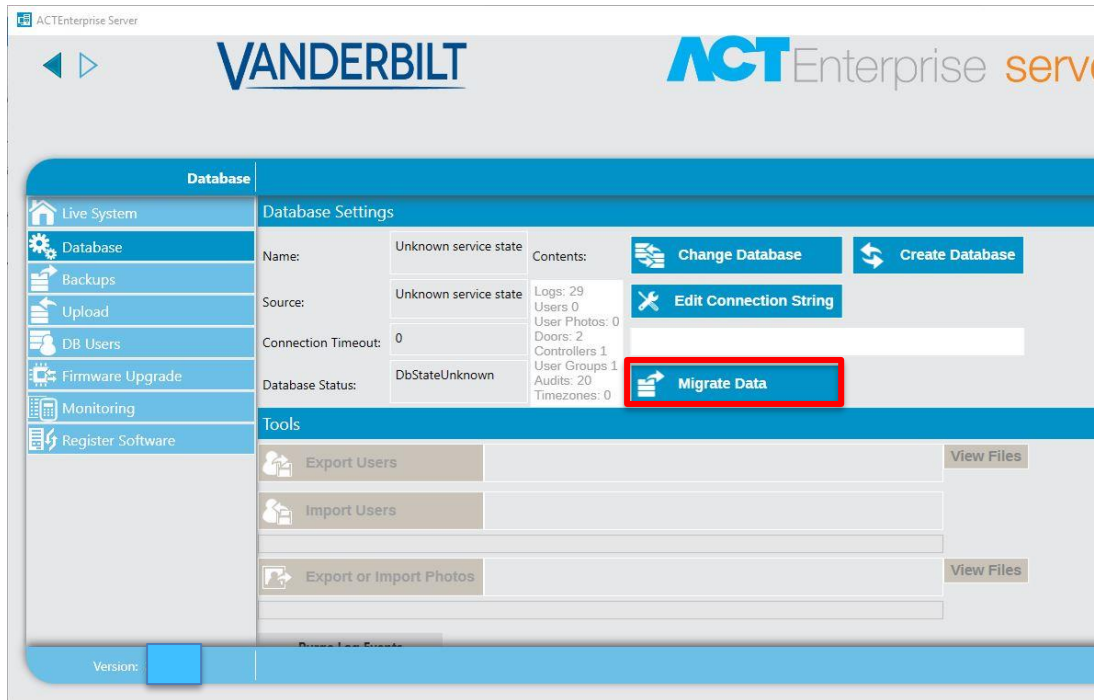


Ensure the Service State says 'Stopped' and the Server says 'Down', then click the 'Database' tab.

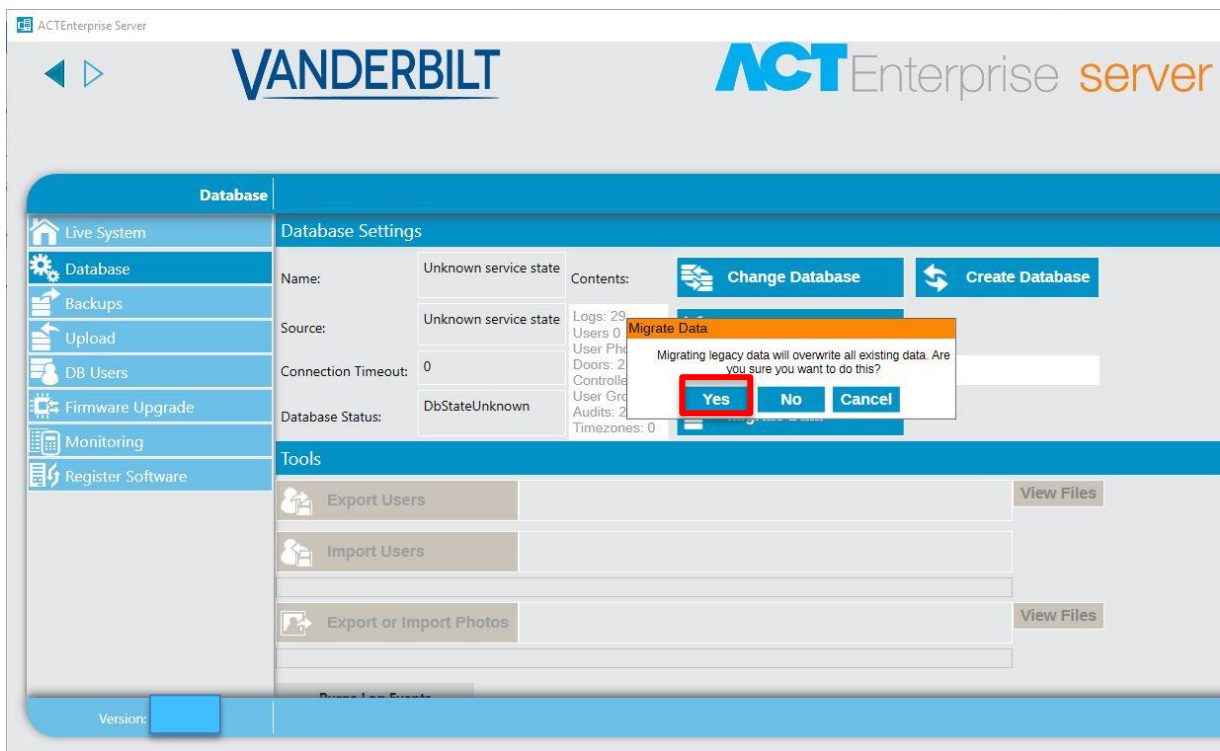


# SUPPORT INFORMATION

Click 'Migrate Data'

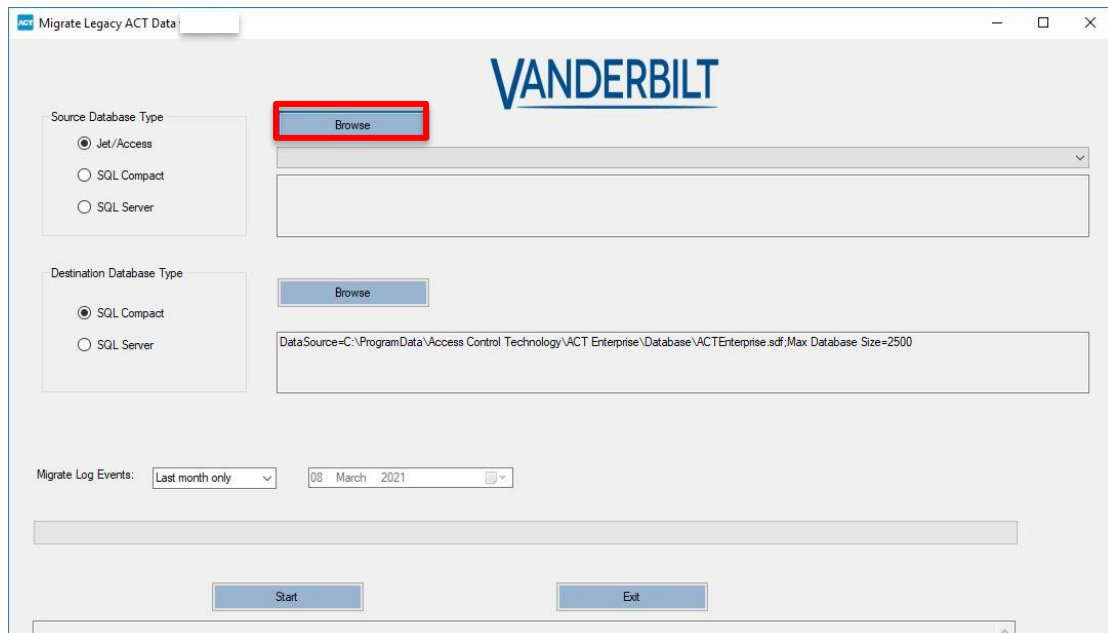


You will receive a message advising that Migration process will overwrite the current ACT Enterprise database. Click 'Yes'.

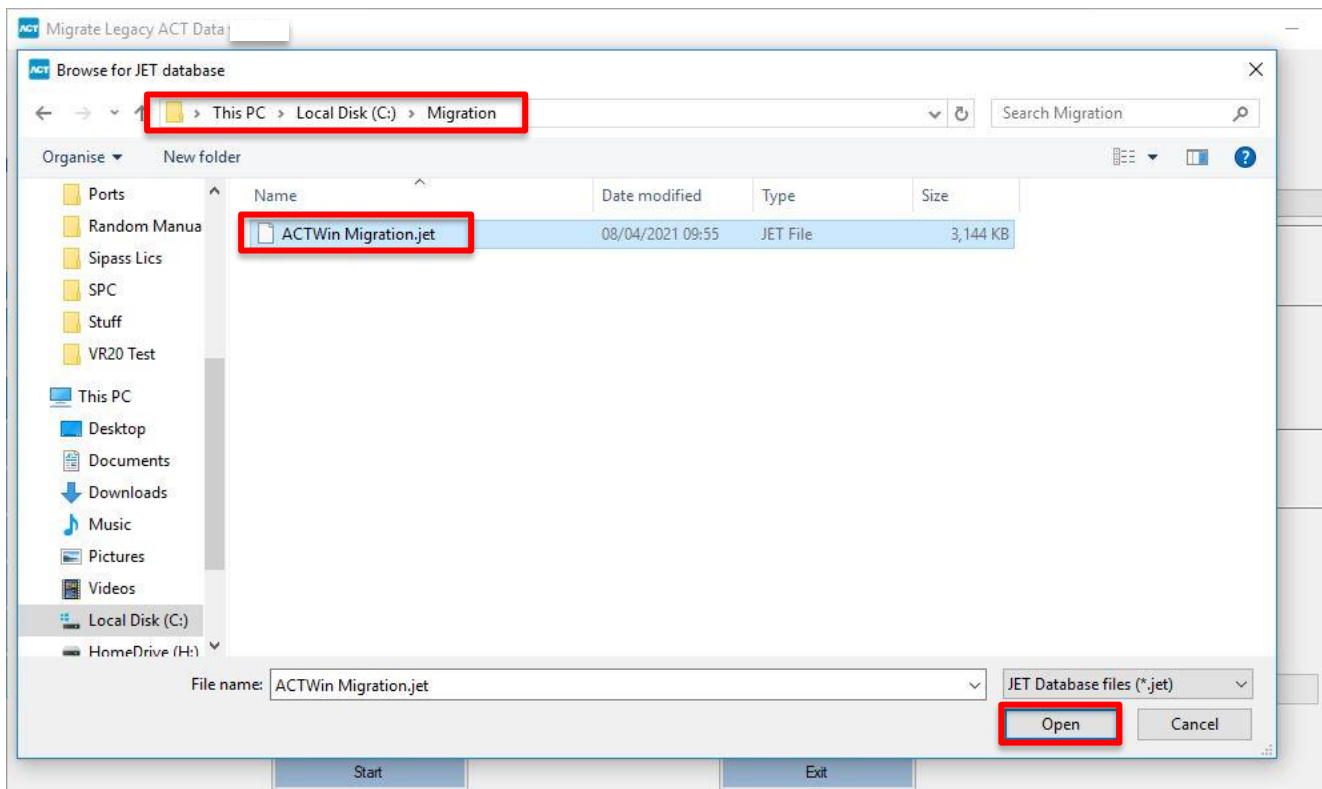


# SUPPORT INFORMATION

The Migrate Legacy ACT Data Tool will Open. Click 'Browse' next to 'Source Database Type'.

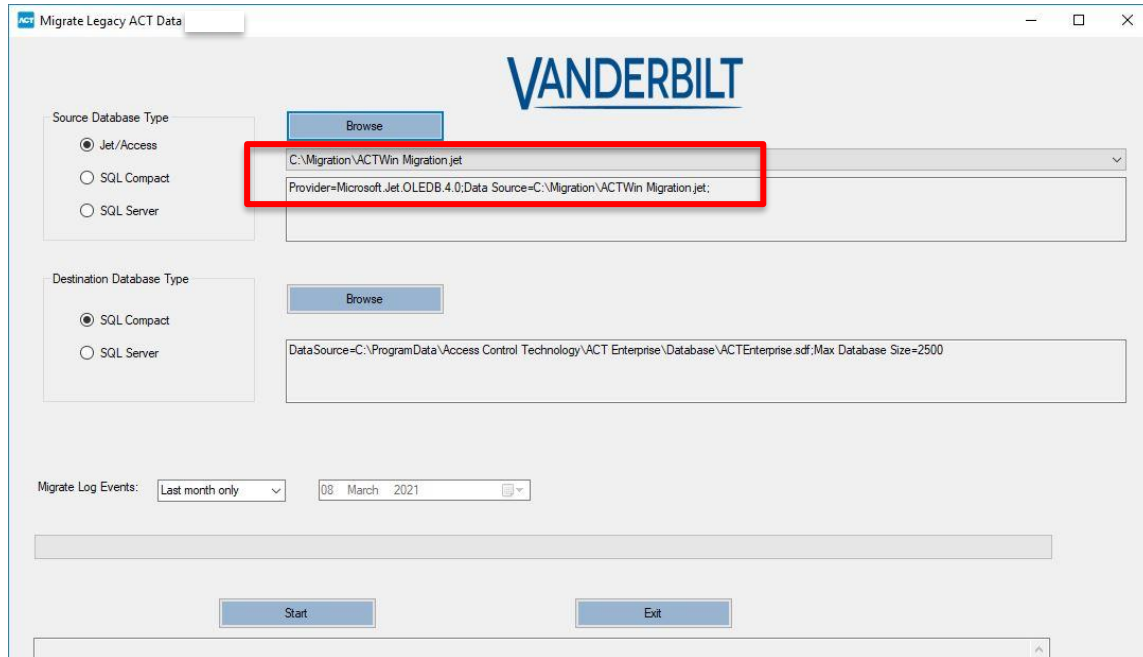


Browse to the location of your backed up ACT Win database - discussed on page 5.  
Select the Database and click 'Open'.



# SUPPORT INFORMATION

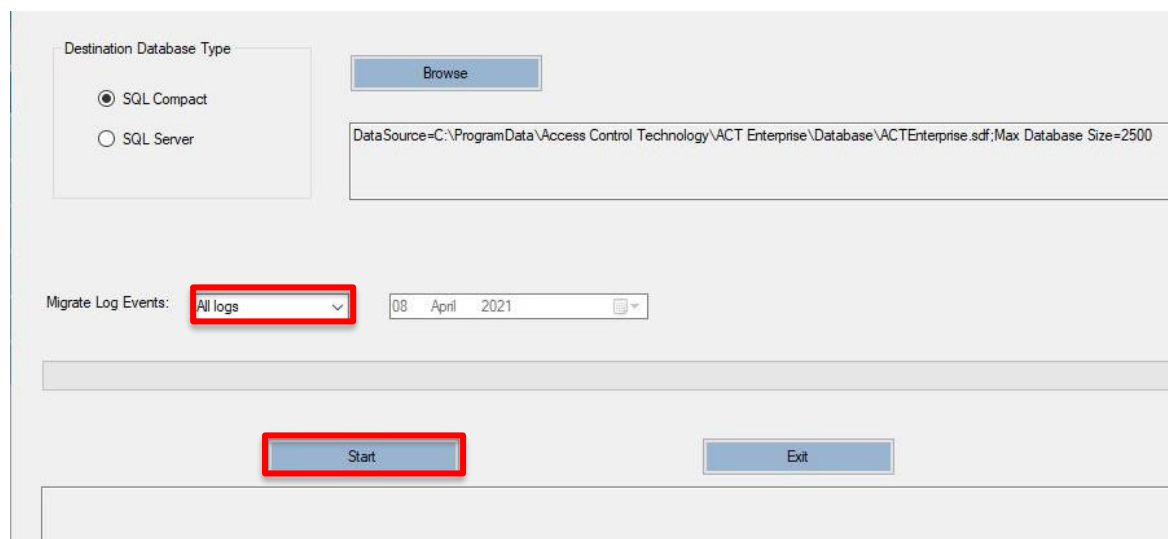
The Database will load into the Migration Tool. Leave the 'Destination Database Type' settings as default.



Decide how many Site Activity Log Events that you would like to Migrate. The default is One month.

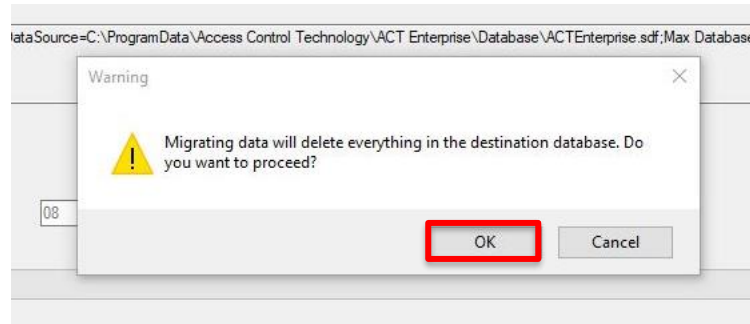
**Note** - Considerations that need to be made are the size of the site, how busy the site is, site requirements for logs and the ACT Enterprise Max size limit of 2Gb.

Click 'Start'.

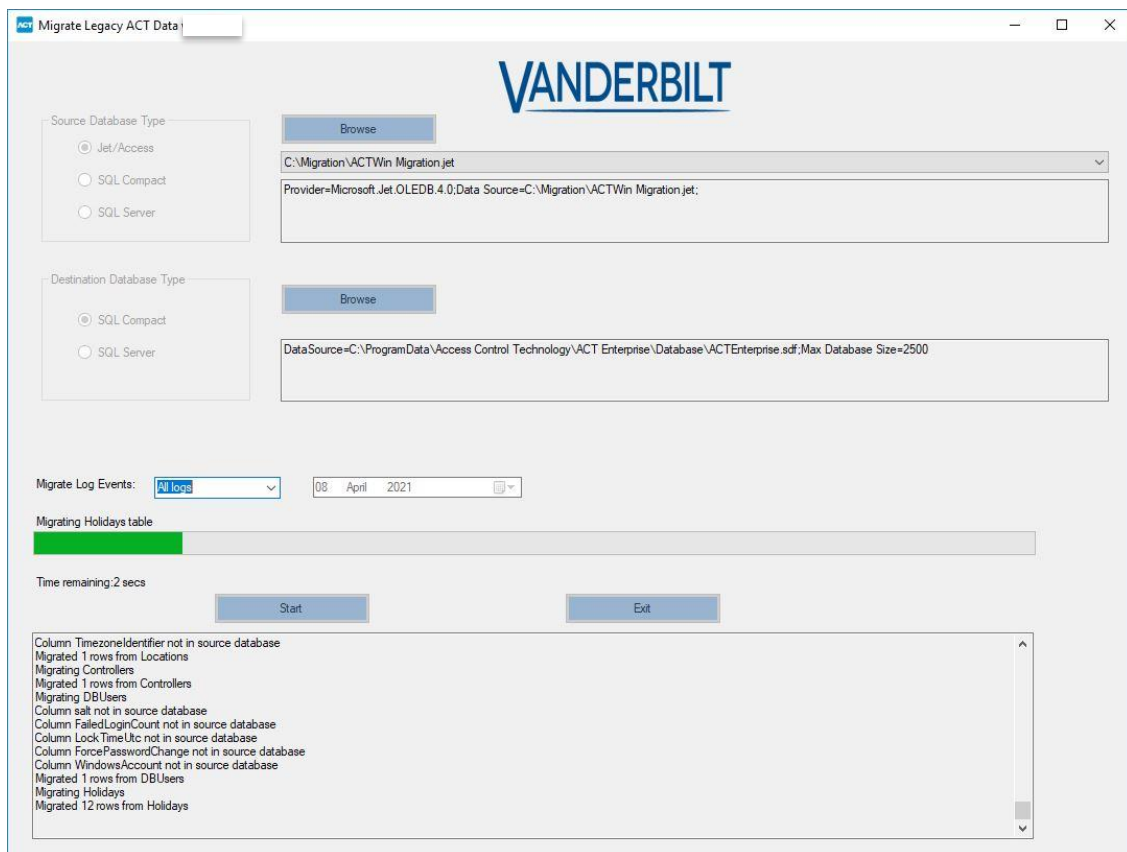


# SUPPORT INFORMATION

There will be another warning message advising that all data within the destination database will be deleted. Click 'OK'.

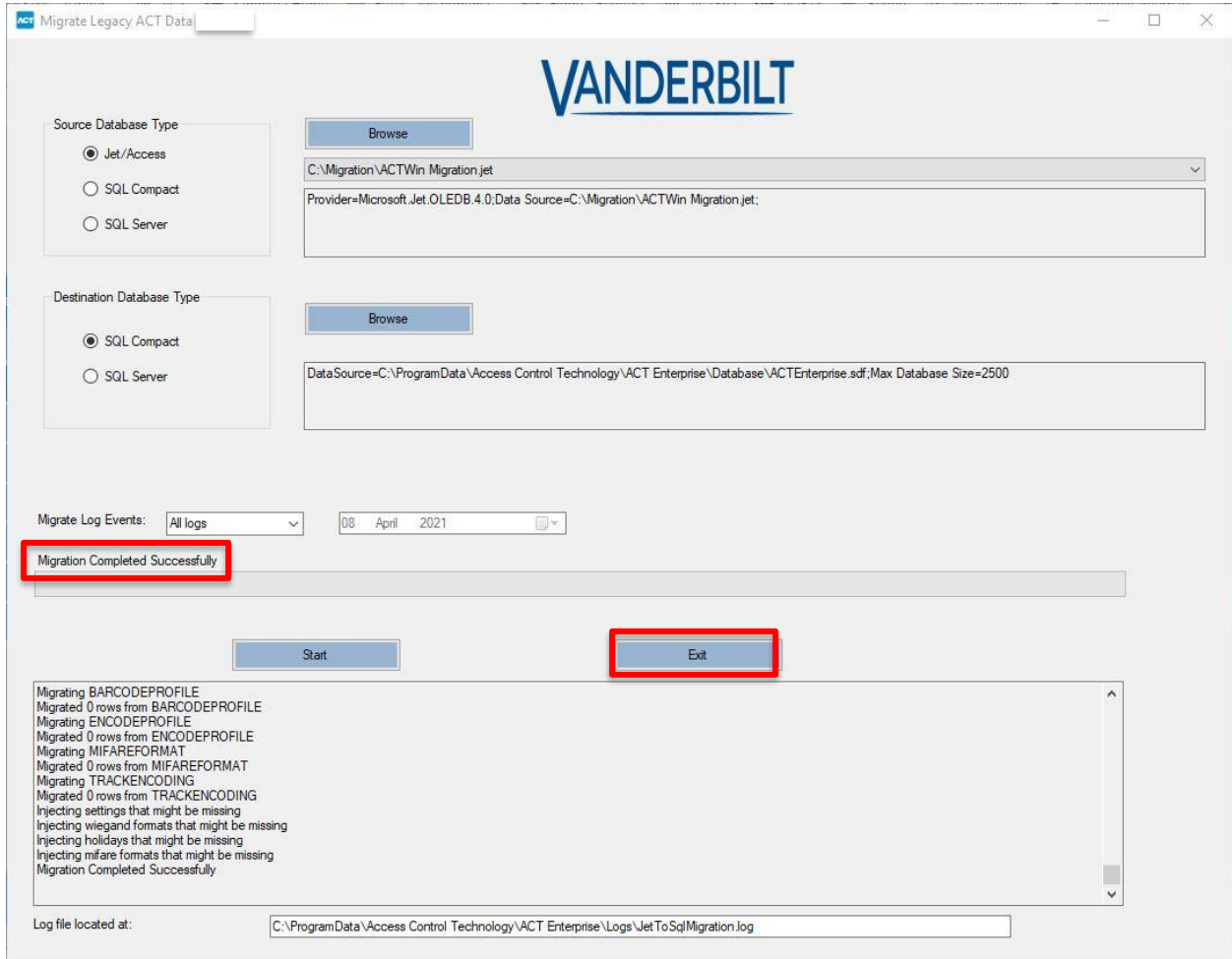


The migration will start, and a progress bar will become visible. Depending on the size of the database and how many logs are being migrated, this may take some time.



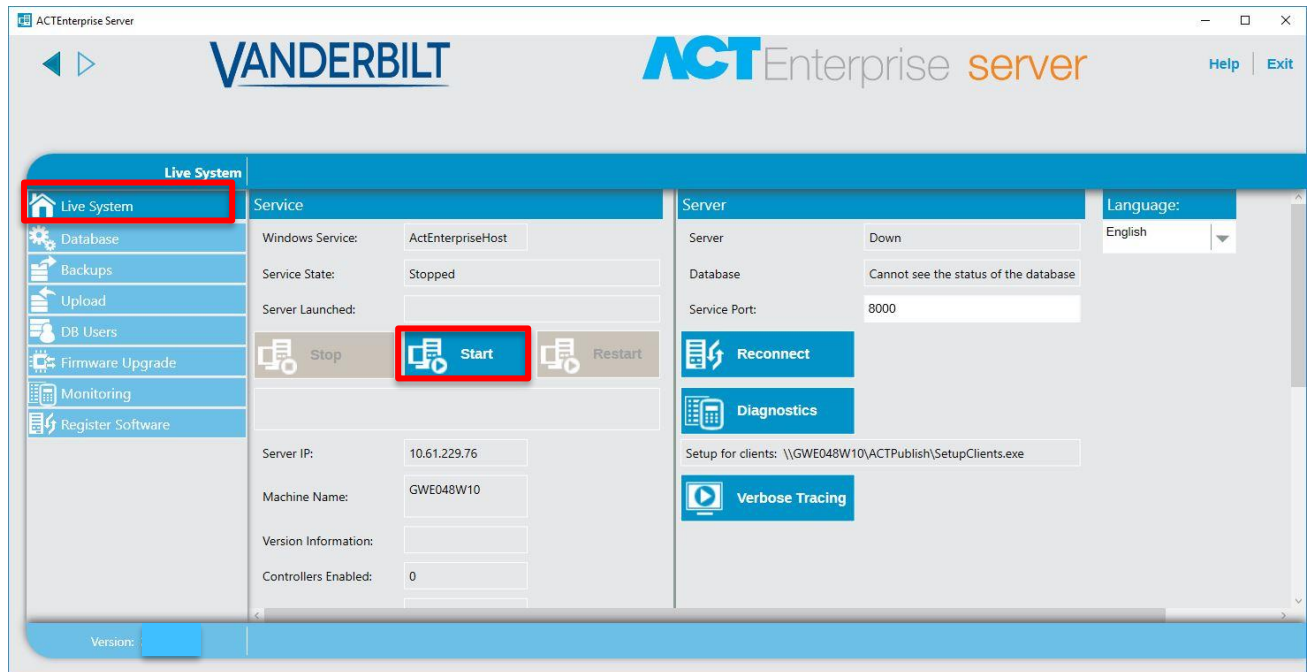
# SUPPORT INFORMATION

When complete, you should receive a 'Migration Completed Successfully' message. Click 'Exit' to close the migration tool.

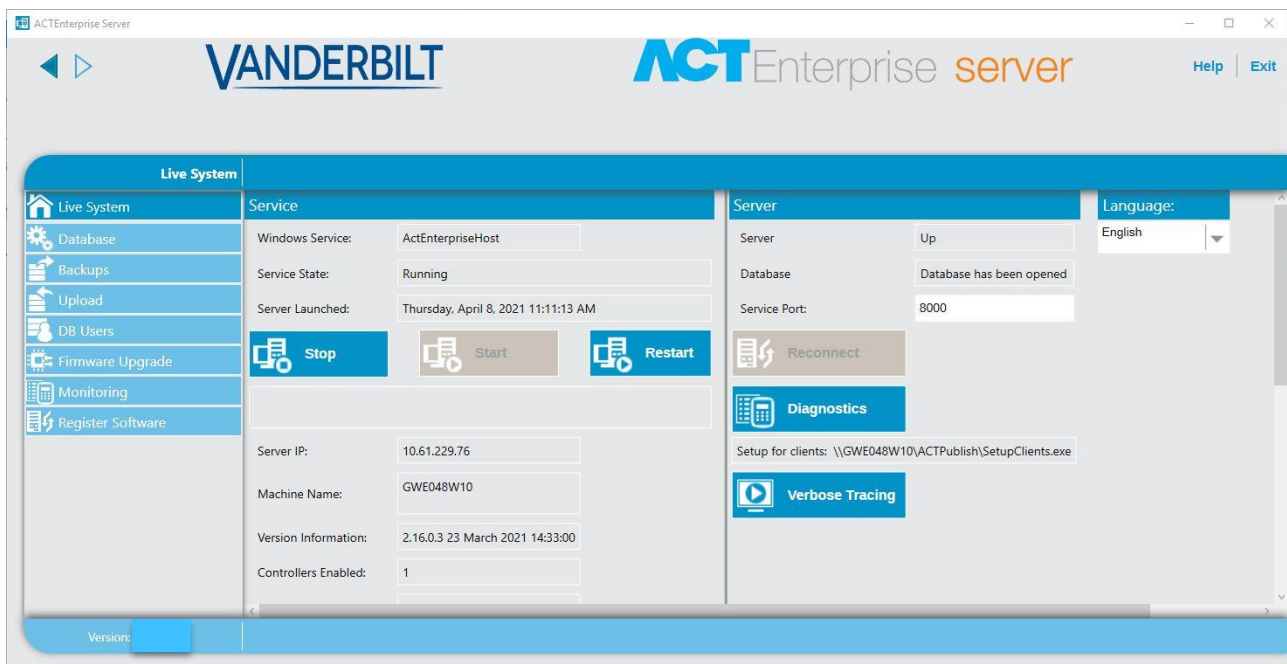


# SUPPORT INFORMATION

Re-open the ACT Server application, select the 'Live System' tab, then click 'Start' to restart the ACT Enterprise service.



Wait until the Service State says 'Running' and the Server is 'Up'.



# SUPPORT INFORMATION

The migration of the database is now complete, ACT Install and ACT Manage can now be used to manage the system.

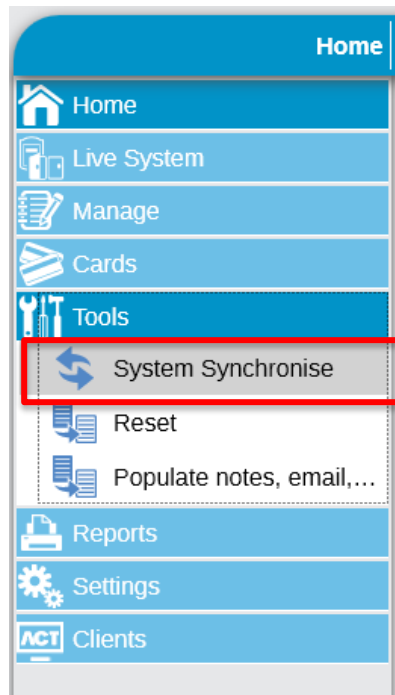
Time	Event	Location	Details
08-04-2021 11:11:18	Door Offline	Comms Room	
08-04-2021 11:11:18	Door Offline	Car Park Barrier	
08-04-2021 11:11:18	Door Offline	Pedestrian Turnstile	
08-04-2021 11:11:17	Device Online	Controller 1	
08-04-2021 11:11:17	Server Started		
08-04-2021 09:18:00	Exit Granted	Main Entrance	Reception Staff
08-04-2021 09:17:57	Access Granted	Main Entrance	Reception Staff
08-04-2021 09:17:54	Access Granted	Main Entrance	HR Staff
08-04-2021 09:17:48	Unrecognized Card	Main Entrance	Card: 1764039
08-04-2021 09:15:39	Unrecognized Card	Rear Entrance	Card: 360110
08-04-2021 09:15:38	Unrecognized Card	Rear Entrance	Card: 360109
08-04-2021 09:15:36	Unrecognized Card	Rear Entrance	Card: 360107
08-04-2021 09:15:32	Unrecognized Card	Rear Entrance	Card: 360103
08-04-2021 09:14:01	Door Offline	Comms Room	
08-04-2021 09:14:01	Door Offline	Car Park Barrier	
08-04-2021 09:14:01	Door Offline	Pedestrian Turnstile	
08-04-2021 09:14:00	Downloaded Ok	Controller 1	
08-04-2021 09:13:40	Device Online	Controller 1	
08-04-2021 09:13:22	Device Offline	Controller 1	
01-04-2021 12:54:37	Access Granted	Main Entrance	Reception Staff
01-04-2021 12:54:12	Access Granted	Main Entrance	HR Staff
01-04-2021 12:54:09	Access Granted	Main Entrance	Security Guard

No	Name	Enabled	Valid	Biometrics	Group
<input type="checkbox"/>	1 IT Staff	✓	✓		Full Access Group
<input type="checkbox"/>	2 Warehouse Staff	✓	✓		Full Access Group
<input type="checkbox"/>	3 Genral Staff	✓	✓		Full Access Group
<input type="checkbox"/>	4 Security Guard	✓	✓		Full Access Group
<input type="checkbox"/>	5 Reception Staff	✓	✓		Full Access Group
<input type="checkbox"/>	6 HR Staff	✓	✓		Full Access Group

# SUPPORT INFORMATION

To complete the process the controllers will need to be synchronised with the system data in ACT Enterprise, this can be done through either the ACT Manage or ACT Install clients.

## **ACT Manage>Tools>System Synchronise**



Simply select the controllers that you would like to synchronise and wait for the process to complete.

The migration of ACT Win to ACT Enterprise is now complete.

# SUPPORT INFORMATION



If you have any questions, please contact our Technical Competence Centre.  
Contact details can be found on our website.

**VANDERBILT**

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