

Installing the ASP.NET VETtrak API onto IIS 7 or Later

Installing	the VETtrak APIs onto IIS 7 or Later	3
1	Step 1- Install/Check IIS 7, 7.5, 8 or 8.5	3
	Windows Vista or Windows 7	3
	Windows 8 or 8.1	4
	Windows Server 2008	5
	Windows Server 2008 R2	6
	Windows Server 2012 or 2012 R2	7
2	Step 2 - Set Up and Configure VETtrak ASP.NET API	8
3	Step 3 - Adding an Application Pool	9
4	Step 4 - Add Application	11
5	Step 5 - Test that the VETtrak API is Accessible	13
6	Step 6 - Test the VETtrak Enrol API with the Test	
	Harness	

## 1 Installing the VETtrak APIs onto IIS 7 or Later

This document describes how to install the ASP.NET VETtrak APIs onto a Microsoft Internet Information Services 7 (on Windows Vista or Server 2008), 7.5 (on Windows 7 or Server 2008 R2), 8 or 8.1 (on Windows 8 or Server 2012) server, and how to configure it to run.

## 1.1 Step 1- Install/Check IIS 7, 7.5, 8 or 8.5

Ensure that the .NET Framework version 3.5, .NET Framework version 2.0 with at least Service Pack 2, and Internet Information Services (IIS) 7 or later is installed on the server machine. At a minimum, the IIS Management Console and ASP.NET components (which will automatically include its dependencies such as .NET Extensibility, ISAPI Extensions and ISAPI Filters) must be installed. Additional IIS features may be installed if desired, but are not required by the VETtrak APIs.

#### 1.1.1 Windows Vista or Windows 7

In Windows Vista / 7, IIS can be installed or the installation checked by going to *Start > Control Panel > Programs and Features > Turn Windows Features on or off*:

To turn a feature on, select its check box. To turn a feature o	ff clear its
check box. A filled box means that only part of the feature is	
Internet Information Services	
🗉 🔲 🚡 FTP Publishing Service	
🖃 🔳 📕 Web Management Tools	_
표 🔲 🎍 IIS 6 Management Compatibility	
🔽 🍶 IIS Management Console	
IS Management Scripts and Tools	
IS Management Service	
🖃 🔳 📕 World Wide Web Services	1
Application Development Features	
.NET Extensibility	
ASP ASP	
ASP.NET	1
CGI	
ISAPI Extensions	
ISAPI Filters	
Server-Side Includes	
E      E      Common Http Features     E       E	
Health and Diagnostics Ferformance Features	

4

## 1.1.2 Windows 8 or 8.1

In Windows 8 or 8.1, IIS can be installed or the installation checked by opening the Control Panel, then opening *Programs and Features* and clicking *Turn Windows features on or off*:

	Windows Features -		
Turn Windows fe	eatures on or off		0
	select its checkbox. To turn a feature off, clear its checkbox. A fill of the feature is turned on.	ed bo	ж
🕀 🛄 FTP Ser			^
🕀 🛄 IIS 6	anagement Tools 5 Management Compatibility Management Console		
💷 📔 IIS N	Management Console Management Scripts and Tools Management Service		
🖃 🔳 World V	Wide Web Services plication Development Features		
	.NET Extensibility 3.5 .NET Extensibility 4.5		
	Application Initialization ASP ASP.NET 3.5		
	ASP.NET 4.5 CGI		
	ISAPI Extensions ISAPI Filters		
	Server-Side Includes WebSocket Protocol		
🛨 🕁 🕁 Cor	nmon HTTP Features	Cano	:el

### 1.1.3 Windows Server 2008

In Windows Server 2008, IIS can be installed or the installation checked by going to *Start > Control Panel > Administrative Tools > Server Manager > Roles*, and adding or editing the *Web Server (IIS)* role:

Add Role Services		X
	le Services	
Role Services Confirmation	Select the role services to install for Web Server (IIS): Role services:	Description
		Description: ASP.NET provides a server side object
Progress Results	<ul> <li>Web Server (Installed)</li> <li>Common HTTP Features (Installed)</li> <li>Application Development (Installed)</li> <li>ASP.NET (Installed)</li> <li>NET Extensibility (Installed)</li> <li>ASP</li> <li>CGI</li> <li>ISAPI Filters (Installed)</li> <li>Server Side Includes</li> <li>Health and Diagnostics</li> <li>Security (Installed)</li> <li>Performance</li> <li>Management Tools (Installed)</li> <li>IIS Management Scripts and Tools</li> <li>Management Service</li> <li>IIS 6 Management Compatibility</li> <li>FTP Publishing Service</li> </ul>	ASP.NET provides a server side object oriented programming environment for building Web sites and Web applications using managed code. ASP.NET is not simply a new version of ASP. Having been entirely re- architected to provide a highly productive programming experience based on the .NET Framework, ASP.NET provides a robust infrastructure for building web applications.
	_ < Previous	Next > Install Cancel

#### 1.1.4 Windows Server 2008 R2

In Windows Server 2008 R2, IIS can be installed or the installation checked by going to *Start > Control Panel > Administrative Tools > Server Manager > Roles*, and adding or editing the Web Server (IIS) role:

Add Roles Wizard		×
Select Role S	ervices	
Before You Begin Server Roles Web Server (IIS) Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIS): Role services: Web Server Application Development Application Development NET Extensibility ASP CGI ISAPI Extensions ISAPI Filters Server Side Includes Health and Diagnostics Security Performance Management Tools IIS Management Console IIS Management Scripts and Tools Management Service IIS 6 Management Compatibility FTP Server IIS Hostable Web Core More about role services	Description: ASP.NET provides a server side object oriented programming environment for building Web sites and Web applications using managed code. ASP.NET is not simply a new version of ASP. Having been entirely re- architected to provide a highly productive programming experience based on the .NET Framework, ASP.NET provides a robust infrastructure for building web applications.
	< Previous	Next > Install Cancel

#### 1.1.5 Windows Server 2012 or 2012 R2

In Windows Server 2012 or 2012 R2, IIS can be installed by opening the Server Manager, going to the "Manage" menu, selecting "Add Roles and Features", and adding the Web Server (IIS) role. For details, refer to <a href="http://www.iis.net/learn/get-started/whats-new-in-iis-8/installing-iis-8-on-windows-server-2012">http://www.iis.net/learn/get-started/whats-new-in-iis-8/installing-iis-8-on-windows-server-2012</a>.

2	Add Roles and Features Wizard		_ <b>D</b> X
Select server roles	5		DESTINATION SERVER
Before You Begin	Select one or more roles to install on the selected server.		
Installation Type	Roles		Description
Server Selection Server Roles Features Confirmation Results	▶       ■ File and Storage Services (3 of 12 installed)         >       Hyper-V         >       Network Policy and Access Services         >       Print and Document Services         ■ Remote Access       Remote Desktop Services         >       Volume Activation Services         ■       Web Server (115) (20 of 43 installed)         ■       ■ Web Server (115) (20 of 43 installed)         >       ■ Common HTTP Features (5 of 6 installed)         >       ■ Common HTTP Features (2 of 6 installed)         >       ■ Common HTTP Features (5 of 6 installed)         >       ■ Feath and Diagnostics (2 of 6 installed)         >       ■ Security (4 of 9 installed)         >       ■ Security (4 of 9 installed)          ■ Meplication Development (5 of 11 installed)         ✓       .NET Extensibility 3.5 (Installed)          .NET Extensibility 4.5 (Installed)         _       .ASP         _       ASP.NET 4.5 (Installed)		Web application infrastructure.
	CGi ✓ ISAPI Extensions (Installed) ✓ ISAPI Filters (Installed) ✓ ISAPI Filters (Installed)	~	×
			< <u>Previous</u> <u>Next</u> > <u>Install</u> Cancel

## 1.2 Step 2 - Set Up and Configure VETtrak ASP.NET API

In order for the API to run, a valid registration key for the VETtrak API must be entered into the VETtrak database using the VETtrak software, in *File > Preferences > Registration Keys*.

Obtain the VETtrak ASP.NET API ZIP file from VETtrak support. This can be downloaded from the Downloads page in the Support Centre.

Before unzipping the ZIP file, right-click it and go to **Properties**. If there is an **Unblock** button on the **General** tab, saying that the file has come from the internet, click the U**nblock** button followed by **OK**.

Extract the contents of the VETtrakAPI folder from within the VETtrak ASP.NET API ZIP file to a new folder on the web server. It may be placed in a folder in the web root if desired, which by default is C:\inetpub\wwwroot.

Configure the API by editing the web.config file. This is an XML file that can be opened in a text editor. Find the <connectionStrings> element. Within this is an <add> element containing details of how to connect to the >database. The <add> element must contain the following three attributes:

- The name attribute must be "VETtrakDatabase".
- The providerName attribute must be set to "FirebirdSql.Data.FirebirdClient" if using a Firebird database, or "System.Data.SqlClient" if using a SQL Server database.
- The connectionString attribute is a standard connection string that defines the database server, database filename (for Firebird) or database name (for SQL server), and the database username and password. Examples follow.

The contents of the <u>connectionString</u> should be the same as VETtrak uses to connect to the database – view these in VETtrak by going to *File > Preferences > Database connection*.

Note that, once the VETtrak API application is set up in IIS, the connection string can be easily changed using the Connection Strings icon in the application in IIS Manager – however, the providerName can only be changed by editing the web.config file directly.

#### Firebird

If using a Firebird database, the add element and connection string should be in the format:

```
<add name="VETtrakDatabase" providerName="FirebirdSql.Data.FirebirdClient"
connectionString="User=<databaseUser>; Password=<databasePassword>;
Database=<pathAndFilenameOfDatabaseFileOnServer>;
DataSource=<serverNameOrIP>; Dialect=3;"/>
```

For example:

```
<add name="VETtrakDatabase" providerName="FirebirdSql.Data.FirebirdClient" connectionString="User=SYSDBA;Password=masterkey;Database=C:\Program Files \VETtrak\Data\VETtrak.gdb;DataSource=192.168.0.40;Dialect=3;"/>
```

The components of the connectionString are:

- User the Firebird username to connect to the database (not the username used to log into VETtrak). This
  is almost always "SYSDBA"
- Password the Firebird password to connect to the database (not the password used to log into VETtrak). This is almost always "masterkey"
- Database the full file path on the server to the database file (usually called VETtrak.gdb)
- Datasource the IP address or resolvable name of the server that is running Firebird and on which the database file is located
- Dialect leave this as "3"

#### SQL Server with SQL server authentication

If using a SQL Server database, with SQL server authentication, the add element and connection string should be in the format:

<add name="VETtrakDatabase" providerName="System.Data.SqlClient"

```
connectionString="Data Source=<serverNameOrIP>\<instanceName>;Initial
Catalog=<databaseName>;User Id=<databaseUser>;
Password=<databasePassword>;"/>
```

For example:

```
<add name="VETtrakDatabase" providerName="System.Data.SqlClient"
connectionString="Data Source=192.168.0.40\SQLEXPRESS;Initial
Catalog=VETtrak;User Id=sa;Password=sa;"/>
```

The components of the connectionString are:

- Datasource the IP address or resolvable name of the server that is running SQL Server, followed by a backslash and then the name of the SQL Server instance that contains the VETtrak database
- Initial Catalog the name of the VETtrak database on that server and instance
- User Id the SQL Server username to connect to the database (not the username used to log into VETtrak)
- Password the SQL Server password to connect to the database (not the password used to log into VETtrak)

#### SQL Server with Windows authentication

If using a SQL Server database, with Windows authentication, the add element and connection string should be in the format:

```
<add name="VETtrakDatabase" providerName="System.Data.SqlClient"
connectionString="Data Source=<serverNameOrIP>\<instanceName>;Initial
Catalog=<databaseName>;Integrated Security=true"/>
```

For example:

```
<add name="VETtrakDatabase" providerName="System.Data.SqlClient"
connectionString="Data Source=192.168.0.40\SQLEXPRESS;Initial
Catalog=VETtrak;Integrated Security=true"/>
```

The components of the connectionString are:

- Datasource the IP address or resolvable name of the server that is running SQL Server, followed by a backslash and then the name of the SQL Server instance that contains the VETtrak database
- Initial Catalog the name of the VETtrak database on that server and instance
- Integrated Security leave this as "true" to use Windows Authentication

For Windows Authentication to work, the account set for the application pool identity (in the application pool's advanced settings) must have access to the VETtrak SQL Server database.

## 1.3 Step 3 - Adding an Application Pool

Open the IIS Manager from Control Panel --> Administrative Tools --> Internet Information Services (IIS) Manager.

It is recommended that the APIs be set up as an Application running within its own Application Pool. This isolates the process and allows the APIs to be managed independently of other IIS applications running on the server.

To do this, in the IIS Manager, click on *Application Pools* in the tree in the left panel, and click *Add Application Pool* on the right.

9

#### Installing the ASP.NET VETtrak API onto IIS 7 or Later

Internet Information Services (IIS)	Manager			-		and the second second	
Э > ПСНУ > Арр	lication Pools						🐱 🗟 🔞 •
File View Help							
Connections	Applicat This page lets you vie worker processes, con Filter: Name DefaultAppPool	w and man stain one or	age the list of a more application	ons, and provide iso w All   Group by:	blation among differen	n pools are associated with nt applications. Applications 1	Actions Add Application Pool Set Application Pool Defaults Help Online Help
Ready	Features View	Content Vie	w				 •

In the Add Application Pool window, enter the following, followed by OK:

• Name: VETtrakAPIPool

10

- .NET Framework version: A version starting with ".NET Framework v2"
- Managed pipeline mode: Integrated
- Start application pool immediately: Ticked

– VETtrakAPIPoo	1	
NET <u>F</u> ramewor	rk version:	
NET Framewo	rk v2.0.50727	
<u>M</u> anaged pipel	ine mode:	
Integrated	<b>*</b> ]	

This will add the Application Pool to the IIS Manager:

🕖 🕗 🕼 🕨 ПСНУ 🕨 Ар	plication Pools								2
ile <u>V</u> iew <u>H</u> elp									
Connections	Application	manage the list				ciated with worker		tions Add Application Pool Set Application Pool Defaults	
			1.6	oup by: No Groupin	1.276		1.1	Application Pool Tasks Start	
	Name	Status	.NET Fram	Managed Pipel	Identity	Applications		Stop	
	DefaultAppPool	Started	v2.0	Integrated	NetworkService	5	2	Recycle	
	2 VETtrakAPIPool	Started	v2.0	Integrated	ApplicationPoolIdentity	0		Edit Application Pool Basic Settings Recycling Advanced Settings Rename	
							×	Remove	
								View Applications	
	Features View Content	t View					0	Help Online Help	

## 1.4 Step 4 - Add Application

In the left tree panel, under *Sites*, find the web site to add the VETtrak APIs to, such as the *Default Web Site* (a new web site may be created first if desired). Right-click on this web site and click *Add Application*. Note that if the VETtrak APIs were copied to a folder under the web root, it will already appear as a folder under the web site (you may need to refresh in order to see it) – in this case, instead of adding the application, right-click on the folder and select *Convert to Application*.

	СНУ	Sites      Default Web Site	•	
File View Help	_			
Connections		Default	Web Site Home	Actions
<u>a</u>			web site nome	Scholar Explore
A ITCHY (Itchy\Ad		Group by: Area	- 110 -	Edit Permissions
- Application F	ools	IIS		Edit Site
⊿ Sites ▲ Oefault W	leh Site			Bindings
U Derudute 1	2	Explore	, 🔊 省 🔋 🍺 🛋	Basic Settings
		Edit Permissions	d Handler HTTP Logging MIME Types Modules	View Applications
	2	Add Application	Tra Mappings Respon	View Virtual Directories
		Add Virtual Directory	J	Manage Web Site
	(E)-1	2.4.4.4	ings	2 Restart
		Edit Bindings		Start
		Manage Web Site		Stop
	-	Refresh	-	Browse Web Site
	×	Remove		Browse *:80 (http)
		Rename		Advanced Settings
		Nename	ontent View	Configure

In the Add Application window, enter the following, and click OK:

- Alias: This is what the URL to the APIs will be. This can be whatever you want. For the purposes of this
  document, we will use "VETtrakAPI"
- Application pool: Click the Select button and choose the VETtrakAPIPool application pool from the list
- **Physical path:** Use the ... button to browse for and select the folder into which the VETtrak API ZIP was extracted. For the purposes of this document, a path of "C:\VETtrakAPI" is used

#### Installing the ASP.NET VETtrak API onto IIS 7 or Later

12

Site name: Default Web Sit Path: /	e	
Alias:	Application pool:	
VETtrakAPI	VETtrakAPIPool	Select
Example: sales Physical path:		
C:\VETtrakAPI		
Pass-through authentication	tings	

Within the new application, click the *Content View* button at the bottom to ensure you can see the asmx file(s) for the API(s) you have, the web.config file and the bin folder containing the DLLs.

Carl Internet Information Services (IIS)	) Manager	et fam the free	
G → ITCHY → Site	es 🕨 Default Web Site 🕨 VETtrakAPI 🛛		🖸 💌 🟠 🔞 •
File View Help			
Connections	/VETtrakAPI Conte	ent	Actions           P         'VETtrakAPI' Tasks
ITCHY (Itchy\Admin)     Application Pools	Filter: • 🎧 Go	- 🔄 Show All   Group by: No Grouping -	Application
⊿ isites	Name	Туре	Switch to Features View
Default Web Site           Image: Web Site           Image: Web Site           Image: Web Site           Image: Web Site	💼 bin 🕋 DatabaseMapping.xml	File Folder XML Document	Explore Edit Permissions
	量 VT_API.asmx 國 Web.config	ASP.NET Web Service Borland Developer Studio Config File	<ul> <li>Add Application</li> <li>Add Virtual Directory</li> </ul>
			Manage Application
			Browse
			Advanced Settings
			Refresh
			X Remove
			😧 Help
	📰 Features View 📑 Content View		Online Help
Ready			61

# 1.5 Step 5 - Test that the VETtrak API is Accessible

To test that the API is accessible, open an Internet Explorer browser, and enter the URL for the API:

http://host name/application name/VT API.asmx

eg. For the example used in this document, the URL for the API will be:

http://localhost/VETtrakAPI/VT\_API.asmx

If everything is set up correctly, a service information page should appear, like the following:

Image: Second Secon	3
VT_API	-
The following operations are supported. For a formal definition, please review the Service Description.	4
API Handshake     Checks the connection to the API	
AddClient Creates a new client with the specified surname and given name	
AddClientAfterCheck     Checks whether a client with the specified surname, given name and date of birth exists, and adds it if it doesn't exist	
AddClientEvent Adds a new client event	
AddClientWebEnrolment Enrols a client with the specified details into a new web enrolment linked to the specified occurrence ID	
AddClientWebReservation Reserves a client with the specified details into the specified occurrence ID	
AddClientWebWaitlist     Adds a client to a waitlist for a programme	
AddContactToEmployer     Attaches an existing client as a new contact for an employer	
AddEmployerEvent Adds a new employer event	
AddEmployerWebEnrolment     Enrols an employer with the specified details into a new web enrolment linked to the specified occurrence ID. Employees could then be added to this web     enrolment	
AddEmployerWebReservation     Reserves an employer with the specified details into the specified occurrence ID. Employees could then be added to this web reservation	
AddLMSClientEnrolmentToOccurrence Enrols the client with the specified code into the LMS-enabled occurrence with the specified ID	
AddLooseWebEmployer Creates a 'Loose' employer with the specified details for further use	-

14

Click on the Service Description link to view the web service definition XML (WSDL):

	- 0 <b>X</b>
$\bigcirc \bigcirc \bigcirc \land \land$	命余態
	00 12 00
xml version="1.0" encoding="UTF-8"?	
<wsdl:definitions <="" td="" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"><td></td></wsdl:definitions>	
targetNamespace="http://www.ozsoft.com.au/VETtrak/api/complete"	
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/" xmlns:http="http://schemas.xmlsoap.org/wsdl/http/	0
xmlns:tm="http://microsoft.com/wsdl/mime/textMatching/" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/	
xmlns:tns="http://www.ozsoft.com.au/VETtrak/api/complete" xmlns:mime="http://schemas.xmlsoap.org/wsdl/min	
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" xmlns:s="http://www.w3.org/2001/XMLSchema">	
- <wsdl:types></wsdl:types>	
- <s:schema <="" elementformdefault="qualified" p="" targetnamespace="http://www.ozsoft.com.au/VETtrak/api/complete"></s:schema>	">
<ul> <li><s:element name="GetWaitlistProgrammeTypes"></s:element></li> </ul>	
- <s:complextype></s:complextype>	
- <s:sequence></s:sequence>	
<s:element maxoccurs="1" minoccurs="0" name="token" type="s:string"></s:element>	
<ul> <li><s:element name="GetWaitlistProgrammeTypesResponse"></s:element></li> </ul>	
- <s:complextype></s:complextype>	
- <s:sequence></s:sequence>	
<s:element <="" maxoccurs="1" name="GetWaitlistProgrammeTypesResult" td="" type="tns:TAuthPrgtList"><td></td></s:element>	
minOccurs="0"/>	
- <s:complextype name="TAuthPrgtList"></s:complextype>	
- <s:complexcontent mixed="false"></s:complexcontent>	
- <s:extension base="tns:ReferenceListBaseOfTPrgt"></s:extension>	
- <s:sequence></s:sequence>	
<pre><s:element maxoccurs="1" minoccurs="0" name="PrgtList" type="tns:ArrayOfTPrgt"></s:element></pre>	
- <s:complextype abstract="true" name="ReferenceListBaseOfTPrgt"></s:complextype>	
- <s:sequence> <s:element maxoccurs="1" minoccurs="0" name="Auth" type="tns:TAuthenticate"></s:element></s:sequence>	
<pre></pre>	
"	4

To test the API's connectivity to the database, back on the **Service Information** page, click the **DB\_Handshake** link in the list:

(	6 🗘 😳
VT_API	<u> </u>
Click <u>here</u> for a complete list of operations.	
DB_Handshake	
Checks the connection to the VETtrak database via the API	
Test	=
To test the operation using the HTTP POST protocol, click the 'Invoke' button.	
Invoke	
SOAP 1.1	
The following is a sample SOAP 1.1 request and response. The placeholders shown need to be replaced with actual values.	
<pre>POST /JamesAPI/VT_API.asmx HTTP/1.1 Host: localhost</pre>	
xml version="1.0" encoding="utf-8"? <soap:envelope api="" complete"="" http:="" vettrak="" www.ozsoft.com.au="" xmlns:xsd="http://www.w3.org/2001/XML&lt;br&gt;&lt;soap:Body&gt;&lt;br&gt;&lt;/Bandshake xmlns=" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"></soap:envelope>  	Schema" xmlr
HTTP/1.1 200 OK Content-Type: text/xml; charset=utf-8 Content-Length: length	
<pre><?xml version="1.0" encoding="utf-8"?> <soap:envelope api="" complete"="" http:="" vettrak="" www.ozsoft.com.au="" xmlns:xsd="http://www.w3.org/2001/XML &lt;soap:Body&gt; &lt;DB_HandshakeResponse xmlns=" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <db_handshakeresponse xmlns="http://www.ozsoft.com.au/VETtrak/api/complete"> </db_handshakeresponse></soap:envelope></pre>	Schema" xmlr
۲	•

16

Then click the *Invoke* button (by default, this button will only appear when using a browser on the same machine the API is installed on, but this can be changed in the web.config file). The result should be an XML string with a success message:



If the result is an error message, review the error and correct the connection string in the web.config file.

## 1.6 Step 6 - Test the VETtrak Enrol API with the Test Harness

You can use a test harness program to make web service calls to the API. With this, you can ensure that SOAP calls to the API are working correctly.

To use the VETtrak API test harness, copy the VETtrakAPITestHarness.exe and

**VETtrakAPITestHarness.exe**.config files from the VETtrakAPITestHarness folder in the VETtrak ASP.NET API ZIP file to a new folder (preferably on a different machine, which must have .NET Framework 3.5 installed).



Double-click the VETtrakAPITestHarness.exe to run it.

VETtrak API Test Harness					
Connection Server address (eg. http://192.168.1.1/VET http://localhost/VETtrakAPI/VT_API.asmx Usemame Password vettrak trakker Authenticate Retrieved Data Start Date Retrieved Data	Token	Init OK	10:58:08 GetLocations: Rei 10:58:13 GetClientExtended		nt types etails for client code 00525. classes. 45 units. 12 events.
1/01/1900 🗐 🔻 31/12/2100					
Web Enrol Client Staff Employer L	MS Occurrence	Qualification Re	ference Query Da	ta SMS	
Client Code 00525 Retriev	ve Client		Gi	ven Test	Sumame Person
Find Create Details AVETMISS E	nrolments Contra	acts Awards C	lasses/Attendance	Units/Results Eve	ents Staff Invoices Tasks
Title Given name Su	mame	Other nan	ne	Gender	Update additional data
Mr Test Pe	erson			M 👻	*
Date of Birth Email			cy Contact Name		
		Mr Blogg	s		
Mobile phone Home phone Work p			cy Phone	Address Type	
0400112233 0366554433 03112	23344	0399887	/66	Normal -	
Residential address		Postal address			
Address		Address			
25 There St	31 Here St				
City Postcode		City		de State	
Rouse Hill 2155	NSW 🔻	Rouse Hill	2155	NSW -	
Employer Identifier Position	Commenced	Last a	ssessed Ter	minated	
35 Operations Manage	r 🔻 🔲 24/10/2	2012 👻 📃 24	/10/2012 👻 🔲	24/10/2012 -	
Visa Number Visa Type	Visa Expiry	·	ort number Sal	ary	
	- 24/10/2	012 👻	0		Ψ.
				Update	Build XML
Username Password			_		
ahmd1 3S3vxX	Update use	emame/password			Update

In the **Server address** field, enter the URL of the VT\_API.asmx. If you are running the test harness on the same machine the API is installed on, this will be the same URL that was used in step 5. Click the **Initialise** button. If this is successful, the button will change to **Init OK**.

Enter the Username and Password to access VETtrak (such as the default vettrak/trakker), and click the *Authenticate* button. If successful, a token appears.

The other tabs and buttons can then be used to test various functions in the API. This includes:

- The *Web Enrol* tab for online enrolments, including loading and viewing web programmes and occurrences, creating and updating clients and employer web enrolments, and recording payments
- The *Client*, *Staff* and *Employer* tabs for portals functionality, including viewing various details of clients, staff members and employers, and updating some details
- The LMS Occurrence tab for LMS integration functionality, such as viewing and updating details of LMS published occurrences and enrolments

17