

Pension Schemes Online

How to use the Test Services

Change History

This document was originally published in 2005. Following a review of the document in April 2012 the version was reset to 1.0.

1. About this document

This document is a step by step guide on how to use the testing services and to provide assistance in the production of software for the submission of Pension Scheme Service forms and returns over the Internet.

2. Third Party Validation Service (TPVS)

The first service is the Third Party Validation Service (TPVS). This performs validation on the 'Body' of the submission against the schema and the business rules.

Responses will be returned based on the outcome of your submission indicating if the submission has passed or failed validation. Remember that if you send submissions direct to the TPVS site, the service will not do a full validation on the GovTalkHeader.

3. Vendor Single Integrated Proving Service (VSIPS)

The second service is the Vendor Single Integrated Proving Service (VSIPS). This allows software developers to submit test cases through the Government Gateway Test Site to the HM Revenue & Customs TPVS site, mirroring the 'live' citizen Internet Service.

The service initially validates the GovTalk Header against the GovTalk schema. The test submission is then automatically routed to the TPVS service where the <Body> of the submission will be validated against the schemas and the business rules applied.

You must use this test service if you wish to apply for recognition of your product. You must ensure that any XML documents you are submitting have been created in accordance with the most up to date schema and relate to the latest tax year supported by the test services. Further information can be obtained from the SDS Team.

Upon completion of your testing you can apply for HM Revenue & Customs recognition for your product and if successful your product details will be published on the HM Revenue & Customs website. Further information regarding requirements for recognition of your product can be obtained from the SDS Team.

4. Getting started

4.1 - Download the technical pack, which has been zipped for easier download.

4.2 - Contact the Software Developers Support Team (SDS Team) on Tel 01274 539666 or mail to sdsteam@hmrc.gsi.gov.uk. Your details will be registered and you will be provided with a unique 4 digit 'VendorID' and the credentials necessary to access the test service, once it is available.

4.3 - SDS Team will tell you when the test services for each form are available for you to test against.

4.4 - When you are ready to test your product, you should arrange to upload your XML messages to the test sites. A sample VB Injector Tool is currently available. Please email us at sdsteam@hmrc.gsi.gov.uk if you would like a copy. This tool demonstrates how an application can use the Government Gateway to send and receive messages over the Internet.

4.5 - In order for us to provide you with feedback and support, you must include your 4 digit Vendor ID within the <URI> element in your XML messages. You should also use the <Product> and <Version> tags to identify different products provided.

4.6 Test Submissions to TPVS

Users can submit XML messages to the Pension Schemes Online system in two roles, Pension Scheme Administrator and Pension Practitioner. The URLs for Test submissions to TPVS for each form and role are detailed below:		
Accounting For Tax	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AccountingForTax
Accounting For Tax	Practitioner	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/AccountingForTax
Add Scheme Administrator	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AddSchemeAdministrator
Amend Scheme Details	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AmendSchemeDetails
Amend Scheme Details	Practitioner	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/AmendSchemeDetails
Associate Scheme Administrator	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AssociateSchemeAdministrator
Change of Scheme Administrator or Practitioner Details	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/ChangeSchemeAdministratorPractitionerDetails
Change of Scheme Administrator or Practitioner Details	Practitioner	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/ChangeSchemeAdministratorPractitionerDetails
Event Report	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/EventReport
Event Report	Practitioner	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/EventReport
Pension Scheme Return	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PensionSchemeReturn
Pension Scheme Return	Practitioner	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/PensionSchemeReturn
Register New Scheme	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/RegisterNewScheme
Relief at source	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/ReliefAtSource
Relief at source	Practitioner	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/ReliefAtSource
Practitioner Authorisation	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PractitionerAuthorisation
Practitioner De Authorisation	Scheme Administrator	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PractitionerDeAuthorisation
Practitioner De Authorisation	Practitioner	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/PractitionerDeAuthorisation

4.7 - Test submissions to VSIPS should be made to the following URL:

<https://secure.dev.gateway.gov.uk/submission>

Please use the unique Vendor ID when submitting test messages through VSIPS. To send cases through VSIPS, the credentials should be included in the submission as follows:

<SenderID>	As advised by SDS team for test submissions
<Value>	As advised by SDS team for test submissions
<Keys>	As advised by SDS team for test submissions
<URI>	Your 4 digit Vendor ID

5. Response messages

The test service accurately reflects the validation applied to messages during the transmission process. You will receive all of the messages that you would expect in the live service.

In live a number of checks will be made against the data held in the Pension Schemes online service. These are defined in the Response Messages Catalogue held in the technical pack. TPVS or VSIPS will not check these messages because they are not linked to back end services but you will need to take them into account when designing your product.

6. Other Useful Information

6.1 - The URL for submissions to the live Internet service for pension schemes is:

<https://secure.gateway.gov.uk/submission>

6.2 - **Correlation ID** –The correlation ID should be empty when submitting to TPVS, however it will not fail if the correlation ID contains a value. If you do include a value in this field and then repeat it, you will receive an error message. A submission to VSIPS where the correlation ID contains anything other than an empty element will fail.

6.3 -Technical Pack Updates

All developers who have registered with the SDS Team will be advised by email of any updates to the technical pack. Where possible, the version numbers and version dates are clearly shown on each document. However, please check the website regularly to ensure that you are working to the most up to date versions available.

6.4 - XML validation

To assist in your development we strongly recommend that you use a commercially available XML editing and Validation tool.

7. Contact points and level of support provided

The SDS Team is your main point of contact during the development and testing of your product. We provide the following services to software developers:

- Issuing Vendor ID's and testing credentials
- Dealing with enquiries relating to the schema and validation rules
- Feedback and advice during testing
- Assistance with product recognition

We can be contacted on:

- Tel: 01274 539666
- Email: sdsteam@hmrc.gsi.gov.uk

Opening hours: Monday to Friday 09:00 - 17:00

General customer and user enquiries relating to the Live Internet services should be directed to the Online Services Helpdesk who can be contacted as follows:

- Tel: 0845 60 55 999
- Overseas Caller Tel: +44 161 930 8445
- Email: helpdesk@ir-efile.gov.uk

Opening hours:

- Monday to Friday 08:00am - 20:00pm
- Saturdays 08:00am - 16:00pm

(Closed Sundays, Christmas Day, Boxing Day and New Year's Day)

Appendix A Tests to TPVS

Form	<Keys>	<Class>	<GatewayTest>	<TestMessage>	TPVS URL
Accounting For Tax	PSAID	HMRC-PSA-ACCT-TAX	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AccountingForTax
Accounting For Tax	PPID	HMRC-PP-ACCT-TAX	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/AccountingForTax
Add Scheme Administrator	PSAID	HMRC-PSA-ADD-SCHA	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AddSchemeAdministrator
Amend Scheme Details	PSAID	HMRC-PSA-MAINT-SCM	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AmendSchemeDetails
Amend Scheme Details	PPID	HMRC-PP-MAINT-SCM	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/AmendSchemeDetails
Associate Scheme Administrator	PSAID	HMRC-PSA-ASSC-SA	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AssociateSchemeAdministrator
Change Scheme Administrator or Practitioner details	PSAID	HMRC-PSA-AMD-DETS	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/ChangeSchemeAdministratorPractitionerDetails
Change Scheme Administrator or Practitioner details	PPID	HMRC-PP-AMD-DETS	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/ChangeSchemeAdministratorPractitionerDetails
Event Report	PSAID	HMRC-PSA-EVNT-REP	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/EventReport
Event Report	PPID	HMRC-PP-EVNT-REP	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/EventReport
Pension Scheme Return	PSAID	HMRC-PSA-RET	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PensionSchemeReturn
Pension Scheme Return	PPID	HMRC-PP-RET	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/PensionSchemeReturn
Register a Pension Scheme	PSAID	HMRC-PSA-REG	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/RegisterNewScheme
Relief at Source	PSAID	HMRC-PSA-RAS	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/ReliefAtSource
Relief at Source	PPID	HMRC-PP-RAS	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/ReliefAtSource
Practitioner Authorisation	PSAID	HMRC-PSA-PRAC-AUTH	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PractitionerAuthorisation
Practitioner DeAuthorisation	PSAID	HMRC-PSA-PRAC-DEAUTH	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PractitionerDeAuthorisation
Practitioner DeAuthorisation	PPID	HMRC-PP-PRAC-DEAUTH	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/PractitionerDeAuthorisation

Appendix B Tests to VSIPS

Form	<Keys>	<Class>	<GatewayTest>	<TestMessage>	TPVS URL
Accounting For Tax	PSAID	HMRC-PSA-ACCT-TAX	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AccountingForTax
Accounting For Tax	PPID	HMRC-PP-ACCT-TAX	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/AccountingForTax
Add Scheme Administrator	PSAID	HMRC-PSA-ADD-SCHA	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AddSchemeAdministrator
Amend Scheme Details	PSAID	HMRC-PSA-MAINT-SCM	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AmendSchemeDetails
Amend Scheme Details	PPID	HMRC-PP-MAINT-SCM	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/AmendSchemeDetails
Associate Scheme Administrator	PSAID	HMRC-PSA-ASSC-SA	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/AssociateSchemeAdministrator
Change Scheme Administrator or Practitioner details	PSAID	HMRC-PSA-AMD-DETS	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/ChangeSchemeAdministratorPractitionerDetails
Change Scheme Administrator or Practitioner details	PPID	HMRC-PP-AMD-DETS	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/ChangeSchemeAdministratorPractitionerDetails
Event Report	PSAID	HMRC-PSA-EVNT-REP	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/EventReport
Event Report	PPID	HMRC-PP-EVNT-REP	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/EventReport
Pension Scheme Return	PSAID	HMRC-PSA-RET	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PensionSchemeReturn
Pension Scheme Return	PPID	HMRC-PP-RET	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/PensionSchemeReturn
Register a Pension Scheme	PSAID	HMRC-PSA-REG	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/RegisterNewScheme
Relief at Source	PSAID	HMRC-PSA-RAS	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/ReliefAtSource
Relief at Source	PPID	HMRC-PP-RAS	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/ReliefAtSource
Practitioner Authorisation	PSAID	HMRC-PSA-PRAC-AUTH	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PractitionerAuthorisation
Practitioner DeAuthorisation	PSAID	HMRC-PSA-PRAC-DEAUTH	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PSA/PractitionerDeAuthorisation
Practitioner DeAuthorisation	PPID	HMRC-PP-PRAC-DEAUTH	1	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/PractitionerDeAuthorisation

Appendix C Live Submissions

Form	<Keys>	<Class>	<GatewayTest>	<TestMessage>	TPVS URL
Accounting For Tax	PSAID	HMRC-PSA-ACCT-TAX	0	0	https://secure.dev.gateway.gov.uk/submission
Accounting For Tax	PPID	HMRC-PP-ACCT-TAX	0	0	https://secure.dev.gateway.gov.uk/submission
Add Scheme Administrator	PSAID	HMRC-PSA-ADD-SCHA	0	0	https://secure.dev.gateway.gov.uk/submission
Amend Scheme Details	PSAID	HMRC-PSA-MAINT-SCM	0	0	https://secure.dev.gateway.gov.uk/submission
Amend Scheme Details	PPID	HMRC-PP-MAINT-SCM	0	0	https://secure.dev.gateway.gov.uk/submission
Associate Scheme Administrator	PSAID	HMRC-PSA-ASSC-SA	0	0	https://secure.dev.gateway.gov.uk/submission
Change Scheme Administrator or Practitioner details	PSAID	HMRC-PSA-AMD-DETS	0	0	https://secure.dev.gateway.gov.uk/submission
Change Scheme Administrator or Practitioner details	PPID	HMRC-PP-AMD-DETS	0	0	https://secure.dev.gateway.gov.uk/submission
Event Report	PSAID	HMRC-PSA-EVNT-REP	0	0	https://secure.dev.gateway.gov.uk/submission
Event Report	PPID	HMRC-PP-EVNT-REP	0	0	https://secure.dev.gateway.gov.uk/submission
Pension Scheme Return	PSAID	HMRC-PSA-RET	0	0	https://secure.dev.gateway.gov.uk/submission
Pension Scheme Return	PPID	HMRC-PP-RET	0	0	https://secure.dev.gateway.gov.uk/submission
Register a Pension Scheme	PSAID	HMRC-PSA-REG	0	0	https://secure.dev.gateway.gov.uk/submission
Relief at Source	PSAID	HMRC-PSA-RAS	0	0	https://secure.dev.gateway.gov.uk/submission
Relief at Source	PPID	HMRC-PP-RAS	0	0	https://secure.dev.gateway.gov.uk/submission
Practitioner Authorisation	PSAID	HMRC-PSA-PRAC-AUTH	0	0	https://secure.dev.gateway.gov.uk/submission
Practitioner DeAuthorisation	PSAID	HMRC-PSA-PRAC-DEAUTH	0	0	https://secure.dev.gateway.gov.uk/submission
Practitioner DeAuthorisation	PPID	HMRC-PP-PRAC-DEAUTH	0	0	https://www.tpvs.hmrc.gov.uk/pensionschemes/PP/PractitionerDeAuthorisation