The Web Certification system

- Built by The Open Group to automate certification
- It is a workflow system
- Guides applicants thru the process needed to register a product for certification
- Checks and validates input as you, the applicant, progress
Where it is...

http://get posixcertified.ieee.org
Note well...

- Some of these slides use a demonstration version of the system on a different URL, all information is fictitious.
- This is not an exhaustive walk through of the capabilities of the system but an overview.
- You need to obtain an Open Group web account, register your company and be accepted prior to being enabled to register products.
Welcome to the POSIX Certification web site

The POSIX® Certified by IEEE and The Open Group certification program is a voluntary program, but is required of suppliers who wish to use the POSIX® trademark. Certification is open to any product meeting the conformance requirements. Once a supplier has achieved certification for a product, they are permitted to use the trademark in connection with that product.

The POSIX® Certified by IEEE and The Open Group certification program is administered on behalf of the IEEE and The Open Group by its designated Certification Authority, The Open Group. IEEE is the designated trademark licensing authority for the program.

The following table defines the conformance requirements against which products can currently be certified:

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003.1™-2003 Base</td>
<td>1003.1™-2003 Base certification is for platforms providing services that conform to IEEE Std 1003.1-2001 (also known as POSIX 1003.1). This is a rich multi-user, multiprocess environment supporting interactive users.</td>
</tr>
<tr>
<td>PSE54 Multipurpose Realtime 1003.13™-2003 System</td>
<td>PSE54 Multipurpose Realtime 1003.13™-2003 System certification is for operating system environments providing realtime services based on IEEE Std 1003.13 Profile PSE54. This supports applications portability at the source code level and includes the provision of a standard operating system interface and environment, including a full file system implemetation and support for multiple users.</td>
</tr>
<tr>
<td>PSE52 Realtime Controller 1003.13™-2003 System (Coming soon)</td>
<td>PSE52 Realtime Controller 1003.13™-2003 System certification is for embedded operating system environments providing realtime services based on IEEE Std 1003.13 Profile PSE52. This supports applications portability at the source code level and includes the provision of a standard operating system interface and environment, which includes a simple file system implementation, one implicit process with threads support.</td>
</tr>
</tbody>
</table>
Information

- All program documentation available from the front page including help and faqs
- Login information in the top left hand navigation bar
- All transactions are via the secure web server
- For this demo we have already registered a user as the technical contact for a company that has been accepted into the program
Help for New Users - Creating a New Company Account in order to Login

A company account needs to be established once in order to submit products for certification. There are a number of roles designated within a company account, the authorized signatory, technical contact, alternate technical contact, finance contact and marketing contact. It is the technical and alternate technical contacts that enter the system for product registration.

To register a product, you must already be registered as the designated Technical or Alternate contact for a company that has applied and been accepted into the program (see below). Please take the following steps to register your company and its contacts (you need only do this once for your company) :-

1. Firstly you need a username & password to register your company, so if you don't yet have one please obtain one from The Open Group's secure web site. After you have created your personal account you should receive confirmation by email of your login and password details. If you already have an account you can proceed immediately to create a New Company Account.
2. Next you will need to enter your company name and accept the terms and conditions of the POSIX Certification program for entry into the system.
3. To register your company, you need to provide information about your company (name, place of incorporation, address) and specify the name and contact information for the following contacts:
   - The Authorized Signatory who will authorize your company's registration. The Authorized Signatory must be someone
Online User Guide

POSIX® Certified by IEEE and The Open Group

The Guide to the Program

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Issue 1.03, January 25 2005

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   2.3 Informal Testing
   2.4 Certification
   2.5 The POSIX Trademark License Agreement (TMLA)
   2.6 The Certification Agreement
   2.7 The Test Suite Agreement
Connecting to the Secure Site (1)

Welcome to the POSIX Certification web site

POSIX® Certified by IEEE and The Open Group is for products else where in these pages the title may be shortened to “POSIX Certified”. The following three documents should be read and understood during that process:
Connecting to the Secure Site (1)

The Certification Authority provides a web based certification system through which products can be submitted for certification. This is the initial entry point.

Prior to submitting products for certification within the Web Certification system you are recommended to browse the Web Certification primer presentation.

The next step is to select “Proceed to Secure Web Site” below to switch to the secure web server.

Please note that when you enter the secure web site your browser may warn you that the site name associated with the SSL certificate (www.opengroup.org) does not match the expected name (get posixcertified.ieee.org). This is due to the fact that the services are being provided from The Open Group secure web server. Please disregard the message and select the proceed option on your browser, if present, or accept the certificate.
Verifying the SSL Certificate

The Certification Authority provides a web based certification system through which products can be submitted for certification. This is the initial entry point.

Prior to submitting products for certification within the Web Certification system you are recommended to browse the Web Certification primer presentation.

The next step is to select "Proceed to Secure Web Site" below to switch to the secure web server.

[Proceed to Secure Web Site]

Please note that when you enter the secure web site your browser may warn you that the site name associated with the SSL certificate (www.opengroup.org) does not match the expected name (getposixcertified.ieee.org). This is due to the fact that the services are being provided from The Open Group secure web server. Please disregard the message and select the proceed option on your browser, if present, or accept the certificate.
Connecting to the SSL server

Connected to SSL Server but NOT LOGGED IN

- Login [help]
  (technical/alternate contacts)

- New user
- New Company Account
  (requires a valid user account)

- Forgotten Password?
- Help
Login

Connected to SSL Server but NOT LOGGED IN

» Login [help]
  (technical/alternate contacts)

» New user
  » New Company Account
  (requires a valid user account)

» Forgotten Password?
  » Help

Certified Products

» Certification Register

Enter Network Password

Please type your user name and password.

Site: get.posixcertified.ieee.org

Realm: The Open Group

User Name: [blank]

Password: [blank]

Save this password in your password list

OK Cancel
Logged in

You are here: POSIX Certification (DEMO) > Logged in

Welcome You Nix from Main Operators.

At present, you have 1 product fully certified for the certification program and 8 other products entered in the system.

Click on the large Home Logo to go to your company home page where you can register products and check on the status of your products that are in the process of being certified.

Quick Links

- Start a New Registration
- Go to your Renewals Summary
- Go to your Home Page

If you are a new user please read the Navigation Tips and Help web page which gives tips on the conventions for use and navigation within this system.
Navigation via Logos

- The large *Home* Logo takes you to your home page where a summary of all product registrations are given.
- The *Logged In* page has “Quick Links” for frequent tasks.
- The small *Next* Logo takes you to the next step within a product registration.
Navigation Logos

- The large Home Logo takes you to your home registration page which contains a summary of all your company related registration information.
Select the *Next* Logo…

- Guides the applicant through the suggested next step within a product registration.
The Home page

- Summarizes all activity
  - Certified Products
  - Commence a new registration
  - Renewals, renaming
  - Product submissions in progress
  - Company registration status
    - Contacts and company information
  - TMLA Status
### Certified Products (listed on the Public Certification Register):

The columns below provide links to the product information, the company's URL if any, and the product's Conformance Statement, respectively.

<table>
<thead>
<tr>
<th>Product</th>
<th>Company</th>
<th>Product Standard</th>
<th>Certification Level</th>
<th>POSIX®</th>
<th>First Registered</th>
<th>Renewal</th>
<th>Conformance Statement</th>
</tr>
</thead>
</table>

### New Product Registration

Enter a new product's details to submit a new product registration.

### Renewals, Certified Product Updates and Re-branding:

To register a product which is a re-branded version of an existing certified product or to renew or request updates to an existing certified product, please use the Renewals and Certified Products Update page.

### Product Level Certification Status:

The Home Page cont’d

You are here: POSIX Certification (DEMO) > Logged In > User status

This is your company home page for certification. Please see the foot of the page for your registration status.

Certified Products (listed on the Public Certification Register):

The columns below provide links to the product information, the company's URL, if any, and the product's Conformance Statement, respectively. Clicking on a heading or arrow head will sort that column.

There are 1 products

POSIX 1003.1-2003

<table>
<thead>
<tr>
<th>Product</th>
<th>Company</th>
<th>Product Standard</th>
<th>Certification Level (tag)</th>
<th>POSIX® (tag)</th>
<th>First Registered</th>
<th>Renewal</th>
<th>Conformance Statement</th>
</tr>
</thead>
</table>

New Product Registration

Enter a new product’s details? : start a new product registration

Renewals, Certified Product Updates and Re-branding:

To register a product which is a re-branded version of an existing certified product or to renew or request updates to an existing certified product, please use the Renewals and Certified Products Update page.
The Home Page cont’d

Product level certification status:

For your products that are in the process of being registered:
Click the **Product name** link to check on, update the product details, or delete the product.
Click the **NEXT** button to identify the next step in the registration process.
Click any date to view or process the uploaded file.

Once a product registration has been submitted it is marked Frozen. Products that have been frozen cannot be deleted or modified, the uploaded files can be displayed but not modified.

### 1003.1-2003 Base Product Standard

<table>
<thead>
<tr>
<th>Product name</th>
<th>Regn.ID</th>
<th>Conformance Statement</th>
<th>POSIX Conformance Document Registration</th>
<th>Reg. update</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submitted</td>
<td></td>
<td>Checked 14-Oct-2003</td>
<td>Checked</td>
<td>Ack. Signed</td>
</tr>
</tbody>
</table>

### 1003.1-2003 Shell and Utilities Product Standard (Product Family)

<table>
<thead>
<tr>
<th>Product name</th>
<th>Regn.ID</th>
<th>Conformance Statement</th>
<th>VSC license</th>
<th>VSC test journal</th>
<th>second VSC test journal</th>
<th>Registration Reg. update</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Expires 07-Jan-2004</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## 1003.1-2003 System Interfaces Product Standard

(Platform Specific)

<table>
<thead>
<tr>
<th>Product name</th>
<th>Regn.ID</th>
<th>Conformance Statement</th>
<th>VSX license</th>
<th>VSX test journal</th>
<th>Registration Reg. update</th>
</tr>
</thead>
</table>

## PSE54 Multipurpose Realtime 1003.13-2003 System (interim) Product Standard

<table>
<thead>
<tr>
<th>Product name</th>
<th>Regn.ID</th>
<th>Conformance Statement</th>
<th>PSE54:2003 test journal (POSIX01 mode)</th>
<th>PSE54:2003 test journal (UNIX03 mode)</th>
<th>VSC-PCTS2003 test journal</th>
<th>POSIX Conformance Document for PSE54</th>
<th>Registration Reg. update</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJPSE54s 2.1</td>
<td>611</td>
<td>Uploaded 24-Jan-2005</td>
<td>Not uploaded</td>
<td>Not uploaded</td>
<td>Not uploaded</td>
<td>Uploaded Checked</td>
<td>Sent Ack. Signed</td>
</tr>
</tbody>
</table>
The Home Page cont’d

Company-level certification registration status:

This shows a summary of company and contact information.

- Show me the registration
- Email me a copy

TMLA status:

If you are registering a product for the 1003.1-2003 Base product standard, and you wish to use the POSIX trademark in connection with your product once it is certified, you will need to have the IEEE Trademark Licence Agreement (TMLA) countersigned by the IEEE before your first such product can be certified. It is suggested you complete and return this as soon as possible. See the links on the left for details of the TMLA and the submission process.

TMLA sent TMLA signed

Click here to input the date (dd/mm/yyyy) the TMLA was sent.
Online Help available as a popup window

POSIX® Certified by IEEE and The Open Group

The Guide to the Program

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Registering a New Product

- Select the Product Standard
- Enter the Product Name and Version information
- Select whether you want Platform Specific or Product Family specific
- Enter any confidential notes you want to pass to the CA
Please enter your product details

**Product Standard** If a product is being certified against multiple Product Standards in order to build up a Profile, register it for each one in turn. For the 1003.1-2003 set, if applicable, register the Base Profile last, because you will need to refer to the component Product Standards.

- Profile
  - 1003.1-2003 Base
  - 1003.1-2003 Shell and Utilities
  - 1003.1-2003 System Interfaces
  - PSE52 Realtime Controller 1003.13-2003 System
  - PSE54 Multipurpose Realtime 1003.13-2003 System
  - PSE54 Multipurpose Realtime 1003.13-2003 System (Interim)

**Either... Product Name:**

**and Version:**

**Product info. URL:**

http://

**...or Second registration:** If you are entering the same product Name/Version as an existing product, so you can register it for a second (or subsequent) Product

**Certification level:** Select either Platform Specific for a single hardware/software environment or Product Family for a binary compatible family:

- Platform Specific

**Confidentiality** If this box is selected, you are indicating that you would like this product registration to be kept confidential prior to product launch in accordance with the provisions of the certification agreement.

- Keep registration confidential

**General notes:**

These are confidential between the user and the CA
Accept the Certification Agreement

As part of each product registration you must agree to the terms and conditions of the Certification Agreement.

POSIX(R): /Certified by IEEE and The Open Group/

Certification Agreement

Issue 1.0, October 16, 2003

This Certification Agreement ("Agreement") is made and entered into by and between the following Parties: The Open Group, Apex Plaza, Forbury Road, Reading, England, RG1 1AX, and the Supplier.

Whereas, the Supplier wishes to submit a product for certification in the *POSIX(R): /Certified by IEEE and The Open Group/* program ("the Certification Program"); Whereas the product is uniquely defined in the Registration Form; and Whereas, The Open Group is the Certification Authority ("CA") operating the Certification Program in accordance with the terms of the POSIX Certification Policy.

I ACCEPT
Complete initial Registration

- An additional screen is then displayed where you can verify the information entered.
- Also, you can enter characteristics about your product which will then appear on the register:
  - Language Support
  - Target market region
  - Minimum memory and disk requirements
  - CPU support
Please complete your product details

<table>
<thead>
<tr>
<th>Product Standard</th>
<th>1003.1-2003 Shell and Utilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name:</td>
<td>ABC</td>
</tr>
<tr>
<td>and Version:</td>
<td>1.5</td>
</tr>
<tr>
<td>Product info. URL</td>
<td>http://</td>
</tr>
<tr>
<td>Certification level:</td>
<td>Select either Platform Specific for a single hardware/software environment or Product Family for a compatible family: Platform Specific</td>
</tr>
</tbody>
</table>

You are required to use the pull-down lists below to record your product's characteristics. Those marked (M) allow multiple selections.

<table>
<thead>
<tr>
<th>Language Support (M):</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Afan) Oromo</td>
</tr>
<tr>
<td>Abkhazian</td>
</tr>
<tr>
<td>Afar</td>
</tr>
<tr>
<td>Afrikaans</td>
</tr>
<tr>
<td>Albanian</td>
</tr>
<tr>
<td>Amharic</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Target Region (M):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa</td>
</tr>
<tr>
<td>Asia</td>
</tr>
<tr>
<td>Eurasia</td>
</tr>
<tr>
<td>Europe</td>
</tr>
<tr>
<td>North America</td>
</tr>
<tr>
<td>Oceania</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minimum Memory:</th>
</tr>
</thead>
<tbody>
<tr>
<td>32MB</td>
</tr>
<tr>
<td>64MB</td>
</tr>
<tr>
<td>128MB</td>
</tr>
<tr>
<td>256MB</td>
</tr>
<tr>
<td>512MB</td>
</tr>
<tr>
<td>1024MB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minimum Processor Speed:</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Mhz</td>
</tr>
<tr>
<td>300 Mhz</td>
</tr>
<tr>
<td>1 Ghz</td>
</tr>
<tr>
<td>1.3 Ghz</td>
</tr>
<tr>
<td>1.6 Ghz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minimum Processor Type:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel 486</td>
</tr>
<tr>
<td>Intel P1</td>
</tr>
<tr>
<td>Intel P2</td>
</tr>
<tr>
<td>Intel P3</td>
</tr>
<tr>
<td>Intel P4</td>
</tr>
<tr>
<td>Intel IA64</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minimum Disk Space:</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 MB</td>
</tr>
<tr>
<td>100 MB</td>
</tr>
<tr>
<td>500 MB</td>
</tr>
<tr>
<td>1 GB</td>
</tr>
<tr>
<td>5 GB</td>
</tr>
</tbody>
</table>
Next steps… (via Home Page)

- Dependent on the Product Standard
- Typically a series of uploads:
  - A completed Conformance Statement Questionnaire
  - One or more sets of test results
  - Optionally a POSIX Conformance Document
- Initial example follows for 1003.1 series
Next steps… (via Home Page)

Product level certification status:

For your products that are in the process of being registered:
Click the **Product name** link to check on, update the product details, or delete the product.
Click the **NEXT** button to identify the next step in the registration process.
Click any date to view or process the uploaded file.

Once a product registration has been submitted it is marked Frozen. Products that have been frozen cannot be deleted or modified, the uploaded files can be displayed but not modified.

**1003.1-2003 System interfaces Product Standard**

(Platform Specific)

<table>
<thead>
<tr>
<th>Product name</th>
<th>Regn.ID</th>
<th>Conformance Statement</th>
<th>VSX license</th>
<th>VSX test journal</th>
<th>Registration</th>
<th>Reg. update</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABC O/S 1.0</td>
<td>252</td>
<td>Not uploaded</td>
<td>Not approved</td>
<td>Not uploaded</td>
<td>Not sent</td>
<td>Not signed</td>
</tr>
</tbody>
</table>

Or do you want to enter a new product’s details? : start registration
Select the *Next* logo…

- Guides the applicant through the suggested next step within a product registration

---

**IEEE POSIX**

Certified by IEEE and The Open Group
Step 1, the Conformance Statement

Product: ABC O/S 1.0

Product Standard: 1003.1-2003 System Interfaces

At any time prior to final registration, you may visit the product registration page to update/delete the product or or change its characteristics.

The following items indicate possible actions

- The Conformance Statement needs to be uploaded.

[Browse...]

... and upload it?

[?] for further information about the Conformance Statements.
Step 1 Cont’d, Uploading the Conformance Statement

**Product:** ABC O/S 1.0

**Product Standard:** 1003.1-2003 System

At any time prior to final registration, you may change its characteristics.

The following items indicate possible areas for improvement:

- The Conformance Statement needs improvement.

![Choose file dialog box]

- File name: [Browse]
- Files of type: All Files (*.*)

... and upload it?

For further information about the Conformance Statements.
Upload Successful

Product: ABC O/S 1.0

Product Standard: 1003.1-2003 System Interfaces

Conformance Statement file uploaded

for information on the next stage.

» Navigation tips and Help
Select the *Next* Logo…

- Guides the applicant through the suggested next step within a product registration
Step 2, Licensing the test suite...

**Product: ABC O/S 1.0**

Product Standard: 1003.1-2003 System Interfaces

At any time prior to final registration, you may visit the product registration page to update/delete the product or change its characteristics.

The following items indicate possible actions

- You need to accept the terms and conditions for use of the VSX-PCTS 2003 test suite before it can be used for certification testing. You may view them now. The Authorized Signatory must indicate acceptance by downloading a copy, signing it and returning it, by efax or email. When this is received from the Authorized Signatory on behalf of your company, and approved, access to the test suite will be granted.

The following items are for background interest

- The Conformance Statement was uploaded on 07-Oct-2003.
- The Certification Administrator still needs to check and accept the Conformance Statement.
Step 2, Licensing the test suite…

- You need to download, print, sign and return the test suite license agreement
- The CA will then email you instructions on where to download the test suite
- Once done the CA will set the license information in the system for the product
- You cannot proceed in the system until this is completed
Step 3, Uploading Test Results..

**Product: ABC O/S 1.0**

**Product Standard: 1003.1-2003 System Interfaces**

At any time prior to final registration, you may visit the product registration page to update/delete the product or or change its characteristics.

**The following items indicate possible actions**

- The VSX-PCTS 2003 test journal needs to be uploaded.

**The following items are for background interest**

- The Conformance Statement was uploaded on 07-Oct-2003.
- The Certification Administrator still needs to check and accept the Conformance Statement.

... and upload it?
Step 3, Uploading Test Results Journals

- The system checks that the files submitted are valid results journals and will flag an error if not....
Incorrect Journal file uploaded

**Product:** ABC O/S 1.0

**Product Standard:** 1003.1-2003 System Interfaces

**Error:**

Attempting to upload: **VSX-PCTS 2003 test journal**

validtetjnkl023: This journal does not appear to have been produced from an authorized release of the test tool.

See the list of authorized test tool versions.

If you feel that this is a Certification System error please contact the **POSIX Certification (DEMONSTRATION VERSION) Authority** quoting the error message above.

» Navigation tips and Help
Valid Journal Uploaded

Note the test numbers below are fictitious

Product: ABC O/S 1.0

Product Standard: 1003.1-2003 System Interfaces

VSX-PCTS 2003 test journal file uploaded

<table>
<thead>
<tr>
<th>Total tests:</th>
<th>7603</th>
<th>PASS = 7600</th>
<th>FAIL = 3</th>
</tr>
</thead>
</table>

Pass Breakdown:
- Number of successes: 3516
- Number unsupported: 110
- Number of untested: 33
- Unapproved assertions: 0
- Number of warnings: 14
- Number not in use: 3922
- Number of FIP: 5
- Number not implemented: 0

Failure Breakdown:
- Number of failures: 3
- Number uninitiated: 0
- Number unresolved: 0
- Number unreported: 0
Uploading Test Results Journals
Product Family vs Platform Specific

- If you are certifying a binary compatible family of products you need to have selected *Product Family* when first registering the product.

- For the 1003.1-2003 Product Standards: You will then need to upload two sets of test results from distinct members of the family.
Select the *Next* Logo…

- Guides the applicant through the suggested next step within a product registration
Next Steps

Product: ABC O/S 1.0

Product Standard: 1003.1-2003 System Interfaces

At any time prior to final registration, you may visit the product registration page to update/delete the product or or change its characteristics.

The following items indicate possible actions:

- The VSX-PCTS 2003 test journal needs to be checked.
- The VSX-PCTS 2003 test journal needs to have the FIP results checked.

The following items are for background interest:

- The Conformance Statement was uploaded on 07-Oct-2003.
- The Certification Administrator still needs to check and accept the Conformance Statement.
- The VSX-PCTS 2003 test journal was uploaded on 07-Oct-2003.
Checking a Journal

Product: ABC O/S 1.0

Product Standard: 1003.1-2003 System Interfaces

The VSX-PCT5 2003 test journal was uploaded on 07-Oct-2003

- Display it?
- Summarize it?
- Check for FIP results?
- Check for errors?
- Delete it?

for information on test journals and checking for error and FIP results.

» Navigation tips and Help
Checking for FIP/INSPECT results

Product: ABC O/S 1.0
1003.1-2003 System Interfaces

VSX-PCTS 2003 test journal processing - FIP results

There are 5 records in total: 0 have been ticked to signify that the results resolve to PASS and 0 checked OK by the CA.

Complete the table with Checkbox and Comment, where appropriate, and update the record using the Update button at the end of the table.

<table>
<thead>
<tr>
<th>Path to test case/Test ID</th>
<th>Tick</th>
<th>Comment</th>
<th>Admin Passed</th>
</tr>
</thead>
<tbody>
<tr>
<td>/tset/POSIX.os/dataform/tar/T.tar/12</td>
<td>Yes</td>
<td><img src="Yes" alt="Yes" /></td>
<td><img src="No" alt="No" /></td>
</tr>
<tr>
<td>/tset/POSIX.os/procecv/uname/T.uname/1</td>
<td>Yes</td>
<td><img src="Yes" alt="Yes" /></td>
<td><img src="No" alt="No" /></td>
</tr>
<tr>
<td>/tset/LSB.fhs/root/etc/etc-tc/31</td>
<td>Yes</td>
<td><img src="Yes" alt="Yes" /></td>
<td><img src="No" alt="No" /></td>
</tr>
<tr>
<td>/tset/LSB.fhs/usr/bin/bin-tc/5</td>
<td>Yes</td>
<td><img src="Yes" alt="Yes" /></td>
<td><img src="No" alt="No" /></td>
</tr>
<tr>
<td>/tset/LSB.os/procecv/chroot/T.chroot/4</td>
<td>Yes</td>
<td><img src="Yes" alt="Yes" /></td>
<td><img src="No" alt="No" /></td>
</tr>
</tbody>
</table>

Update the records
Checking for Errors

**Product:** ABC O/S 1.0

1003.1-2003 System Interfaces

**VSX-PCTS 2003 test journal processing**

There are 3 records in total: 0 have been given a Problem Report ID and 0 checked OK by the CA.

Complete the table with Problem Report ID, and update the record using the **Update** button at the end of the table.

Problem Report IDs must be valid in order to complete the required data entry for this page. IDs have a format of `TYPE.PX.NUMBER`, where `TYPE` has the value **INT**, **TSD** or **CSD** (Interpretation, Test Suite Deficiency or Certification System Deficiency), `PX` is a fixed string, and `NUMBER` is a four digit decimal number.

You must also check that test suite version, if applicable (for a TSD), is valid for the Product Standard for all PR's referenced.

<table>
<thead>
<tr>
<th>Path to test case/Test ID</th>
<th>Result</th>
<th>Problem Report ID</th>
<th>Admin Passed</th>
</tr>
</thead>
<tbody>
<tr>
<td>/tset/ANSI.os/charhandle/Misalpha/T.isalpha/1</td>
<td>FAIL</td>
<td>INT.PX.0001</td>
<td>N</td>
</tr>
<tr>
<td>/tset/ANSI.os/charhandle/Misalpha/T.isalpha/2</td>
<td>FAIL</td>
<td>TSD.PX.0002</td>
<td>N</td>
</tr>
<tr>
<td>/tset/LSB.os/procprim/execvp/T.execvp/1</td>
<td>FAIL</td>
<td>TSD.PX.0001</td>
<td>N</td>
</tr>
</tbody>
</table>

Update the records
Deleting Journals

- Prior to submitting an application you can also delete journals

Product: ABC O/S 1.0

Product Standard: 1003.1-2003 System Interfaces

Are you sure you want to delete the VSX-PCTS 2003 test journal file for this product?

Yes  No

» Navigation tips and Help
CA Intervention flagged when needed

**Product: ABC O/S 1.0**

**Product Standard: 1003.1-2003 System Interfaces**

At any time prior to final registration, you may visit the product registration page to update/delete the product or or change its characteristics.

The following items indicate possible actions

There are actions required of the Certification Administrator before you can complete your registration - see the right-hand column.

The following items are for background interest

- The Conformance Statement was uploaded on 07-Oct-2003.
- The Certification Administrator still needs to check and accept the Conformance Statement.
- The VSX-PCTS 2003 test journal was uploaded on 07-Oct-2003.
The final stage to registration

Product: ABC O/S 1.0

Product Standard: 1003.1-2003 System Interfaces

At any time prior to final registration, you may visit the product registration page to update/delete the product or or change its characteristics.

The following items indicate possible actions

- All requirements have been met - proceed to final registration?
- Please note that this is a SECURE site, since we will be taking your Credit Card details.

The following items are for background interest

- The Conformance Statement was uploaded on 07-Oct-2003.
- The Conformance Statement was accepted by the Certification Administrator on 07-Oct-2003.
- The VSX-PCTS 2003 test journal was uploaded on 07-Oct-2003.
The final stage

- A two stage process
  - Confirmation that all the details entered are correct
  - Final confirmation of acceptance to terms and conditions
Confirming details part 1

Details of your company

Company name: Main Operators
Formal name:
Alternate/previous name:
Website: http://
HQ country: UNSPECIFIED
VAT No.

If these need correcting - please contact the CA using the link at the foot of the page.
Otherwise confirm the details are correct by checking this box.
Company details confirmed □

Details of the Authorized Signatory responsible for this registration

You are either that person or are authorized to act on his behalf.

Title: Mr
First Name: You Last Name: Nix
Job Title: Head Man
Tel No: FAX Number:
E-mail: youniks@spywithmylittleeye.com

If these need correcting - please update them now, then close that window and then refresh this page.
Otherwise confirm the details are correct by checking this box.
Applicant details confirmed □
Confirming details part 2

Details of the product you are about to register

- **Product Standard:** 1003.1-2003 System Interfaces
- **Certification Level:** Platform Specific
- **Product Name and Version:** ABC O/S
- **Version:** 1.0
- **General notes**

Product info. URL: http://

If these need correcting - please **update them now**, then close that window and refresh this page. Otherwise confirm the details are correct by checking this box.

- **Product details confirmed**

Scope of testing

- **Confirm** that there have been no amendments to the test results submitted

- **Confirm** that there have been no unauthorized amendments to the test suite(s)

Placing products on HOLD

If you intend to include this product as a component of a subsequent Base Product certification. When you certify your Base Product, any referenced components that are Hold will be released in certification (and appear on the register) simultaneously.

Conversely, if you wish to certify this product NOW, leave the box unchecked. Once approved it immediately.
Confirming details part 3

Credit Card details

These details will be associated with your record on the database.

Credit Card: Amex
Name on Card: Aardverk Aervakson

If you have previously supplied your credit card details, the last set of digits of your card number only are shown below - so complete the other fields only if you wish to change your card details.
Otherwise, supply all the information required each time you use this form.

Amex Number (4-6-5): ___ ___ ___ 11111
Mastercard or Visa Number (4-4-4): ___ ___ ___ ___ ___
Expiry Date (mm/yy): 02/04

Keep card information? Check this box if you will allow us to hold your card information once payment processing is complete for next time you register.

Confidentiality

If this box is ticked, the Applicant desires that the application be kept confidential prior to product launch in accordance with the provisions of the agreement.

Keep registration confidential: No ☐ - Yes ☑
This form is to request the registration of **ABC O/S Version 1.0** for the POSIX Certification (DEMONSTRATION VERSION) certification program.

This Product Registration Form is the final stage of submitting a product registration.

By clicking on the 'Submit' button below, YOU, the supplier:

- Agree to be bound by the terms of the POSIX Certification (DEMONSTRATION VERSION) Policy and the POSIX Certification (DEMONSTRATION VERSION) Agreement.

- Apply to the POSIX Certification (DEMONSTRATION VERSION) Authority to register this product in accordance with the POSIX Certification (DEMONSTRATION VERSION) Agreement previously entered into by you.

- Warrant and represent that all products which share the Product Name defined in this registration form meet the applicable conformance requirements.

Acknowledgement of Successful Registration will be signified by means of an explicit email response to this form, from which time the Product will be a Certified Product for the purposes of the Agreement, all the terms of which will apply to it.

For further information on what happens after your submission is completed.

Now click the left-hand button to submit the registration application.
Successful Application

ABC OS Version 1.0 has been submitted for registration in the POSIX Certification (DEMONSTRATION VERSION) certification program.

Thankyou - your registration has been entered into the system.
Your application ID is 252.
You will be alerted by email by the Certification Administrator when the application is acknowledged.

for further information on what happens after your submission is completed.
**1003.1-2003 System Interfaces Product Standard**

(Platform Specific)

<table>
<thead>
<tr>
<th>Product name</th>
<th>Regn.ID</th>
<th>Conformance Statement</th>
<th>VSX license</th>
<th>VSX test journal</th>
<th>Registration</th>
<th>Reg. update</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submitted</td>
<td></td>
<td>Checked 07-Oct-2003</td>
<td>Expires 05-Jan-2004</td>
<td></td>
<td></td>
<td>Not signed</td>
</tr>
</tbody>
</table>
Post Application actions

- At this stage the onus is now passed to the Certification Authority to audit the application and get back to the applicant if there are any problems.

- If successful the product details (if confidentiality has not been requested) appear automatically on the register after the audit completes.
# Certification Register

Note this is a mockup of the register

Select the links in the columns for further product details, the company's URL, if any, and the product's Conformance Statement respectively. Clicking on a heading or arrow head will sort that column.

<table>
<thead>
<tr>
<th>Product</th>
<th>Product Standard</th>
<th>Certification Level</th>
<th>POSIX®</th>
<th>Company</th>
<th>CSQ</th>
<th>Registered</th>
<th>Renewal</th>
</tr>
</thead>
<tbody>
<tr>
<td>PX4 2.x</td>
<td>1003.1-2003 Shell and Utilities</td>
<td>Platform Specific</td>
<td>!! YES !!</td>
<td>Aard Cheeses</td>
<td>01-Sep-2003</td>
<td>01-Sep-2005</td>
<td></td>
</tr>
</tbody>
</table>

Wed Oct 8 09:16:34 BST 2003

Search the Certification Register or display a printer-friendly version.
PSE54 Multipurpose Realtime 1003.13 System (PSE54)

- Workflow similar to 1003.1 Product Standards
- Different uploads
  - Conformance Statement
  - VSPSE54:2003 Journal (POSIX01 mode)
  - VSPSE54:2003 Journal (UNIX03 mode)
  - VSC-PCTS2003 Journal
  - POSIX Conformance Document
- Main screens shown as follows:
# PSE54 Workflow

## PSE54 Multipurpose Realtime 1003.13-2003 System Product Standard

<table>
<thead>
<tr>
<th>Product name</th>
<th>Regn.ID</th>
<th>Conformance Statement</th>
<th>PSE54:2003 test journal (POSIX01 mode)</th>
<th>PSE54:2003 test journal (UNIX03 mode)</th>
<th>VSC-PCTS2003 test journal</th>
<th>POSIX Conformance Document for PSE54</th>
<th>Registration Reg. update</th>
</tr>
</thead>
<tbody>
<tr>
<td>MYPSE54 Product 2.0</td>
<td>612</td>
<td>Checked</td>
<td>Not uploaded</td>
<td>Not uploaded</td>
<td>Not uploaded</td>
<td>Uploaded</td>
<td>Checked</td>
</tr>
</tbody>
</table>

**IEEE POSIX**

Certified by IEEE and The Open Group

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**THE Open GROUP**
Product: MYPSE54 Product 2.9

Product Standard: PSE54 Multipurpose Realtime 1003.13-2003 System

At any time prior to final registration, you may visit the product registration page to update/delete the product or or change its characteristics.

The following items indicate possible actions

- The Conformance Statement needs to be uploaded.

  Browse...

  ... and upload it?

For further information about the Conformance Statements.
<table>
<thead>
<tr>
<th>The following items indicate possible actions</th>
<th>The following items are for background interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The PSE54:2003 test journal (POSIX01 mode) needs to be uploaded.</td>
<td>The <strong>Conformance Statement</strong> was uploaded on 25-Jan-2005.</td>
</tr>
<tr>
<td>![Browse button]</td>
<td>The Certification Administrator still needs to check and accept the Conformance Statement</td>
</tr>
<tr>
<td>![Browse button]</td>
<td>![Browse button]</td>
</tr>
<tr>
<td>![Browse button]</td>
<td>![Browse button]</td>
</tr>
<tr>
<td>![Browse button]</td>
<td>![Browse button]</td>
</tr>
<tr>
<td>![Browse button]</td>
<td>![Browse button]</td>
</tr>
<tr>
<td>![Browse button]</td>
<td>![Browse button]</td>
</tr>
<tr>
<td>![Browse button]</td>
<td>![Browse button]</td>
</tr>
</tbody>
</table>
PSE54 Workflow (Cont’d)

Product Standard: PSE54 Multipurpose Realtime 1003.13-2003 System

At any time prior to final registration, you may visit the product registration page to update/delete the product or or change its characteristics.

The following items indicate possible actions

All requirements have been met - proceed to final registration?
Please note that this is a SECURE site, since we will be taking your Credit Card details.

for further information about the final registration stage.

The following items are for background interest

- The Conformance Statement was uploaded on 17-Jan-2005.
- The Conformance Statement was accepted by the Certification Administrator on 24-Jan-2005.
- The PSE54:2003 test journal (POSIX01 mode) was uploaded on 17-Jan-2005
- The PSE54:2003 test journal (POSIX01 mode) was validated OK on 24-Jan-2005
- The PSE54:2003 test journal (UNIX03 mode) was uploaded on 17-Jan-2005
- The PSE54:2003 test journal (UNIX03 mode) was validated OK on 24-Jan-2005
- The VSC-PCTS 2003 test journal was uploaded on 17-Jan-2005
- The VSC-PCTS 2003 test journal was validated OK on 24-Jan-2005
- The PCD (POSIX Conformance Document for PSE54) was uploaded on 17-Jan-2005.
PSE52 Realtime Controller 1003.13 System (PSE52)

- Workflow similar to 1003.1 Product Standards
- Different uploads
  - Conformance Statement
  - VSPSE52-2003 Journal (PSE52P mode)
  - VSPSE52-2003 Journal (PSE52X mode)
  - POSIX Conformance Document
- Main screens shown as follows:
# PSE52 Workflow

## PSE52 Realtime Controller 1003.13-2003 System Product Standard

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ATest 1.0</td>
<td>1365</td>
<td>Uploaded</td>
<td>Not uploaded</td>
<td>Not uploaded</td>
<td>Uploaded</td>
<td>Sent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Checked</td>
<td>Ack.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Signed</td>
</tr>
</tbody>
</table>

[IEEE POSIX® Logo]

Certified by IEEE and The Open Group
Product: AJtest 1.0


At any time prior to final registration, you may visit the product registration page to update/delete the product or change its characteristics.

The following items indicate possible actions

- The Conformance Statement needs to be uploaded. 
  Browse...
  ... and upload it?

! for further information about the Conformance Statements.

» Navigation tips and Help
Product: AJtest 1.0


At any time prior to final registration, you may visit the product registration page to update/delete the product or change its characteristics.

The following items indicate possible actions:

- The VSPSE52-2003-PSE52P needs to be uploaded.
  
  ... and upload it?

- The VSPSE52-2003-PSE52X needs to be uploaded.
  
  ... and upload it?

- The PCD (POSIX Conformance Document for PSE52) needs to be uploaded.
  
  ... and upload it?

The following items are for background interest:

- The Conformance Statement was uploaded on 03-May-2006.
- The Certification Administrator still needs to check and accept the Conformance Statement.
Product: AJtest 1.0


At any time prior to final registration, you may visit the product registration page to update/delete the product or change its characteristics.

The following items indicate possible actions

- The VSPSE52-2003-PSE52P needs to be checked.
- The VSPSE52-2003-PSE52P needs to have the FIP results checked.
- The VSPSE52-2003-PSE52X needs to be checked.
- The VSPSE52-2003-PSE52X needs to have the FIP results checked.

The following items are for background interest

- The Conformance Statement was uploaded on 03-May-2006.
- The Certification Administrator still needs to check and accept the Conformance Statement.
- The VSPSE52-2003-PSE52P was uploaded on 03-May-2006
- The VSPSE52-2003-PSE52X was uploaded on 03-May-2006
- The PCD (POSIX Conformance Document for PSE52) was uploaded on 03-May-2006.
- The Certification Administrator still needs to check and accept the PCD (POSIX Conformance Document for PSE52)
Registration Scenarios 1003.1 (1)

A Single Simultaneous registration of all three product standards for the *Base Profile*

In this case all three product standards are entered into the web registration system by a single supplier, with a single simultaneous application for registration.

Note that the system permits subsidiary product standards to be *parked*, while others are entered.
Registration Scenarios

Building a 1003.1 Base Profile from Component Product Standards
Registration Scenarios 1003.1 (2)

Three Separate registrations, allows a Base Profile to built up over time

In this case a supplier registers the three product standards separately, applying for certification for each one individually in the web certification system.
Registration Scenarios 1003.1 (3)

Registering the Base profile by referencing third party subsidiary product standards

Using Referenced registration means that no test results are required. A PCD and Conformance Statement are still required.
Re-branding an existing Base profile

Re-branding means that no test results are required or a PCD. A Conformance Statement is still required.
Test Suite Licensing – 1003.1

- Two test suites required for the 1003.1-2003 Base Product Standard
  - VSC-PCTST2003 – Shell and Utilities
  - VSX-PCTST2003 – System Interfaces

- Limited-Time License
  - Required per Product undergoing registration
  - 90 days, extensible to the period that the Product remains a Certified Product
  - No fee
  - No support
  - Support service available
  - Commercial license also available for longer time periods (1 year, 3 year, 10 year)