Supplier completes Conformance Statement Questionnaire (CSQ)

Supplier applies for certification

CA defines test campaign (6 Days)

Supplier performs formal testing

CA audits certification information

CA issues certificate and enters product into Certification Register

Information available from the Certification Authority (CA)
Figure 2 - The Open Group
COE Platform Certification Elements

Registration Form  Certification Agreement  Onsite Witness Test  Test Campaign Definition  Test Suites  Manual Validation Procedures
Conformance Statement  Certification Web site  Certificate  Certification Register

Tuesday, March 25, 2003  Copyright 2003 The Open Group, All Rights Reserved  Page 2 of 6
**Conformance Statement**

**Registration Form**
- Form with details of the product to be registered

**Certification Agreement**
- Service Level agreement for the Certification Service

**Onsite Witness Test**
- Optional onsite witness test for Platform Specific certification
  - Provides additional level of assurance

**Test Campaign Definition**
- Definition of test campaign to be used for certification

**Test Suites**
- 1. Equivalent to DISA allowed, with additional coverage permitted
  - 2. Free Versions of all test suites available, thus lowering entry barriers to program, ensures thorough coverage
  - 3. Commercial certification programs such as IEEE POSIX, LSB and The Open Brand recognized

**Manual Validation Procedures**
- DISA Procedures reused

**Certification Web site**
- 1. Provides all certification information at a single location
  - 2. Structured to assist workflow
  - 3. Useful for suppliers and procurers

**Certificate**
- Certificate issued for each registered product

**Certification Register**
- Public register of certified products
  - Indicates type of certification: Binary Compatible Family, or Platform Specific
  - Also a record kept of formerly certified products

**Conformance Statement**
- Additional documentary evidence provided by COE Platform Conformance Statement

**Security Requirements**
- Technical Standard, drawn from SSRS appendix retaining traceability

**Supplier warranty through The Open Brand Trademark License Agreement**

**1. Fair and Objective Problem Reporting and Appeals Processes**

**2. Sanitized problem reports visible to all participants**

**3. Web-based database provided, with automated workflow system for processing requests**

**Certification Policy**
- 1. Clear well defined Certification Policy
  - 2. Based on industry certification best practices
  - 3. Two levels of certification: Binary Compatible family, and Specific Platform
  - 4. Specific Platform certification includes onsite witness testing

**COE Product Standards**
- 1. Requirements separated into logical units.
  - 2. Includes lists of indicators of compliance.
  - 3. Drawn from DISA Compliance criteria

**COE Security Reqs Spec**
- Separate Informative Guide with the How To get certified information

**Guide to Certification Program**
- 1. Equivalent to DISA allowed, with additional coverage permitted

**TMLA**
- 2. Free Versions of all test suites available, thus lowering entry barriers to program, ensures thorough coverage

**Problem Reporting System**
- 3. Commercial certification programs such as IEEE POSIX, LSB and The Open Brand recognized

**Appeals Process**
- Fair and Objective Problem Reporting and Appeals Processes

**Figure 4 - The Open Group COE Platform Certification Elements in Detail**
Figure 5- The Open Group COE Platform Product Standards

The foundation Product Standard for COE Platform Certification.
Includes three constituent product standards plus global requirements.

Separate Technical Standard for Security Requirements drawn from the DISA Compliance Criteria

Covers formal standards and specifications. Simultaneous Access to all services required. Human Computer Interface, Operating System API, Communications Service API, HCI API, Interoperability protocols and services.

COE Platform Product Standards Prod Std

COE Platform Product Standard

COE GSKS Prod Std

COE Security Prod Std

Test Suites

Manual Validation Procedures

Conformance Statement

Government Supplied Kernel Source
Provides assurance of GOTS-code Human-computer interface, and APIs

Security-related criteria
Includes pointer to Security Requirements Specification, plus general requirements
Applicant files a Problem Report

Preliminary Review by SA

Opinion Submitted by TSMA or CA

Initial PR response

Further consideration

Detailed Review by SA

Final Resolution?

Yes

CA Notifies Applicant of Resolution

No

Provide preliminary resolution to Applicant (if possible)

Resolution equals Rejected?

Yes

CA Publishes Problem Report

No

Resolution

(Int, TIN, TSD, CSD, MSF, Rejected)

Applicant satisfied?

Yes

No

Applicant invokes appeals process as specified in the TMLA

Figure 6 - Problem Reporting Process