

**Title:** Proposals for changes to SGFS/N688, Clause 6 to reflect revisions of the definitions for OSE-profiles in SGFS/N687

**Source:** JTC1/SGFS Authorized Subgroup Meeting, London, 8-11 December 1992

## 1. Introduction

1.1 This paper has been produced to record proposals for changes to clause 6 of SGFS/N688 made during the review of the text at the SGFS Subgroup Meeting.

1.2 The proposed changes arose from discussion of two issues:

- + the need to reflect the results of discussions of the definitions of profiles proposed in SGFS/N687, the Working Draft for TR 10000-1.3, in response to an AFNOR contribution;
- + the need to relate the OSE-profile concepts to the identification of interfaces for an Application Platform in clause 5.3 of N688.

## 2. Definitions of profiles

2.1 As a result of discussion it was proposed that the definitions of profiles in N687 (comprising 3.1.3, 3.1.4, 3.1.5, and 3.1.9) should be modified as follows:

**Functional Profile:** An *OSE* Profile defining a function which is an identifiable element of the Open System Environment.

**Generic Functional Profile:** A Functional Profile which is not specific to a particular community of use.

**Industry Specific Functional Profile:** A Functional Profile which deals with specific industry requirements.

**Application Environment Profile:** An *OSE* Profile which specifies a complete and coherent subset of the Open System Environment, necessary to support a class of applications.

**Generic Application Environment Profile:** An Application Environment Profile which is not specific to a particular community of use.

**Industry Specific Application Environment Profile:** An Application Environment

Profile which deals with specific industry requirements.

Note that all of these definitions reference, explicitly or implicitly, the definition of Open System Environment:

Open System Environment: The comprehensive set of interfaces, services and supporting formats, plus user aspects, for interoperability and/or portability of applications, data, or people, as specified by information technology standards and profiles.

### 3. **Changes to N688, clause 6**

The following changes are proposed to clause 6 to reflect the definitions in Part 1 and to relate OSE profiles to the concept of Application Platform introduced in clause 5.3.

#### Clause 6, para. 1

Change the first sentence to:

OSE Profiles are specified in order to fulfil the purposes defined in clause 5. The concept of an OSE Profile is considered in this clause first in an abstract sense, with particular emphasis on the significance of the claim of conformance to a Profile.

#### Following clause 6.1

Insert a new clause:

### **Functional Profiles and Application Environment Profiles**

Within the set of OSE profiles a distinction is made between Functional Profiles and Application Environment Profiles (AEPs).

A Functional Profile specifies a function that is an identifiable element of the OSE. The specification is normally made in terms of one base standard or of a number of intimately related base standards.

An AEP specifies a complete and coherent subset of the OSE necessary to support a class of applications. It specifies the behaviour to be observed at the interfaces of the Application Platform on which the class of applications can run.