

OASIS TECHNICAL COMMITTEE

FORMAT OF AUTOMOTIVE REPAIR INFORMATION

Format of Automotive Repair Information

Document Control

Document Code	TC-001
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Date	02-09-2002
Version	Version 1.0

Notes:

This document uses a standard template for the OASIS TC – Format of Automotive Repair Information. By using it, documents can be identified easily and tracked through version control. Documents in other formats and templates may be circulated as part of the work of the TC, but this template should be used where possible to help with general management of our work.

Document Codes are assigned to allow tracking and reference of versions. A list of all coded documents will be maintained by the programme managers. To obtain a new code for your document please email your intended title and document category to autorepair@csw.co.uk

TC-xxx	General TC documents
SC1-xxx	Documents for sub-committee 1 – Use Cases and Requirements
SC2-xxx	Documents for sub-committee 2 – Architecture and Specification
SC3-xxx	Documents for sub-committee 3 – Terminology and Vocabulary
SC4-xxx	Documents for sub-committee 4 – Accessibility

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Please put the correct title on the front page and in the header on subsequent pages. The title field can be updated by selecting File|Properties and updating the Title field in the Summary tab. Then update the fields on the front page and header.

Please use heading styles Heading 1, Heading 2, etc for the titles of sections.

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Version	Note
1.0	First version

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1. Introduction

This document provides a high level summary of the project 'Format of Automotive Repair Information' which is being run through the process of an OASIS Technical Committee (www.oasis-open.org) under the terms of a charter which was adopted at the first meeting in Brussels on 2nd August 2002.

This project has been set-up, under the chairmanship of DG Enterprise of the European Commission, to "...help provide an EU-wide framework for the provision of emission-related service information to the repair and other interested markets."

The remaining sections of this document describe:

- the participants in the project
- the organisation of the sub-committees, their coverage of the project scope laid down in the charter
- the deliverables from each sub-committee, and how they are related
- an overall timeline for the project

It is intended that this document will be updated as the project progresses, to provide an accurate overview of the project activities as they evolve.

2. Participants

As a project run as an OASIS Technical Committee, the Format of Automotive Repair Information is open for participation by any OASIS member who notifies the Chairman and attends the Technical Committee meetings.

Business for the project is conducted through discussion lists hosted by OASIS, which are open for scrutiny by any member of the public, and for comment by any OASIS member. Only members of the Technical Committee may contribute directly to the deliverables.

The chairman of the Technical Committee is Dr Paul Greening of the European Commission, DG Enterprise. Programme Management is being carried out by CSW Group Ltd, on behalf of the Technical Committee members. The Editor of the Specification will be John Chelsom of CSW.

At the first Technical Committee meeting fourteen organisations were represented as signed up members of OASIS:

- ACEA
- JAMA
- CECRA
- CLEDIPA
- FIA
- Cognitran
- Ford
- Eurotax
- VW
- BMW

- RAC
- AIRC
- CLEPA
- EGEA

Most of these organisations have agreed to share the costs of the programme management and have signed a contract with CSW for the provision of programme management services.

3. Summary of Sub-Committees

The Technical Committee for the Format of Automotive Repair Information has been divided into four sub-committees.

- SC1 – Use Cases and Requirements
- SC2 – Architecture and Specification
- SC3 – Terminology and Vocabulary
- SC4 – Accessibility

The coverage of the ten items listed in the scope of the project in the Technical Committee Charter is as follows

Sub-Committee	Coverage of Scope listed in the Charter
SC1 – Use Cases and Requirements	
	1. Review existing data sources, structures and use of data by manufacturers and third-party users. The project will take account of similar standards or legislation adopted in other world areas.
SC2 – Architecture and Specification	
	2. Determine the most cost-effective, lowest footprint distribution medium for vehicle repair information (e.g., the Internet, although other mediums will also be considered).
	3. Specify an information structure that is commonly supported, open, public, easy to understand (for both people and computers) and accessible (e.g. XML, although other mediums will also be considered).
SC3 – Terminology and Vocabulary	
	4. Identify industry-standard vocabulary such as keywords and elements (e.g. ISO 15031-2 (J1930) “OBD Terms and Definitions”), determine if such standards are applicable for the purpose of this project and, where necessary, take steps to either

Sub-Committee	Coverage of Scope listed in the Charter
	develop new standards or expand the scope of existing standards. Consideration of the representation of information in multiple languages.
SC4 – Accessibility	
	5. Identify features necessary for access to information (e.g. search engines) that can be correlated to the document structure and/or content, including access to information in manufacturer-specific tools, packaging of information to make viable cost units, application of “pass-through” programming
	6. Establish minimum (or ideal) configurations for end-user access, with an emphasis on open or ubiquitous standards: <ul style="list-style-type: none"> a. identify the most common hardware platform(s), including operating system(s); b. identify the most common software and/or interfaces.
	7. Establish the performance criteria for provider information delivery systems (e.g. monitoring of web-site performance).
Covered at Technical Committee level	
	8. Determine method and intervals for ongoing review and updating of specifications.
	9. Demonstrate at least three reference implementations made in accordance with the specifications
	10. Recommendation for application of the results of the project.

4. Summary of Deliverables

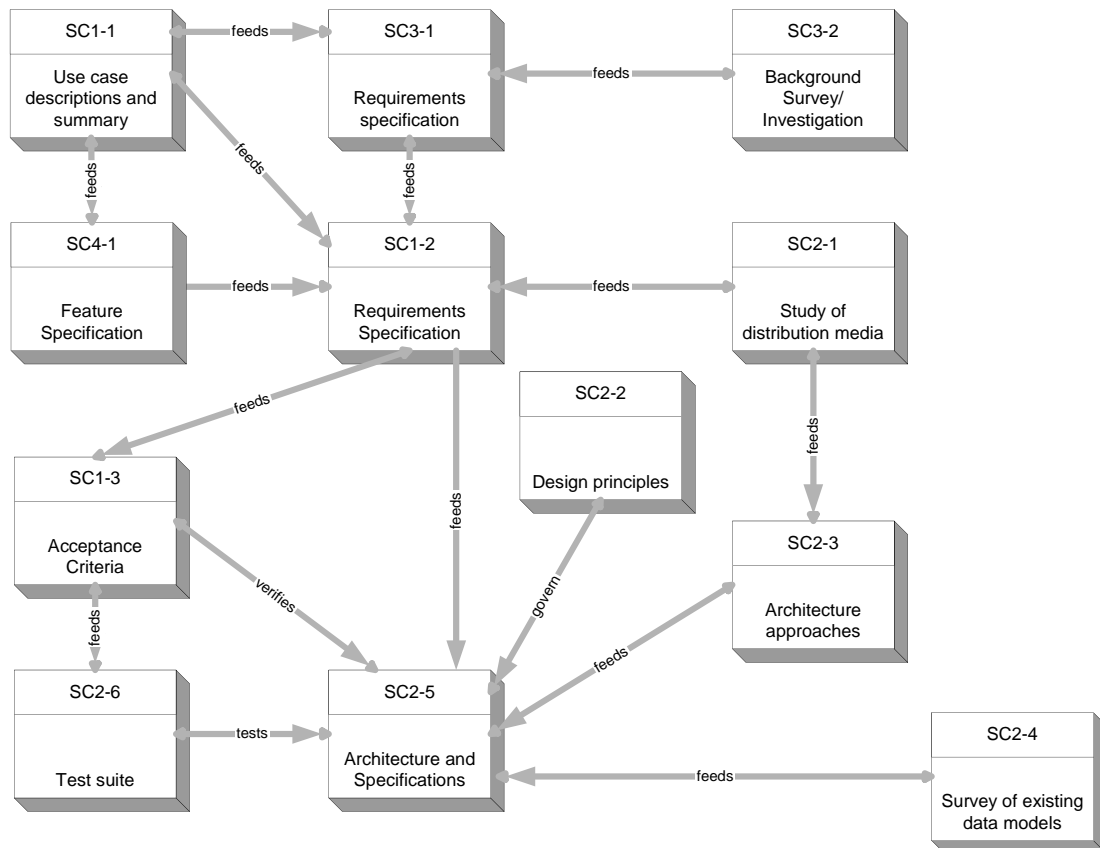
The final deliverables of the Technical Committee is a Specification which is voted on and approved by the entire Technical Committee, and is then submitted to the full OASIS membership for review and approval.

To become an OASIS Standard, the Specification must receive affirmative votes of at least 10% of OASIS member organizations but no more than 10% negative.

Documents that form the deliverables listed below, or the working drafts of deliverables should be prepared using the template available from the programme managers and numbered in accordance with the instructions given on the front page of the template.

SC1 – Use Cases and Requirements		
Item	Description	Delivery
SC1-1	Use case descriptions and summary	Completed 09/08/02
SC1-2	Requirements Specification	Working draft 30/09/02 Final document 12/10/02
SC1-3	Acceptance Criteria	Working draft 28/11/02 Final document 12/12/02
SC2 – Architecture and Specification		
Item	Description	Delivery
SC2-1	Study of distribution media. Assess the different media for the distribution of repair information and the cost effectiveness of each, taking into account factors such as usage, geography, legacy or current data, etc	By 12-10-02
SC2-2	Design principles (document)	By 12-10-02
SC2-3	Architecture approaches (document)	By 12-10-02
SC2-4	Survey of existing data models (eg in US, Holland) that can inform the work of this TC (or be adopted, subject to resolution of IPR issues)	By 12-10-02
SC2-5	Architecture and Specifications (technical deliverables)	To commence after 18-10-02
SC2-6	Test suite (data) and definition of scope for reference implementations	To commence after 18-10-02
SC3 – Terminology and Vocabulary		
Item	Description	Delivery
SC3-1	Requirements specification (definition and scope of requirements – document)	Draft beginning September
SC3-2	Background Survey/Investigation (document) to cover: Applicable existing specifications Keywords ISO 15031-2 Multiple languages Consider extensions to existing specifications	To be decided
SC4 – Accessibility		
Item	Description	Delivery

<p>SC4-1</p>	<p>Feature Specification (document) Identify features necessary for access to information (e.g. search engines) : that can be correlated to the document structure and/or content, to provide</p> <ol style="list-style-type: none"> a. Access to information in manufacturer-specific tools b. Packaging of information to make viable cost units c. Application of “pass-through” programming d. Access DTC via a generic scan tool (OBD relevant) e. Access to checking procedures 	<p>First draft and feedback by end September</p>
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5. Timeline for the Project

The project started with the first meeting on 2nd August 2002 and is due to last for 10 months. The target finish date is 2nd June 2003.

A separate project plan, showing the overall timeline, is maintained as a separate document *TC-002 OASIS TC Project Plan*.