

# OASIS TECHNICAL COMMITTEE

## FORMAT OF AUTOMOTIVE REPAIR INFORMATION

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### Format of Automotive Repair Information

#### Document Control

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#### 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](mailto: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

Version numbers should be assigned starting with 1.0 and incremented with each new version circulated by the author(s). A version note should be added for each new version on page 2.

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.

The table of contents on page 2 can be updated by right clicking and selecting Update.

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<b>Version</b>	<b>Note</b>
1.0	First version
2.0	Updated to include information on the discussion lists Re-numbered the deliverables to distinguish them from documents
3.0	Updated following meeting on 18-10-02 and decision to combine SC1 and SC4

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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](http://www.oasis-open.org)) under the terms of a charter which was adopted at the first meeting in Brussels on 2<sup>nd</sup> 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, and their coverage of the project scope laid down in the charter
- the discussion lists set up by OASIS for participation of project members
- 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. Details of the discussion lists set up for this Technical Committee are provided in Section 4.

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

Some 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 three sub-committees.

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

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
<b>SC1 – Use Cases and Requirements</b>	
	(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.
	(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"> <li>a. identify the most common hardware platform(s), including operating system(s);</li> <li>b. identify the most common software and/or interfaces.</li> </ul>
	(7) Establish the performance criteria for provider information delivery systems (e.g. monitoring of web-site performance).

<b>Sub-Committee</b>	<b>Coverage of Scope listed in the Charter</b>
<b>SC2 – Architecture and Specification</b>	
	(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).
<b>SC3 – Terminology and Vocabulary</b>	
	(4) Identify industry-standard vocabulary such as keywords and elements (e.g. ISO 15031-2 (J1930) “OB D Terms and Definitions”), determine if such standards are applicable for the purpose of this project and, where necessary, take steps to either develop new standards or expand the scope of existing standards. Consideration of the representation of information in multiple languages.
<b>Covered at Technical Committee level</b>	
	(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. Discussion Lists

Discussion lists have been created by OASIS to cover the technical committee as a whole and each of the sub-committees. It is intended that the main interaction between the members of the technical committee will be through these lists.

Please note that the lists are open for scrutiny by any member of the public, and for comment by any OASIS member. All messages sent to the lists are placed into a public archive by OASIS. The following lists have been created:

autorepair@lists.oasis-open.org	General list for the Format of Automotive Repair Technical Committee
autorepair-req@lists.oasis-open.org	List for sub-committee 1 – Use Cases and Requirements
autorepair-arch@lists.oasis-open.org	List for sub-committee 2 – Architecture and Specification
autorepair-term@lists.oasis-open.org	List for sub-committee 3 – Terminology and Vocabulary

The procedure for signing up to these lists is:

- 1 - go to <http://lists.oasis-open.org/ob/adm.pl>
- 2 - enter your email address
- 3 - check the box marked 'subscribe' for the list of your sub-committee:

"autorepair-req" for Use Cases and Requirements  
 "autorepair-arch" for Architecture and Specification  
 "autorepair-term" for Terminology and Vocabulary

4- Please go to your e-mail box and reply to the message you will receive from OASIS. You just need to confirm that you wish to subscribe the list by putting in the subject line the reference OASIS will give you.

## 5. Summary of Deliverables

The final deliverable 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.

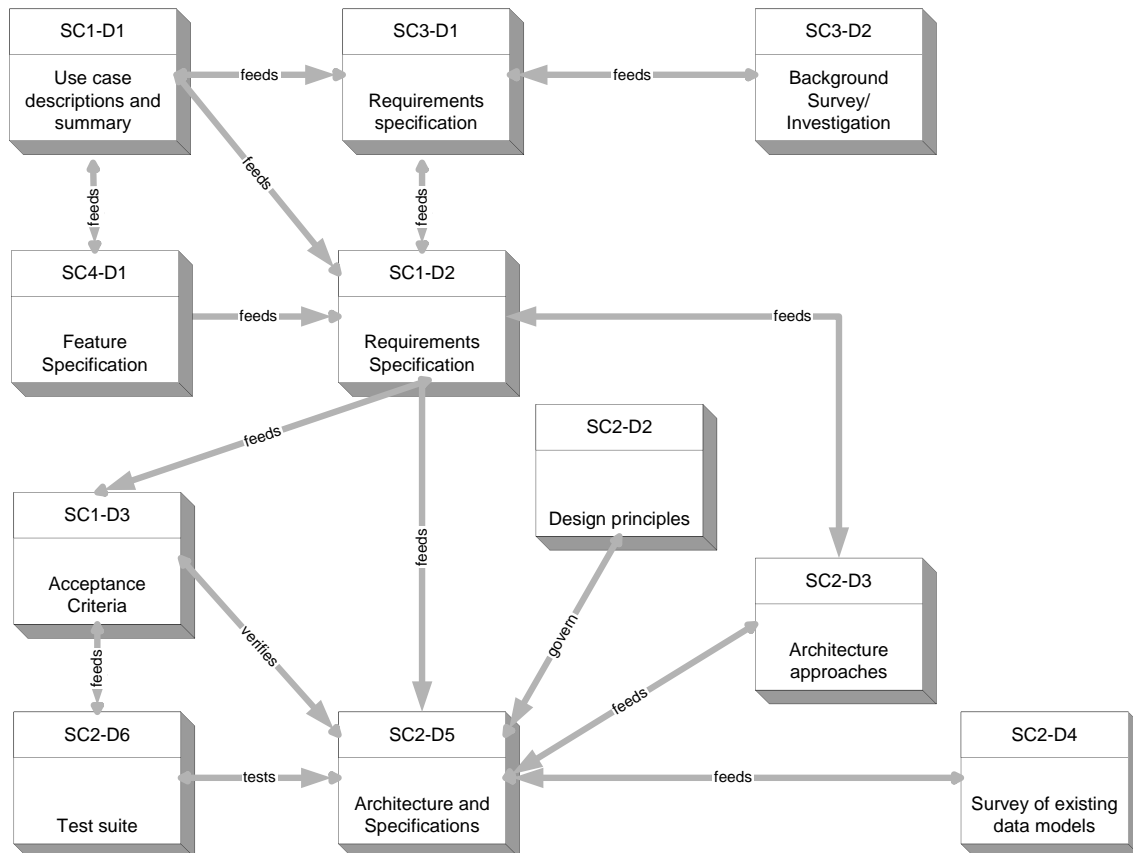
To become an OASIS Standard, the Specification must receive affirmative votes of at least 10% of OASIS member organizations but no more than 10% negative.

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.

Deliverables are numbered SCX-DX to distinguish them from other documents that will be circulated as part of the project.

<b>SC1 – Use Cases and Requirements</b>		
<b>Item</b>	<b>Description</b>	<b>Delivery</b>
SC1-D1	Use case descriptions and summary	Completed 09/08/02
SC1-D2	Requirements Specification	Final document 30/11/02
SC1-D3	Acceptance Criteria	Working draft TBD Final document TBD
<b>SC2 – Architecture and Specification</b>		
<b>Item</b>	<b>Description</b>	<b>Delivery</b>
SC2-D1	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/current data, etc	Discontinued
SC2-D2	Design principles (document)	Final document 30/11/02
SC2-D3	Architecture approaches (document)	Final document 30/11/02
SC2-D4	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)	Working draft 30/11/02 Final document TBD

SC2-D5	Architecture and Specifications (technical deliverables)	To commence after 30/11/02
SC2-D6	Test suite (data) and definition of scope for reference implementations	To commence after 30/11/02
<b>SC3 – Terminology and Vocabulary</b>		
<b>Item</b>	<b>Description</b>	<b>Delivery</b>
SC3-D1	Requirements specification (definition and scope of requirements – document)	Working draft 13/11/02 Final document 30/11/02
SC3-D2	Background Survey/Investigation (document) to cover: Applicable existing specifications Keywords ISO 15031-2 Multiple languages  Consider extensions to existing specifications	To be decided



## **6. Timeline for the Project**

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

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