OASIS TECHNICAL COMMITTEE

FORMAT OF AUTOMOTIVE REPAIR INFORMATION

Design Principles

Document Control

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Notes:

This document is a deliverable of the OASIS TC – Format of Automotive Repair Information, and uses a standard document template. Not all deliverables are documents, but those that are should use this template to help with tracking and version management.

Deliverables from the project are assigned codes to allow tracking and reference of versions. A list of all coded deliverables and project documents will be maintained by the programme managers. The deliverables will be decided by the project sub-committees and assigned codes by the Programme Managers. The following convention is used for the coding

SC1-Dx	Deliverables for sub-committee 1 – Use Cases and Requirements
SC2-Dx	Deliverables for sub-committee 2 – Architecture and Specification
SC3-Dx	Deliverables for sub-committee 3 – Terminology and Vocabulary
SC4-Dx	Deliverables 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.

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Version	Note
1.0	First version

Contents

1. Introduction

This document sets out the principles which will guide the development of the architecture and specifications that will form the main deliverables of the OASIS Technical Committee for the Format of Automotive Repair Information.

The document is intended to be a short statement of principles, laid down at the strat of the project, which can be verified during the acceptance of the final specifications by the Technical Committee.

2. Design Principles

The specification for the format of automotive repair information will have a design that is:

- **Functional**

  Covering all the *essential* requirements agreed in the Requirements Specification.

- **Verifiable**

  Verified against the Requirements Specification and validated using the Test Suite.

- **Achievable**

  In scope and level of detail within the 10 month time scale of the project and with such resources as are available to the participants. That is to say, the specification itself (rather than its implementation) can be created and agreed within 10 months.

- **Demonstrable**

  Possible to demonstrate an implementation (OASIS required three reference implementations to be created before the specification can be made an OASIS recommendation) within the 10 month time scale of the project.

- **Implementable**

  Possible to implement within a reasonable time by the industry, taking into account the resources, roles and commercial position, of manufacturers, repairers and independent information providers.

- **Extendable**

  Open to be extended to additional scope or to greater detail in subsequent phases, in ways which may or may not be identified during the current project, either through further open standards activities or through the efforts of individual organisations or industry consortia.

- **Sustainable**

  Viable to maintain in the long term, both in its specification and its implementations, over an extended period, given the frequency of update of information and requirements of the industry.

- **Open**

  Based on open standards, specified and published in sufficient detail so as to be implementable and extendable by any party, whether or not they were participants in the original project.

- **Consistent**

  Made with due consideration of existing standards and practices and consistent with them.

- **Robust**

  Based on sound engineering principles and therefore robust in conception and in its possible implementations.