



**OASIS Explanatory Report to ISO TC 154
Submission of ebXML revisions
September 2018**

Members of ISO TC 154:

OASIS (the Organization for the Advancement of Structured Information Standards) respectfully submits the following OASIS Standard to ISO Technical Committee 154, for approval as proposed International Standards, updating OASIS' submission previously accepted by TC 154 as ISO/TS 15000-2:2004:

ebXML Messaging Services v3.0 ("ebMS 3.0"), Core Features

We recommend that this specification retain its numbering as ISO 15000-2 if approved.

The relevant documentation of the submitted specification is enclosed with this communication, along with our current IPR declaration information with respect to the submission.

After our original submission of this specification and several related parts, OASIS was asked by ISO Central Secretariat to reformat the updated OASIS versions, to conform editorially to certain ISO template requirements. This submission conforms to those requests. Additional related specification parts are being reformatted and submitted to TC 154 separately, as explained below.

The ebXML suite of freely-available, platform-neutral XML specifications for business messages has served as a backbone set of transactional methods for global trade and e-business transactions since their issuance.

OASIS has been a Category A Liaison with TC 154 since 2004 and is also a qualified Publicly Available Specification submitter to ISO/IEC JTC 1, since 2004, and a qualified Category A4 and A5 submitter of Recommendations to ITU-T, since 2003. OASIS respectfully suggests that this submission is a stable final version that qualifies for approval as an International Standard.

BACKGROUND AND RELATED WORK

This submission follows our previous liaison report to TC 154, indicating that updated specifications for the OASIS ebXML Standards have been prepared, to supersede the series approved by TC 154 as ISO TS 15000-1 through 15000-4:2004.

The original ebXML project hosted by OASIS and UN/CEFACT issued six "version 1" specifications in 2001:

- ebXML Business Process Schema Specification (BPSS)

- ebXML Collaborative Partner Profile Agreement (CPPA)
- ebXML Messaging Service (ebMS)
- ebXML Registry Information Model (RIM)
- ebXML Registry Services (RS)
- ebXML Core Components (CCTS)

Several years later, both OASIS and UN/CEFACT updated the works, and submitted “version 2” specifications to ISO TC 154, resulting in the 15000 series. OASIS submitted:

- ISO/TS 15000-1:2004 ebXML CPPA
- ISO/TS 15000-2:2004 ebXML MSG
- ISO/TS 15000-3:2004 ebXML RIM
- ISO/TS 15000-4:2004 ebXML RS

And UN/CEFACT submitted:

- ISO/TS 15000-5:2005 ebXML CCTS v2.01

Since that time a third set of updated specifications has been developed:

- OASIS issued ebXML Messaging Services, v3.0 ("ebMS 3.0") Core Features, to update ISO/TS 15000-2:2004. A reformatted version of that submission is enclosed.
- OASIS issued the AS4 Profile v1.0 of ebMS 3, v1.0, a new compatibility profile related to ebMS, enabling web services compatibility and functionality. A reformatted version of that submission will be transmitted shortly.
- OASIS issued ebXML Registry & Repository (“RegRep”), v4.0, to combine and update the two original registry and repository specifications ISO/TS 15000-3:2004 (RIM) and ISO/TS 15000-4:2004 (RS). A reformatted version of that submission will be transmitted shortly.
- OASIS issued ebXML Business Process Specification Schema Technical Specification, v2.0.4, which was originally intended as part 6 of the 15000 series. A reformatted version of that submission will be transmitted shortly.
- UN/CEFACT issued an updated Core Components (CCTS) specification, Part 5 of the ebXML standards, ISO 15000-5 (Core Components), has been maintained by UN/CEFACT. A revised version was submitted to and approved by TC 154, as revised ISO/IS 15000-5:2014.

OASIS will transmit the additional related set of submissions described above shortly. OASIS requests that TC 154 initiate its review of this submission by assigning it to a Work Group and issuing a Call for Experts as appropriate.

Respectfully submitted,
James Bryce Clark for OASIS

OASIS INTELLECTUAL PROPERTY DECLARATIONS to ISO TC 154 ebXML Messaging Services v3.0 ("ebMS 3.0"), Core Features

This set of statements and license terms is a standard disclosure form, which routinely accompanies OASIS submissions to ISO and similar bodies. These same terms have been applied successfully in the past to multiple approved submissions.

Please be advised that OASIS Standards such as ebMS v3.0 are created under, and may be used and implemented subject to, the terms of the OASIS Intellectual Property Rights Policy (IPR Policy). That IPR Policy, which generally is designed to facilitate widespread re-use and adoption of OASIS specifications while allowing members to indicate their own claimed interests, can be found here:

<https://www.oasis-open.org/policies-guidelines/ipr>

ebMS v3.0 was developed by the OASIS ebXML Messaging TC under the "RF on Limited Terms" Mode for licensing, as defined in the IPR Policy. That Mode defines the terms on which the final approved specification can be used in conformant implementations, as described by that policy.

The IPR Policy also allows parties to declare their own claimed interests in the specification or their contributions to it. Those declarations are posted by OASIS here:

<https://www.oasis-open.org/committees/ebxml-msg/ipr.php>

As of the date of this submission, the only IPR declaration that was received by OASIS is an informational notation indicating the separate licensing statement from W3C regarding its SOAP (Simple Object Access Protocol) specification, as follows:

"IPR declaration of SOAP submitters to W3C:

<http://www.w3.org/Submission/2000/05/>"

The SOAP specification is separate from ebMS 3.0, but is used by it in certain circumstances. Accordingly, OASIS will complete a Common Patent Policy statement indicating that no patent claims have been made against the OASIS submission.

Responsibility for future maintenance of ebMS 3.0 remains with the OASIS ebXML Messaging TC, which welcomes all input from experts associated with ISO TC 154. However, we invite comment from TC 154 members about whether a formal shared or joint maintenance process should be considered for this submission.