OASIS Liaison Report to MoUMG
January 2023

OASIS Open respectfully submits this liaison report to the ISO/IEC/ITU/UNECE e-Business Memorandum of Understanding Management Group and its participants. OASIS is a not-for-profit consortium that has hosted collaborative development of open standards, open source code, and open data since 1993. Today OASIS projects address a wide range of topics relevant to this Management Group and its participants, including structured trade data, business documents, blockchain projects, e-government services, data privacy, cybersecurity and IoT controls.

Submissions to de jure standardization and related matters

OASIS has maintained Category A liaison with multiple **ISO** TCs including TCs 154, 184 and 215 for a number of years. The ebXML series of standards maintained by OASIS (and shared with ISO) continues to enjoy wide global use in peer-to-peer e-business transacting. After the first two new updates, ISO 15000-1:2021, ebMS messaging, and ISO 15000-2:2021, the ebMS AS4 Profile, OASIS submitted its third update (Registry & Repository, or "RegRep") to ISO TC 154 in mid-2021. **Part 3 has been approved and published** as ISO 15000-3:2023.   *https://www.iso.org/standard/83479.html*

Among other uses, parts of the ebXML standard have been incorporated into the European e-gov macro "Connecting Europe Facility" (CEF) as normative building blocks for e-Delivery. *https://ec.europa.eu/digital-building-blocks/wikis/display/DIGITAL/Digital+Homepage*   (See also the BDXR TC reference below.) OASIS also is evaluating the submittal of additional updated ebXML parts.

OASIS has held PAS submitter status by **ISO/IEC JTC 1** since 2004, renewed in 2007, 2010, 2015 and 2020.   A number of OASIS standards have been transposed by JTC 1 to IS status: the terse IoT controls and messaging protocol MQTT v3.1.1 as ISO/IEC 20922:2016, the Open Document Format ("ODF") as ISO/IEC 26300:2015, and UBL v2.1 as ISO/IEC 19845:2015.   OASIS TCs are now preparing planned **updated JTC 1 submissions to ODF** (version 1.3, see *https://lists.oasis-open.org/archives/project-announce/202301/msg00000.html)* **and to UBL** (version 2.3, see *https://lists.oasis-open.org/archives/project-announce/202106/msg00007.html),* including JSON representations of the UBL spec *(see https://lists.oasis-open.org/archives/project-announce/202112/msg00005.html).*

OASIS has maintained liaisons with **ITU-T** Study Group 17 on security for a number of years. Among others, OASIS standards on security assertions, access control operators, and emergency management (crisis response) have been adopted as ITU-T Recommendations. There is considerable activity around global use by public administrations of, and updates to, the Common Alerting Protocol (ITU-T X.1303 *bis*), and several OASIS security and access control standards including SAML and XACML. In late 2022, OASIS submitted its keystone cyber threat information standards, **STIX and TAXII**, to SG17 for its potential approval. For more on that suite of work, see the STIX Best Practices Guide *(https://lists.oasis-open.org/archives/project-announce/202210/msg00001.html),*

OASIS has maintained Category D liaisons with and provided submissions to several **IEC** TCs in the smartgrid domain.

New and Continuing Initiatives

In addition to the work noted above being prepared for external submissions: New projects in a number of topics continue to be launched, including many security-related and document-semantics-related efforts, such as:

- The PRVD Open Project for blockchain transactional management: *https://lists.oasis-open.org/archives/project-announce/202206/msg00009.html*
- The Value Stream Management Interoperability (VSMI) TC: *https://lists.oasis-open.org/archives/project-announce/202206/msg00001.html*
- The Infrastructure Data-Plane Function (IDPF) TC: *https://lists.oasis-open.org/archives/project-announce/202211/msg00001.html*

The **Code List Representation ("genericode")** v1.0 methodology has been approved as a Committee Specification and is under review for OASIS Standard status: *https://lists.oasis-open.org/archives/project-announce/202301/msg00001.html*.

The **Secure QR Code Authentication** v1.0 OASIS Standard has been approved and published: *https://lists.oasis-open.org/archives/project-announce/202210/msg00003.html*

The previously-announced OASIS open source projects **OriginBX** (*https://originbx-oasis.org/*) and the **Baseline Protocol** (*https://www.baseline-protocol.org/*), continue their work, and are likely to publish some methodologies that will be especially useful and relevant to trade transactions.

The OASIS **Business Document Exchange (BDXR)** TC continues to develop work used for federated document transport infrastructure for business document exchange, as previously reported. (*https://www.oasis-open.org/2021/11/23/as4-interoperability-profile-for-four- corner-networks-v1-0-from-bdxr-tc-approved-as-a-committee-specification/* and generally *https://www.oasis-open.org/committees/bdxr*).

- = -

Our work program of all current projects (both in open standards and open source programs) is indexed at *https://www.oasis-open.org/projects-committees/,* and our catalog of all approved work is listed at *https://www.oasis-open.org/standards/*.

Increasingly, our specifications are natively developed in *hybrid open source programs*, utilizing both open source licenses as well as terms fully compliant with ISO/IEC/ITU licensing policies. OASIS has been running complementary open standards and open source projects in parallel for decades, since SourceForge repositories of open code in 1999 supporting the original ebXML project. As ICT practices and regulation continue to evolve, we continue to refine our delivery of our traditional assurances of openness, transparency, vendor-neutrality, clear licensing, and stable long-term availability to open source work, and other new methods and domains.

As always, we look forward to continued collaboration in our global development community for open ICT standards, code and shared methodologies.

Respectfully submitted,
James Bryce Clark and Harm Jan van Burg
for OASIS