

Machinery Information Management Open Systems Alliance  
OpenO&M Technical Committee Charter – Version 1.0 - 02/05/2010

**1A. Name of the Committee**

The Machinery Information Open Systems Alliance (MIMOSA) announces the formation of the OpenO&M Technical Committee. This Committee will operate under the MIMOSA IPR Policy 005 Dated 02/05/2010 unless and until that policy is replaced by a subsequent policy based on the protocol identified in policy 005.

**1B. Statement of Purpose**

The OpenO&M Initiative was formed by a Memorandum of Understanding between ISA, MIMOSA, OAGIS, OPC Foundation and WBF. Collectively, OpenO&M is dedicated to enabling improved interoperability between people, process and systems based on open and non-proprietary standards. Each of the participating organizations plays varying roles in the overall mission based on their own focus.

MIMOSA has hosted many of the OpenO&M Meetings and conference calls and MIMOSA is forming this Technical Committee (TC) so that it can properly manage the Intellectual Property (IP) generated by the collaborative activities.

**1C. Scope of Work**

**Common Interoperability Registry (CIR)**

The TC will accept as input Version 1.0Beta of the Common Interoperability Registry (CIR) specification as published by MIMOSA on January 7, 2010. The specification is located at:

<https://backup.filesanywhere.com/fs/v.aspx?v=906a658a5f5fa7a6aa9f>

Other contributions and changes to the input documents will be accepted for consideration without any prejudice or restrictions and evaluated based on technical merit in so far as they conform to this charter.

The OpenO&M Common Interoperability Registry (CIR) Specification provides a standards-based, vendor-neutral approach for the construction of an object registration server for a single facility, an entire enterprise, or multiple enterprises. The specification details an XML language and a set of Service-Oriented Architecture (SOA) methods which an OpenO&M CIR Registry Server must support so that source client systems throughout an enterprise can harmonize and cross-reference their internal system objects.

Once the TC has completed work on the deliverable and it has become a published standard, the TC will enter "maintenance mode" for the deliverable.

The purpose of maintenance mode is to provide minor revisions to previously adopted deliverables to clarify ambiguities, inconsistencies and obvious errors. Maintenance mode is not intended to enhance a deliverable or extend its functionality. The TC will collect issues raised against the deliverables and periodically process those issues. Issues that request or require new or enhanced functionality shall be marked as enhancement requests and set aside. Issues that result in the clarification or correction of the deliverables shall be processed. The TC shall maintain a list of these adopted clarifications and shall periodically create a new minor revision of the deliverables including these updates. Periodically, normally once a year, the TC shall produce and vote upon a new minor revision of the deliverables.

Machinery Information Management Open Systems Alliance  
OpenO&M Technical Committee Charter – Version 1.0 - 02/05/2010

After the first set of deliverables, the TC will continue to work on the next versions of the specification. The next versions can address new or refine existing use cases by extending the information model, XML schema, and SOA methods as appropriate to support the use cases.

### **Information Service Bus Model (ISBM)**

The TC will accept as input Version 0.8 of the Information Service Bus Model (ISBM) specification as published by MIMOSA on October 19, 2009. The specification is located at:

<https://backup.filesanywhere.com/fs/v.aspx?v=906a658a5f5fa7a6aa9f>

Other contributions and changes to the input documents will be accepted for consideration without any prejudice or restrictions and evaluated based on technical merit in so far as they conform to this charter.

The OpenO&M Information Service Bus Model (ISBM) specification is currently at a V0.8 release and now is focused on defining a technology-neutral ISA-99 compliant security model which can be implemented using various bindings for Web-based Service-oriented Architecture (SOA) communication methods, e.g., WS-\* (Soap), REST, OPC Xi, OPC UA, AS2 [MIME-Based Secure Peer-to-Peer Business Data Interchange Using HTTP], etc.

The purpose of maintenance mode is to provide minor revisions to previously adopted deliverables to clarify ambiguities, inconsistencies and obvious errors. Maintenance mode is not intended to enhance a deliverable or extend its functionality. The TC will collect issues raised against the deliverables and periodically process those issues. Issues that request or require new or enhanced functionality shall be marked as enhancement requests and set aside. Issues that result in the clarification or correction of the deliverables shall be processed. The TC shall maintain a list of these adopted clarifications and shall periodically create a new minor revision of the deliverables including these updates. Periodically, normally once a year, the TC shall produce and vote upon a new minor revision of the deliverables.

After the first set of deliverables, the TC will continue to work on the next versions of the specification. The next versions can address new or refine existing use cases by extending the information model, XML schema, and SOA methods as appropriate to support the use cases.

### **1D. List of Deliverables**

The initial set of deliverables and projected duration:

- Common Interoperability Registry Specification V1.0 (April 2010)
- Information Service Bus Model Specification V1.0 (July 2010)

### **1E. Intellectual Property Rights Mode**

The Intellectual Property Rights Mode for the TC will be non-assertion.

### **1F. Language**

The language in which the TC shall conduct business: English

## **Section 2: Non-normative Information**

### **2A First Meeting**

Date, time and place of the first TC meeting:

9:00 AM EDT 02/11/2010, OpenO&M Meeting in conjunction with ARC Forum, Orlando, FL – Hosted By MIMOSA Open O&M Technical Committee

### **2B. Ongoing Meeting Schedule**

The OpenO&M Technical Committee will normally meet by telephone every week at 1PM ET. The time, date and recurrence of the periodic phone call will be confirmed at the first TC meeting. The meetings will last no more than two hours. Face-to-face meetings will be scheduled as is appropriate.

### **2C. Convenors**

Kenneth Bever, MIMOSA, [kbever@mimosa.org](mailto:kbever@mimosa.org)

Dennis Brandl, Brandl Consulting, [DnBrandl@BRLConsulting.com](mailto:DnBrandl@BRLConsulting.com)

### **2D. Proposed Specification Titles**

- OpenO&M Information Service Bus Model
- OpenO&M Common Interoperability Registry