

Comments on OASIS II Structural Design Task Force Report:

General:

The Task Force should cite the foundation technologies already identified by the OSC, and either recommend these, or provide alternatives and rationale for proceeding in a different direction. As cited in the Comments/Clarifications/Recommendations section, use of the term OASIS in the Coordinate Interchange Use Case may have been confusing in light of the ESC's documents stressing that OASIS is a standard interface and not one or specific set of physical computer systems. Likewise, the Task Force's use of the term OASIS Node may continue to lead readers to believe that the OASIS standards will be implemented in single OASIS node. We suggest that at least a definition be provided to the effect that an "OASIS Node" is that collection of computer systems that implement the OASIS standard interface between Market Participants and Market Operators (e.g., ISOs, RTOs, TSPs, etc.).

OASIS II Entity Relationship Diagram:

A statement should be made to the effect that this diagram is not a comprehensive description of all entities nor their relationships required in OASIS II, but is meant to illustrate the major entity components as identified in the ESC Use Cases. In particular, there is no relationship between self-schedules, bilateral schedules, clearing prices, etc., that all become "schedules".

Typical OASIS Node:

Suggest that the Data Store and Database be shown outside the bounds of the OASIS Node, or additional databases and systems outside of the OASIS Node be added. As an implementation of a standard interface, the actual "OASIS Node" will be responsible for processing information that may be scattered across many internal systems just as your Backoffice Integration section shows.

OASIS Node Interactions:

The last paragraph of this section seems to allude to some type of communications network design. The interactions diagram has no necessary relationship to a physical network topology, and any inference that it does should be removed. The interactions will be there regardless if they are mediated on a true peer-to-peer basis or as a centralized repository. The mode of communication will be different (e.g., direct database access as opposed to XML messaging), but the interactions are still necessary and will be occurring.

OASIS Actors and Use Cases:

As a point of clarification, the Use Cases intentionally modeled many actors from the NERC Functional Model. In this decomposition of functions, there is no specific references to physical entities intentionally. Physical entities within the electric industry may perform more than one function and therefore act in the role of several actors.

Comments/Clarifications/Recommendations:

In the second bullet on Usability Requirements, the UI is mentioned for exactly the same reason it is shown in the task force's OASIS Node diagram; a user interface should be provided in addition to a standard messaging interface. The degree to which the UI is standardized is subject to debate.

In the fourth bullet, System Reliability, there has been no presupposition that OASIS II, in whole or part, be implemented on the public Internet.

In the ninth bullet, Use Case Diagrams, the lines between Actors and Use Cases are not meant to show interactions between Actors.

In the twelfth bullet, Outage Data, all "view" Use Cases should indicate that access to certain data will be limited based on access controls. Outages are only one of many commercially sensitive pieces of information that will be managed through the OASIS interface.