Welcome to 'WS-Calendar: An OASIS Ground Floor Briefing' Webinar

- Presenters:

- *Toby Considine – Chair of the OASIS oBIX Technical Committee*

- *Dave Thewlis – CalConnect*

Attendee Tips

- To reduce/expand your control panel, click on the orange arrow located on the control panel 'side bar - left tab.'

- To send a question, type your question in question box at any point during the webinar – we will review questions at the end of the webinar.

- To open other browsers either click on square on 'side bar' or select view from top menu, then choose windows.

- Feel free to contact me at dee.schur@oasis-open.org, with any follow-up questions.

- The webinar will be downloadable in a few days a

- http://www.oasis-open.org/events/webinars/

WS-Calendar Kick-Off Webinar

Aligning service performance
across domains and processes

2010-02-19

ICalendar is the CIM for people and business

- You probably used it to attend this meeting
- Each semantic space has one natural home.

Services require synchronization and alignment

- *"A man with a watch knows what time it is. A man with two watches is never sure."*

Performance Alignment is one of the chief concerns of smart grids

- PAP04
- Product Defintion
- Demand Response
- Market Bids
- Generation Scheduling

oBIX research into schedule components began years ago

- Enterprise Responsive buildings require shared semantics

- Enterprise was not going to learn to talk like buildings

Emergency Response needs to share schedules

- BIFER

- First notes on WS-Calendar,2008

CalConnect was the natural partner for schedules

- First conversations in January 2009

Dave Thewlis

IETF CALCONNECT

IETF Base Calendar Standards

- iCalendar
  - Was RFC 2445
  - Updated via Calsify working group
    - Substantial CalConnect involvement
  - RFC 5545 obsoletes RFC 2445
  - IETF Standard as of November 2009
  - Allows for extensions without modifying base standard
  - Required for iCalendar to XML

IETF Base Calendar Standards

- iTIP and iMIP
  - RFC 2446 and RFC 2447 Respectively
  - Updated via Calsify Working Group
    - Substantial CalConnect involvement
  - New version of iTIP (RFC 5546) published January 2010
  - New version of iMIP due later this year
  - Not directly related to Smart Grid work at this time

CalConnect Specifications

- **XML iCalendar Representation (xCAL or xCalendar)**
  - Requires RFC 5545 for some capabilities
  - Version 1.0 published June 2009
    - Submitted to IETF as internet draft
  - Version 1.1 published November 2009
    - Minor edits and updates
    - Added specification for XML property in iCalendar
    - Accommodates updates requested by Toby Considine to support planned WS Calendar work
  - Version 1.2 due soon
    - Not required for WS Calendar

CalConnect Specifications

- Abstract Calendaring API and WS implementation
  - Work began in TC XML in November 2009
  - Standardized API for Calendaring & Scheduling functions on any platform supporting calendaring
  - First instantiation will be web services (probably both REST and SOAP)
  - Serve as input to OASIS WS CALENDAR technical committee along with xCalendar
  - First draft publication targeted for May 2010

CalConnect and OASIS

- **Reciprocal Membership established**
  - Permit flexibility in how we work together
    - ○ Joint efforts
    - ○ Exchange of specifications
    - ○ Protect work on both sides from inadvertent forking; implicit harmonization
    - ○ Focus on work, not liaison mechanisms
  - Two OASIS designees on CalConnect XML technical committee (Toby Considine and Robin Cover)
  - Dave Thewlis acting as Convenor for WS CALENDAR

Create shared understanding between enterprise, finance, buildings, and smart energy

- CalConnect
- ISO20022
- oBIX
- SG PAP04 / EMIX / Energy Interop

A common component will enhance existing management standards

- WSDM
- WSM
- BPEL
- BPEL4PEOPLE
- …

WS-Calendar Information

- OASIS and the TC welcome all interested parties to join the WS-Calendar TC.   Non-OASIS members who wish to participate may contact dee.schur@oasis-open.org about joining OASIS, see http://www.oasis-open.org/join/.

- In addition, the public may access the information resources maintained for each TC: a mail list archive, document repository and public comments facility, which will be linked from the TC's public home page at http://www.oasis-open.org/apps/org/workgroup/ws-calendar

Questions & Discussion