

EASI – Enterprise App Standards Initiative

MEETING #2 MINUTES

July 19, 2012 – 10-11am PST

Item No.	Agenda/Topic																																																						
	<p>Meeting Commencement</p> <p>Roll Call</p> <table border="1"><thead><tr><th>Name/Title</th><th>Present</th><th>Absent</th></tr></thead><tbody><tr><td>Ron Bernstein – RBCG, LonMark</td><td>X</td><td></td></tr><tr><td>Dave Robin – Automated Logic</td><td>X</td><td></td></tr><tr><td>Carl Neilson – Delta Controls</td><td>X</td><td></td></tr><tr><td>Jeremy Roberts – LonMark</td><td>X</td><td></td></tr><tr><td>Roland Ullman – Siemens</td><td></td><td></td></tr><tr><td>Bernhard Isler – Siemens</td><td></td><td></td></tr><tr><td>Klaus Waechter – Siemens</td><td></td><td></td></tr><tr><td>Steve Briggs – Facility Dynamics</td><td>X</td><td></td></tr><tr><td>Daniel Sullivan – Target</td><td>X</td><td></td></tr><tr><td>Colin Parker – Suncor Energy</td><td>X</td><td></td></tr><tr><td>Barry Haaser – LonMark</td><td>X</td><td></td></tr><tr><td>Earl Gray – Honeywell</td><td>X</td><td></td></tr><tr><td>Joe Bush – US Army Corps</td><td></td><td></td></tr><tr><td>Mike Gibson – Echelon</td><td>X</td><td></td></tr><tr><td>Tracy Markie – Engenuity</td><td>X</td><td></td></tr><tr><td>John Huston – Division 25</td><td>X</td><td></td></tr><tr><td>Anders Axelsson - Echelon</td><td>X</td><td></td></tr></tbody></table>	Name/Title	Present	Absent	Ron Bernstein – RBCG, LonMark	X		Dave Robin – Automated Logic	X		Carl Neilson – Delta Controls	X		Jeremy Roberts – LonMark	X		Roland Ullman – Siemens			Bernhard Isler – Siemens			Klaus Waechter – Siemens			Steve Briggs – Facility Dynamics	X		Daniel Sullivan – Target	X		Colin Parker – Suncor Energy	X		Barry Haaser – LonMark	X		Earl Gray – Honeywell	X		Joe Bush – US Army Corps			Mike Gibson – Echelon	X		Tracy Markie – Engenuity	X		John Huston – Division 25	X		Anders Axelsson - Echelon	X	
Name/Title	Present	Absent																																																					
Ron Bernstein – RBCG, LonMark	X																																																						
Dave Robin – Automated Logic	X																																																						
Carl Neilson – Delta Controls	X																																																						
Jeremy Roberts – LonMark	X																																																						
Roland Ullman – Siemens																																																							
Bernhard Isler – Siemens																																																							
Klaus Waechter – Siemens																																																							
Steve Briggs – Facility Dynamics	X																																																						
Daniel Sullivan – Target	X																																																						
Colin Parker – Suncor Energy	X																																																						
Barry Haaser – LonMark	X																																																						
Earl Gray – Honeywell	X																																																						
Joe Bush – US Army Corps																																																							
Mike Gibson – Echelon	X																																																						
Tracy Markie – Engenuity	X																																																						
John Huston – Division 25	X																																																						
Anders Axelsson - Echelon	X																																																						
	<p>Agenda Item #1</p> <p>Introductions</p>																																																						
	<p>Agenda Item #2</p> <p>Agenda:</p> <ul style="list-style-type: none">IntroductionsReview from last meeting – brief overviewEnd User point of view (Army Corps, Target, Suncor)Who are the industry stakeholders? – discussionDefine the objective (this is not about trying to solve the problem now)Development of an industry brief and white paper?Review action stepsNext meeting (GovEnergy?)Adjourn																																																						
	<p>Agenda Item #3</p> <p>Review from last meeting – brief overview</p> <p>Ron gave a brief overview of the project and status to date</p>																																																						

	<p>Agenda Item #5</p> <p>End User point of view (Army Corps, Target, Suncor)</p> <p>Steve Briggs – review of Army Corps status and perspective. GSA (Mark Levi) may also be very interested. Timely. Vendor adoption. DOD looking for a solution, not tied to a solution, yet.</p> <p>Dan Sullivan – Target – Perspective from end user. Software as a service. Server based issues. Keep user perspective in mind.</p> <p>Colin Parker – Suncor – Security at the enterprise level. Buildings pre-fabed and dropped to site, needs integration standards. Learn from others, industry alignment.</p> <p>John Huston – Division 25 – Competitive bid issue. Locked in to a solution. Vendor adoption is potential issue. Vendors working on their own solution. Consolidation of effort.</p> <p>Earl Gray – Honeywell – Security, availability issues. Different needs for different projects. Separate specs for front end and controls. Alarming, trending, scheduling common front end needed to perform these tasks. All in for a standard. Bottom up vs top down software. Middle ware – database standards.</p> <p>Carl Neilson – Delta – Bacnet Chair – Agree there is a need for a web interface standard. What is the right vehicle/framework for doing this work? Obix – BNWS -</p> <p>Earl – Data normalization issues.</p> <p>Dave Robin – BNWS – normalizes point data from different protocols. Common set of attributes. Normalize trend data.</p>
	<p>Agenda Item #6</p> <p>Who are the industry stakeholders? – discussion</p> <p>GSA – Mark Levi, Tim Wisner</p> <p>oBIX – OASIS</p> <p>Bacnet Web Services – ASHRAE Application interfaces</p> <p>GreenXML ? (Steve)</p> <p>SmartGrid – GreenButton Initiative - ESPI</p> <p>SEP2 – Zigbee – defining app.</p>
	<p>Agenda Item #7</p> <p>Define the objective (this is not about trying to solve the problem now)</p> <p>Suggestion to review BNWS and oBIX – what works, what doesn't.</p> <p>Adoption issues. Discussion on where the market is today. SOAP based protocol.</p> <p>Specification for normalizing the data.</p> <p>Normalized points, normalized history.</p> <p>Normalize interfaces.</p> <p>Fault detection, diagnostics.</p> <p>Profile definition.</p> <p>Trends.</p> <p>Multi-vendor support – at the enterprise level.</p>
	<p>Development of an industry brief and white paper?</p> <p>Define from end user perspective, what does it have to support.</p> <p>What do I want this to do?</p> <p>Structured profiles.</p>
	<p>Review action steps</p>

	Dave – review ESPI, BNWS on next call. Earl - Toby/Tridium – oBIX Barry – SEP2 – Greg Enis, Head of CCEP? Edgar. Define from end user perspective, what does it have to support.
	Next Meeting Late August – Ron to send out Doodle Topics: BNWS overview and status 10 min oBIX overview and status 10 min SEP2 overview and status 10 min
	Meeting Adjourned
	<u>Action Items</u>
1	Barry Haaser – contact person at SEP2 (Greg Enis of CCEP?)
2	Dave Robin – prepare and present a summary of BNWS on next call
3	Earl Gray – Contact someone at oBIX to get a summary and status
4	Ron Bernstein – set up Doodle for next call – Target end of August
5	Ron Bernstein – publish meeting minutes and recording
6	Steve Briggs – engage contact at GSA (Mark Levi and Tim Wisner w/Ron)
7	All – Agenda items for next meeting – send to Ron
8	All – Invitations to join group – who do you think would add value/benefit? Send to Ron

'Carl Neilson' <cneilson@deltaccontrols.com>; 'Dave Robin' <d robin@automatedlogic.com>; 'Jeremy J. Roberts' <jeremy@lonmark.org>; 'roland.ullmann@siemens.com'; 'Bernhard Isler' <bernhard.isler@siemens.com>; 'waechter.klaus@siemens.com'; 'sbriggs@facilitydynamics.com'; 'daniel.j.sullivan@target.com'; 'Colin Parker' <cparker@suncor.com>; 'Barry Haaser' <barry@lonmark.org>; 'earl.gray2@honeywell.com'; 'Tracy Markie' <tracy@engenuity.com>; 'Joe Bush' <joseph.bush3@us.army.mil>; 'Mike Gibson' <mgibson@echelon.com>; 'hustonjc@division-25.com'; 'mikeg@echelon.com'; 'Anders Axelsson' <aaxelsson@echelon.com>