Introduction & Short History of the BIMForum

John Tocci, Sr. Tocci Building Companies
HISTORY OF THE BIMFORUM
THE INDUSTRY HAS BEEN DERAILED
THE STATE OF THE INDUSTRY

17.5% of worker fatalities during 2011 in private industry were in construction

OSHA Common State 2012

38% of carbon emissions in the U.S. are from buildings


30% of projects do not meet schedule or budget

CMAA Industry Report - 2007
92% of project owners said that architects' drawings are typically not sufficient for construction.

$15.8 billion annual costs from lack of interoperability in the construction industry.

7.5% of costs on construction projects are change orders.

35% of landfill space in the United States is taken up by construction waste.
“We're here to get this thing back on the rails.”

Darth Vader
GEN 1

What is this BIM stuff and how does it work?

Washington DC May 2006
GEN 1
Pop Tarts “How do I get this goodness in me”
STANDARDS

1

Setting basic rules of engagement
STAKEHOLDER SUBFORUMS
GEN 2
Show me how this works
THE RISING STANDARD OF CARE

New levels of performance + Rising Owner expectations

2009 Pine Hills NC
BIM & LEAN
Untangling design + Managing high performance teams

Kansas City, 2011
ROI²
Telling the truth about BIM savings
Washington DC 2011
ROI²
Telling the truth about BIM savings

Washington DC 2011
THE HUMAN SIDE OF BIM

Making teams work

2013
<table>
<thead>
<tr>
<th>Focus Areas</th>
<th>Owners</th>
<th>Designers</th>
<th>Builders</th>
<th>Technology Providers</th>
<th>Educators</th>
<th>Attorneys, Brokers and Bankers</th>
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<tbody>
<tr>
<td>Policy and Standards</td>
<td>Produce and publish up-to-date standards used to procure and produce efficient BIM projects.</td>
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<td>Research and Development</td>
<td>Develop research to quantify the productivity gains made by the use of BIM in Construction.</td>
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<td>Industry Leadership and Advocacy</td>
<td>Encourage the adoption of BIM for full-project use to benefit to owners, contractors and A/E's</td>
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<td>Education and Training</td>
<td>Define best practices, develop standards and educate practitioners on practices and standards</td>
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<td>Risk and Insurance</td>
<td>Define and quantify risk profile and demonstrate with actuarial data that BIM decreases design and Construction Risk</td>
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GEN 2 THEMES

- Modular and Prefab
- Advanced Project Delivery
- Where does Design end and Construction begin?
- AIA TAP Awards
STANDARDS II
Exactly how much and when...
GEN 3
To Infinity and Beyond (BIM)
Denver 2013
GEN 3
BIM and Beyond
Denver 2013
OPTIMIZING DESIGN
Patrick Macleamy
OPTIMIZING CONSTRUCTION

Perfection at the Connection
Dallas 2014
LOVE,
PEACE AND HAPPINESS
GEN 3 GOALS

- Broad Industry Coalitions
- High Performance Index
- Deep BIM and Collaboration Standards
- International Cooperation
What openBIM Does

Find out how OpenBIM can help you with this short four-minute video.

The worldwide authority driving transformation of the built asset economy through creation & adoption of open, international standards.

What is openBIM? ➤
What are IFC Standards? ➤
What’s in it for me? ➤
Why buildingSMART? ➤
Our Standards ➤
Review a list of published buildingSMART Standards
Compliant Software ➤
Review all software successfully tested for compliance with buildingSMART Standards
Membership ➤
buildingSMART International is now open for membership by institutions, companies, governments, and individuals.
Sponsorship ➤
Our work requires support from community.
TO GO FROM THIS...
TO THIS...
TO THIS
Why this theme and why now?
“Give me six hours to chop down a tree and I’ll spend the first four sharpening the axe”

Abraham Lincoln
If you could get all of the people in an organization rowing in the same direction you could dominate any industry, any market, against any competition, any time”

Patrick Lencioni
THE BIMFORUM

A Brief History

October 20, 2015