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Current Events

MDC[®] INDUSTRY EVENTS

Pennsylvania Society of Professional Engineers (PSPE) Boot Camp
Pittsburgh-Cranberry, PA
McCue 4 PDH Hours
Forensic Project Management
June 7, 8 and 9, 2015
[More Info](#)

2015 ASHRAE-Philadelphia Chapter Presentation
Philadelphia, PA
Connecting Green Building Outcomes to Enterprise Sustainability Programs,
May 14, 2015

Building Information Modeling (BIM): Boone or Bane?

Written by [E. Mitchell Swann, PE](#), MDCSystems[®] Engineer

MDCSystems[®] is aware of numerous large projects exhibiting major problems despite the 'spectacular' abilities of Building Information



Modeling (BIM) and other project technologies. Some of these projects have been highlighted in recent industry publications and legal filings. These issues often fall into several common areas which are summarized below.

- Implementation of the Building Information Modeling (BIM) technology
- Development of the base BIM model
- Failure to maintain the BIM model as work progresses
- The "irrational exuberance" of 'computer-world' accuracy (aka "false precision")
- Insufficient data development (thin content or 'dumb light' models)
- Real to virtual drift - failure to as-built the model (reduces the effectiveness of the BIM model for life cycle asset management)

Any of the above cited areas can result in unexpected (and under budgeted) changes in the project resulting in a cascade of further uncoordinated changes in the field impacting construction efficiency, time and quality and ultimately cost in both "bricks and mortar" and operations (and sometimes hair or sleep).

MDC[®]'s experience with both Building Information

Swann Distinguished Lecturer
[More Info](#)

**AIA - Pittsburgh Chapter
Grow by Design
Pittsburgh, PA**

*Green Building Outcomes and
Sustainability Programs*
April 23, 2015
Swann Presenter/Lecturer
[More Info](#)

**2015 ASHRAE-Birmingham
Chapter Presentation
Birmingham, AL**

*Alternate Dispute Resolution in
Construction, April 22*
Swann Distinguished Lecturer
[More Info](#)

**2015 ABA Construction
Forum, Annual Meeting,
Boca Raton, FL**

*Construction Lawyer's Bucket
List Conference*
MDC® exhibited on April 16-18
[More Info](#)

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Modeling (BIM) and
"enhanced CAD"
technologies is that just
putting a new tool in the
design-construct process
toolbox is not enough. The

mere existence of this new 'tool' does not change the basic requirement to perform a comprehensive conceptual design, coordinate the design elements prior to issuing IFC* drawings, review and input specific equipment selections and promptly recognize and process design developments and change orders that are part of every undertaking. These are all basic PMBOK (Project Management Body of Knowledge) project management tasks that must always be performed but are not necessarily visible to the casual observer.

[Read More](#)

MDCSystems® Attended the ABA Construction Forum's Annual Conference Waldorf Astoria, Boca Raton, FL, April 16-18

MDCSystems® exhibited at the Construction Lawyer's Bucket List Conference in beautiful Boca Raton, FL, for the 2015 Annual Meeting of the American Bar Association's Construction Forum.

Thank you to everyone who stopped at our display to learn more about MDCSystems® and our professional capabilities.

A special congratulations to **Matthew Gillies, Vice President/Senior Attorney with HNTB**, who won our exhibit giveaway -- an MDC® cooler full of baseball and summer goodies.

Look for MDCSystems® at The Construction ADR Summit, October 8-9, 2015, in Austin, Texas.

[Read More](#)





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