



## Design On Demand: BIM Value Propositions

### Course Description

The design professional will assess multiple Design-On-Demand BIM-based processes; that create project deliverables for a Just-In-Time (JIT) project workflow. Evaluate how a BIM Level-Of-Development (LOD) Specification serves as a team playbook for contractually assigning BIM roles and responsibilities for producing contract documentation. Investigate how LOD ensures consistent BIM product-model creation with defined levels of graphic detail and product data. Discover how several BIM Value Propositions create BIM Deliverables at the 'speed of design and construction'. In turn, they become valuable tools for client communications, project marketing, on-time scheduling and budgeting.

### Class Objectives

Upon completion of this course, the design professional should be able to

1. **Identify** eleven valuable BIM-based Design Processes for accessibility, life safety, material selection, daylighting simulations, and space planning for the Facility Designer.
2. **Evaluate** how quality building-product manufacturers' BIM models create contractual deliverables; that meet projects' BIM Execution Contracts and Levels-of-Development (LOD).
3. **Assess** common BIM Processes & Tools for successful Accessible Design.
4. **Recognize** how building-product manufacturers' BIM specification data is embedded, retrieved and synchronized to provide improved coordination between disciplines, more accurate drawings, specifications, schedules and keynoting.
5. **Describe** BIM Visual Design and Data Management Tools, that expedite creation of well-coordinated documentation between design, construction and facility management teams.

# Daniel Hughes

## Bradley VDC Strategist | Specifications & ADA Specialist



- Grow\Manage Bradley Global VDC Initiative for Design+Construction
- National Educational Author & Speaker (AIA, CSI, AGC, IFMA)
- National Technology Consultant, CAD/BIM Implementation-Trainer
- Corporate Owner 15 Years | Chicago Metro Market
- Served with 5 WI Architectural-Engineering Firms



Gensler \* Interior Architects (IA) \* SOM \* VOA \* Epstein \* Smith+Gill \* HOK \* RTKL \* Perkins+Will \* AECOM \* ross barney



Turner Construction \* Clark \* Kiewit \* USACE \* Gilbane \* HDR \* KEO \* HKS \* Skanska USA \* Stantec \* Jacobs \* Mortenson



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#### Daniel Hughes | Industry Bio & Credentials

Mr. Hughes serves as Bradley Corporation's VDC\BIM Strategist for the **Bradley VDC-Assist Initiative**. He serves as a Specifications & ADA Specialist supporting Bradley Sales, Engineering, Marketing and Client Care departments servicing design & construction clients. The Bradley BIM\Revit Library of 1,000 Revit product models serves as the core to all virtual design tools.

Since 2002, he has provided technical and project consulting on more than \$5 billion of client Revit projects, while providing in-depth Revit training to over 700 AEC professionals.

He owned an Autodesk Software Reseller-Consultancy for fifteen years and served nine years with five Wisconsin architectural and engineering firms.

Mr. Hughes' printed works and accredited VDC\BIM, ADA & Safety CE presentations, have served thousands of members from numerous AEC associations.

He brought these in-person CE classes to UAE-Dubai\Abu Dhabi, Kingdom of Saudi Arabia, Cairo Egypt, Kuwait and Jordan. 800 design professionals, from 50 firms attended his classes onsite in their offices during business hours.