

1. Record Nr.	UNINA9910460410103321
Autore	Hardin Brad
Titolo	BIM and construction management : proven tools, methods, and workflows / / Brad Hardin, Dave McCool ; book designer, Franz Baumhackl
Pubbl/distr/stampa	Indianapolis, Indiana : , : Sybex, , 2015 ©2015
ISBN	1-118-94277-9 1-118-94278-7
Edizione	[Second edition.]
Descrizione fisica	1 online resource (xxiii, 375 p.) : ill
Disciplina	690.0285
Soggetti	Building information modeling Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. Why Is Technology So Important to Construction Management? -- 2. Project Planning -- 3. How to Market BIM and Win the Project -- 4. BIM and Preconstruction -- 5. BIM and Construction -- 6. BIM and Construction Administration -- 7. BIM and Close Out -- 8. The Future of BIM -- Index.
Sommario/riassunto	A sleeker, more comprehensive approach to construction projects. BIM and Construction Management, second edition is a complete integration guide, featuring practical advice, project tested methods and workflows, and tutorials for implementing Building Information Modeling and technology in construction. Updated to align with the latest software editions from Autodesk, Trimble and Bentley, this book provides a common sense approach to leveraging BIM to provide significant value throughout a project's life cycle. This book outlines a results-focused approach which shows you how to incorporate BIM and other technologies into all phases of construction management, such as: Project planning: Set up the BIM project to succeed right from the start by using the right contracts, the right processes and the right technology; Marketing: How to exceed customer expectations and market your brand of BIM to win. Pre-construction: Take a practical

approach to engineer out risks in your project by using the model early to virtually build and analyze your project, prior to physical construction. Construction: Leverage the model throughout construction to build safer and with better quality. Field work: Learn how mobile technologies have disrupted the way we work in the field to optimize efficiencies and access information faster. Closeout: Deliver a better product to your customer that goes beyond the physical structure and better prepares them for future operations. Additionally, the book provides a look at technology trends in construction and a thoughtful perspective into potential use cases going forward. BIM and Construction Management, second edition builds on what has changed in the construction landscape and highlights a new way of delivering BIM-enabled projects. Aligning to industry trends such as Lean, integrated delivery methods, mobile platforms and cloud-based collaboration this book illustrates how using BIM and technology efficiently can create value". (Sybex)

---