Design Prefab with BIM
From Lonely to All-In
Markets:
Science, Technology & Industrial  I  Transportation  I  Federal & Local Government  I  Private

Services:
Architecture  I  Interior Design  I  Entitlement  I  Consulting Services  I  Construction Phase Services  I  Building Information Modeling (BIM) & Drafting
Broader Spectrum

PREFAB

BIM

#BIM&Prefab
Lonely BIM
All-in
Middle Ground
Three Projects:

Denver Union Station

National Institute of Standards & Technology

Denver International Airport
Denver Union Station (DUS)
At Risk P3: DUSPA

Design Build Team: Kiewit AECOM

Project Architect and Designer: SOM
DUS: Modular and Prefab
DUS: BIM Injection
DUS: BIM Injection
DUS: Lessons Learned
National Institute of Standards & Technology (NIST)
Design Bid Build under IDIQ

Designer:
SmithGroup JJR

Architect of Record:
Iron Horse Architects, Inc.

Contractor:
DRG Construction
NIST: Prefab
NIST: Lessons Learned
Denver International Airport (DIA)
DIA: Overview

Project Delivery Method:
CMGC

Project Designer and Architect:
Gensler

Project Architect:
Anderson Mason Dale

Construction Team:
MHS Triventure (Mortensen, Hunt, Saunders)
DIA: Modular and Prefab
DIA: Lessons Learned
DIA: Lessons Learned
What’s Next?

Designer models informing prefab workflows
Advancing attitudes rather than advancing technology
Increasing emphasis and evolution of BIM contracting
Clients/Owners looking for more O&M information
Beyond What’s Next…
Construction Science Fiction
...in 3D!!!
And Modular
Conclusion

Keys to Successful BIM/Prefab:

Communication

Flexibility

Never underestimate what’s possible