

National BIM Standard - United States™ Version 2

4 INFORMATION EXCHANGE STANDARDS

Chapter 4.1 Introduction to Information Exchange Standards

This section includes documents that outline information exchange standards through process modeling, information delivery manuals (IDM), and their correlating model view definitions (MVD) developed to guide information exchange protocols which have been tested and documented for the following applications:

- Construction Operations Building Information Exchange (COBie)
- Design to Spatial Program Validation
- Design to Building Energy Analysis
- Design to Quantity Takeoff for Cost Estimating

Information exchange occurs at many different levels and stages from building design through to construction. Projects utilizing BIM enabled applications are particularly in demand of an integrated information exchange because of the need for centralization of information, which are in various formats both in modeling and team coordination practices, and interoperability of the applications for efficient exchanges. This section of NBIMS-US will grow as more portions of the building process are outlined in formats of IDM and MVD to form coordinated standard methods and guides for better information exchanges.