

# What is a bSa Challenge?

a presentation for bSa information exchange day

by bill.east@us.army.mil



# an independent assessment to determine if software can produce or consume NBIMS-US



## information producers:

- format
- content

#### information consumers:

- correct import
- consistent usage

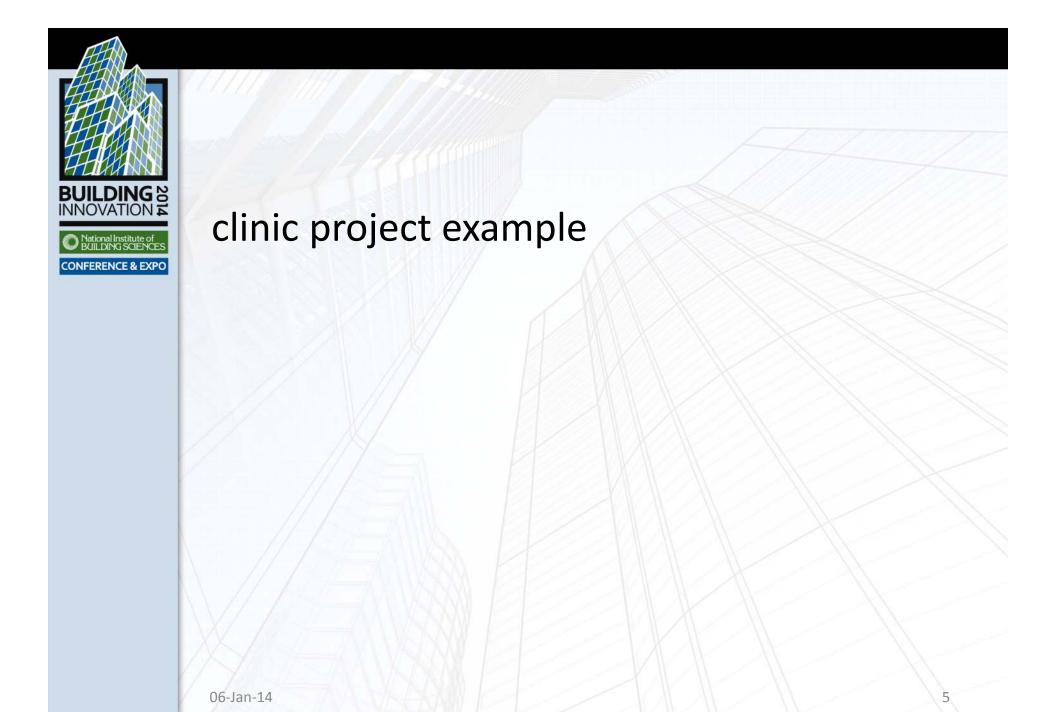


#### common model:

- Medical Clinic Model
- construction contract drawings
- format independent
- responsibility matrix
- precedence of multiple model merging

## testing:

- common testing program
- design and construction reports





### results:

- native models
- plug-ins, configuration files, setup instructions
- output file tested
- results report
- assessment report
- published through bSa Means & Methods Page



## a reflection of development cycles

- demonstration
- implementation
- refinement
- popularization

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## planning and design challenge

#### **Building Programming information exchange (BPie) Demonstration**

- dRofus
- Onuma System

#### Construction Operations Building information exchange (COBie) for Design

- AutoDesk
- Graphisoft

#### **Design Data Management Solutions**

- AutoDesk
- EcoDomus
- Graphisoft
- Onuma System



## construction challenge

#### **COBie for Construction Update**

- Case Study Report
- Open Source Android Apps for COBie
- Models and COBie Templates

#### **COBie for Construction and Commissioning**

- 4Projects
- ASite
- Quicx
- EcoDomus
- FacilityGrid
- Onuma System

**Inaugural COBie Construction Team Meeting** 



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