Gilles Letourneau, AIA CSI General Manager A/E Product Avitru, LLC

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Danial Newman, writing for Forbes Magazine: "Millennials ... use this collective filter to sort out research and other word-of-mouth style information when making decisions."

How do we build appropriate tools for this new generation of Architects and Engineers?

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"Just the data we need, at the time we need it, for what we need it for."

How we get thereBuild some raw materials

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• Build some raw materials

- 2.3 FLUSH WOOD PANELING (WOOD-VENEER WALL SURFACING)
 - A. Grade: [Premium] [Custom] [Economy].
 - B. Wood Species and Cut: [White oak, rift sliced] [Select white ash, plain sliced] [Sycamore, plain sliced] [Cherry, plain sliced] [Butternut, plain sliced] [Avedire, quarter sliced] <Insert species and cut>.
 - C. Veneer Matching Method:
 - Adjacent Veneer Leaves: [Book] [Slip] [Pleasing (Random)] match.
 - 2. Within Panel Face: [Running] [Balance] [Center-balance] match.
 - Adjacent Veneer Leaves and within Panel Face: Slip, center-balance, or book match.
 - D. Panel-Matching Method:
 - No matching is required between adjacent panels. Select and arrange panels for similarity of grain pattern and color between adjacent panels.
 - [Premanufactured panel sets used full width] [Premanufactured panel sets selectively reduced in width] [Made-to-order, sequence-matched panels] [Made-to-order, blueprint-matched panels and components] within each separate area.



Labeled boxes for fast and easy retrieval and delivery

How we get thereBuild some raw materials

• Put it into labeled boxes

Packing raw materials

• Put it into labeled boxes



Assemble boxes into classified constructs



Ensure boxes are self sustainable



Allow deployment via recipes



Labeled Boxes (Detail Specs)





Interior Door components

MasterFormat:

Section 079200 – Joint Sealants Section 081213 – Hollow Metal Frames Section 081426 – Flush Wood Doors Section 087100 – Door Hardware Section 099300 – Staining and Transparent Finishing



Boxes in boxes (Assemblies)



Interior Door Assembly UniFormat: C1030.10 – Interior Swinging Door (Meeting Performance Parameters)

Assemblies of boxed assemblies

(Meeting Functional Parameters)





• Autonomous and Agnostic data objects

- -----

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 Product type data templates

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- Product type data templates
- Classifications applied to data for desired output.

• Platform that serves "Just the data we need, at the time we need it, for what we need it for."



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 - Will serve boxes big and small
 - Every box will have the latest up to date goodies
 - Every box will have whats needed for whatever I'm doing at the time

Thank you

