WHAT IS GREEN?

Is it possible to have a green project... 
Without a green process?
CONNECTING DESIGN-BUILD-USE & LIFE

What we design.

What we build.
ONE-TO-ONE
One piece of information in one table references one piece of information in another table.

MANY-TO-MANY
Each record in two tables can relate to numerous records in the second table (Person and their address fields).
THE BLACK HOLE RESULT

• All relationships must be pre-defined
• Information fields are defined by programmer not user
• One program doesn’t talk with the next
• Functionality is complicated
• Information is duplicated
• Comparisons are difficult or impossible
TYPICAL DESIGN & CONSTRUCTION BUSINESS WORKFLOW

1. Lead generation
2. Sales Process
   - Determination of scope
   - Create Estimate
   - Provision of scope
   - Contract inclusions & exclusions
   - Requesting vendor bids
   - Validating vendor scope
   - Contract generation & scope finalization
   - Payables & Receivables
3. Resource planning & time management
4. Schedule generation & coordination
5. Communication tracking
6. Project planning & scope
7. Collaboration
8. Problem resolution
9. Scope management & change orders
10. Project closeout
11. Payables & Receivables
12. Pipeline analysis & opportunity prioritization

THE DISPARITY SPIRAL OF DESIGN & CONSTRUCTION

- Preliminary Design & Progress
- Sales
  - Estimating
  - Contract Generation
  - Project Planning
  - Collaboration
- Finance
- Documentation
- Material Takeoff
- Create Estimate
- Provision of scope
- Contract inclusions & exclusions
• Sales
  • Lead generation
  • Sales process
  • Opportunity Assessment

• Estimating
  • Scope determination
  • Material takeoff
  • Estimate generation
  • Provision of Various Vendor Scopes
  • Requesting quotes (RFP/RFQ)

• Contract Generation
  • Validation of Vendor Scope
  • Contract and Scope document creation
  • Schedule Generation & Coordination

MS Project
Primavera
Salesforce
Salesnet
Revit
Navis Works
iSqFt
Proest
BlueBeam
Procore
eSub
QuickBooks
Foundations
Sage
Word

• Project Planning
  • Resource Planning
  • Resource Scheduling

• Collaboration
  • Multi-Company Coordination

• Construction Management
  • Problem Resolution
  • Sequencing
  • Scope Management & Change-Orders

• Finance
  • Invoice Generation

• Documentation

• Communication Tracking & Log

• Project Closeout
A NEW APPROACH

The result:

• Get to anywhere from anywhere.
• Information is only stored once but accessible everywhere.
• Information can be easily compared and accessed.
• Information becomes the pathway to more information.
  • Pull-down menus and buttons become unnecessary.

3D Data Modeling: Unlimited nodes containing an unlimited number of nodes that can access an unlimited number of nodes.
GOOD AFTERNOON CRAIG
WELCOME TO VIZ
PEOPLE
PLACES
THINGS
KNOWLEDGE
COMMUNICATION
GROUPS
TASKS & WORK-FLOW
INVENTORY
EQUIPMENT
EVENTS
PROJECTS
PHOTOS
PROJECTS
GRAPHICS
DOCUMENTS
INTELLIGENT COLLABORATION DOESN’T LOOK LIKE THIS

SO WHAT DOES INTELLIGENT COLLABORATION LOOK LIKE?
Conference furniture selection:
4:00 – 6:00 PM; Aug 20, 2017
DSI Offices – Main Conf. Room
Mike W, Jeff F, Brian B, etc.
Jolley Ave. Development Cntr.
**Table isn't heavy enough for area**

**Provide:** TPI

**Ball in Court:** Tom Smith of ABC

**Status:** Pending response

**Due date:** 01/01/2018

**Approver:** Mike W

**Item:** Conference Table

**Mfg:** Kingdom Woodwork

**Provider:** Haverty Furniture

**Finish:** White laminate 104

**Finish 2:** Teak finish legs

**Finish 3:** Teak top edge trim

**Delivery:** 04/15/2018

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**Meeting**

*Conference furniture selection*

4:00 – 6:00 PM; Aug 20, 2017

**Location:** OSI Offices – Main Conf. Room

**Attendees:** Mike W, Jeff F, Brian B, etc...

**Address:** Jolley Ave. Development Ctr.

**Time:** 4:00 – 6:00 PM; Aug 20, 2017

**Meeting type:** Conference furniture selection

**Location:** DSI Offices – Main Conf. Room
Mitch Hughes
CEO: Sr. Partner