Innovation Design Consortium

2025 Annual Report

41 Founding Member Firms

Additional Founders are still Welcome!

IDC

Board of Directors

Peter Devereaux, FAIA
Board Chair
HED

Randy Gibson, S.E., P.E., AIA
Board Secretary
Gresham Smith

Steven Lichtenberger, AIA
Board Treasurer
LEO A DALY

Roxanne Malek, AIA, DBIA,
LEED AP BD+C
SmithGroup

Brad Lukanic, AIA
CannonDesign

Steve McConnell, FAIA
NBBJ

Janet Simpson, ASID, IIDA,
AIA
TVS

Executive Committee

Brooke Grammier, CIO, MBA
Ex-Com Chair
CannonDesign

Greg Schleusner, AIA
Ex-Com Secretary
HOK

Bob Rayes, AIA, Attorney,
NCAD.DC, MBA, PMP
Corgan

Dan Knowles, CIO
Little

Stephen Held, CIO, MBA
LEO A DALY

Heath May, AIA
HKS

Steering Committee

Defines and prioritizes initiatives that will be sent to the Ex-Com and Board for approval and funding. They are responsible for keeping their respective firm's leadership informed regarding activities of the IDC. Monthly virtual meetings are led by the Ex-Com Chair.

1-2 representatives appointed by each member firm's CEO

Zee Hill
IDC Director of Operations

- First full-time employee

- Previous experience in the AEC industry

- Focus on operations, project management and administrative duties

Contact email:

Zhill@innovationdesignconsortium.com

Be sure your organization has this domain white-listed to receive email updates from her and others.

Innovation
Design
Consortium

The Innovation Design Consortium (IDC) is an organization of the most prestigious architecture and engineering firms in the world focused on the advancement of the Architecture, Engineering, and Construction industry through technological innovation and partnerships.

Position Statement

...and independent person to coordinate and assist in the ...a wide range of activities.

- Prepare RFPs, analyze... board of directors
- Assist with documentation, report writing, policies, procedures, templates, and other administrative tasks
- Investigational and analytical skills with a proven ability to communicate effectively in verbal and written formats with leadership
- Analyze strategic growth opportunities and provide business analysis (financial models, due diligence, business case writing) for review with the executive committee
- Manage multiple projects simultaneously while ensuring attention to detail, proper documentation, and timely completion
- Administration for IDC applications such as Microsoft 365, GoDaddy, GitHub, and others.

Skills

- Strong in Microsoft 365
- Data analytics, reporting, and visualization capabilities through dashboards and reporting metrics

Communications

InnovationDesignConsortium.com

More information on initiatives will be uploaded in 2025 to include videos, updates, and more

LinkedIn Page

Like and follow for the latest happenings

Speaking Engagements

Several LFRT Meetings

PSMJ AEC Innovate Keynote

ACEC IT Leaders

AEC IT Leaders

Cornell's Urban Tech Summit

AIA National Conference 2025

Egnyte Global Summit 2025

Additional proposals awaiting approval for 2025

Innovation Design Consortium

ABOUT   OUR VISION   INITIATIVES   RESOURCES

MEMBERSHIP

LOGIN

A platform where we, leading industry design professionals, collectively develop key initiatives, tools and products for our profession.

What Is IDC

The purpose of consortium is to raise, budget, spend funds and enable collaboration in support and development of technology platforms / software, promotional or open-source activities relating to defining, promoting and improving technology and tools for the architecture, engineering and construction industry in four key areas: Performance and Sustainability, Data-sharing Platform, Operational Efficiencies, and Redefining Project Delivery.

Completed Projects

Antitrust Compliance

Policy Developed
Training Completed

- IDC is a consortium of industry professionals working collaboratively for the good of the profession, customers, suppliers, and others

- We must avoid talking about pricing, marketing, quantities, supply, geographic markets, and R&D topics

- Even regarding IDC initiatives, each member firm makes unilateral decisions on their implementation

- No talking among IDC members at meetings about customers or suppliers unrelated to the IDC initiative

Value to Individual Firm: *Greater innovation in the market due to the promotion of healthy competition, resulting in a positive economic impact*

Shared Digital Content Agreement

- Provides framework for sharing of content including data, research, code and other digital material.

- All member firms have signed.

Value to Individual Firm: *Increased innovation, improved efficiency, better risk management, cost savings, and the ability to leverage collective industry capabilities to make better decisions, develop new products, and optimize operations leading to increased revenue and profitability*

AI Policy Guidance

- AI policy guidance document to help firms, the IDC and the industry begin to chart a path in the use of AI tools

- A separate risk document developed by the IDC IP attorney that this document will reference

- AI urban practice group from Cornell Tech developed the policy guidance document with AI committee guidance

Value to Individual Firm: *Each firm is estimated to save hundreds of hours in time doing research on tools, IP, usage, and risk, along with potential legal fees. A few firms conservatively reported a realized value of ~$35k in people's time.*

Innovation Design Consortium: AI Guidance

JACOBS INSTITUTE AT CORNELL TECH

November 2023 | Version 1.0

Shared Digital Content Libraries

- Developed shared libraries in SharePoint and GitHub, which allows firms to share code, tools, content, and workflows
- Developed governance/rules of engagement, and mechanisms of collaboration
- Providing ongoing maintenance

Value to Individual Firm: *Increased innovation, improved efficiency, better risk management, cost savings, and the ability to leverage collective industry capabilities to make better decisions, develop new products, and optimize operations leading to increased revenue and profitability*
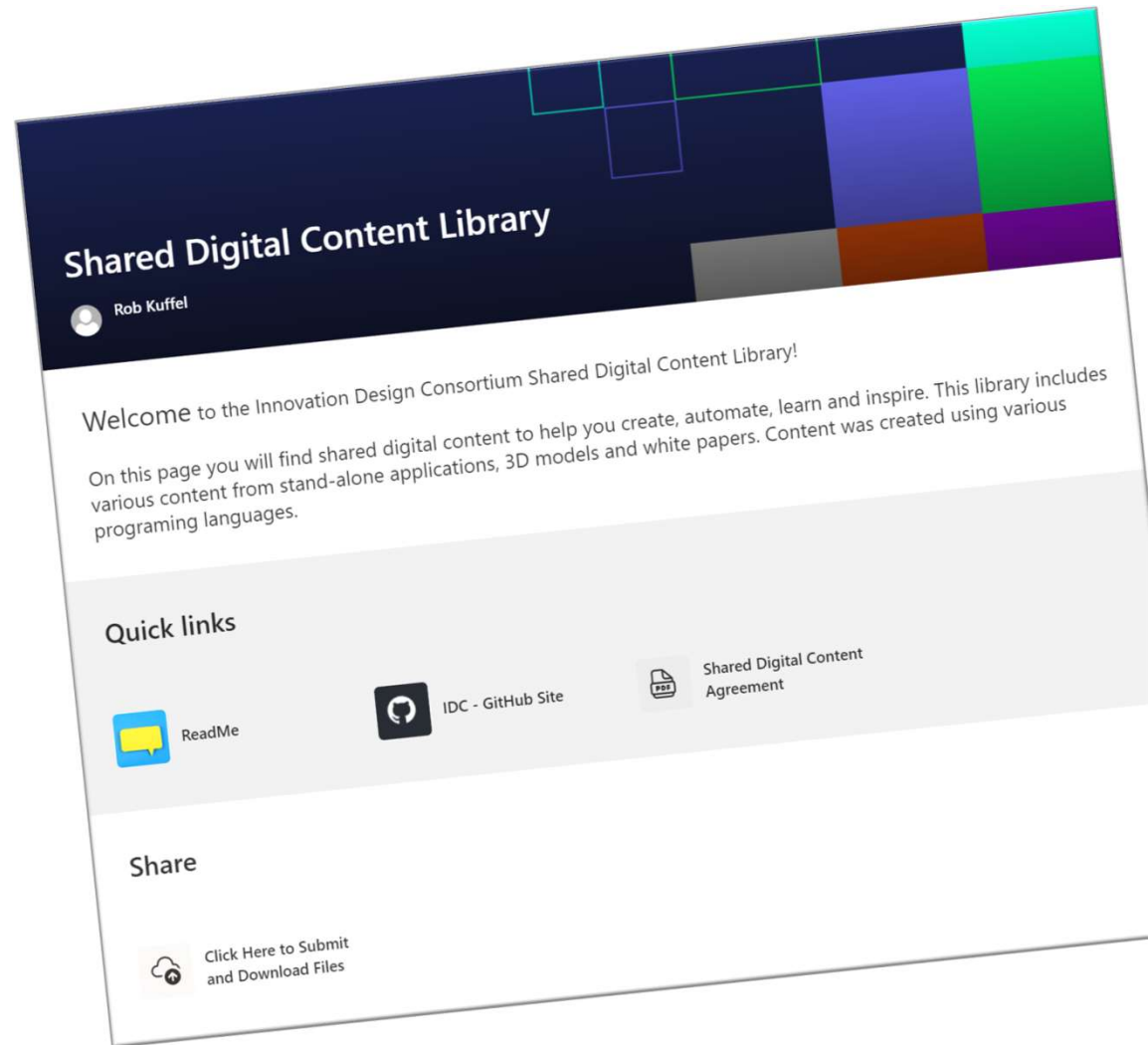
Revit Standards Panel 1.0

- Establish a project process template including the frameworks, platforms, and expectations enabling consistency towards standardization in model delivery

- Areas of Focus: materials (properties), rooms (core data), issues (communication)

- Platform is open source allowing firms to take what the IDC provided and build on top of it for a customized experience

Value to Individual Firm: *Limited ROI, provided key learnings for the version 2.0 that is starting deployment now.*
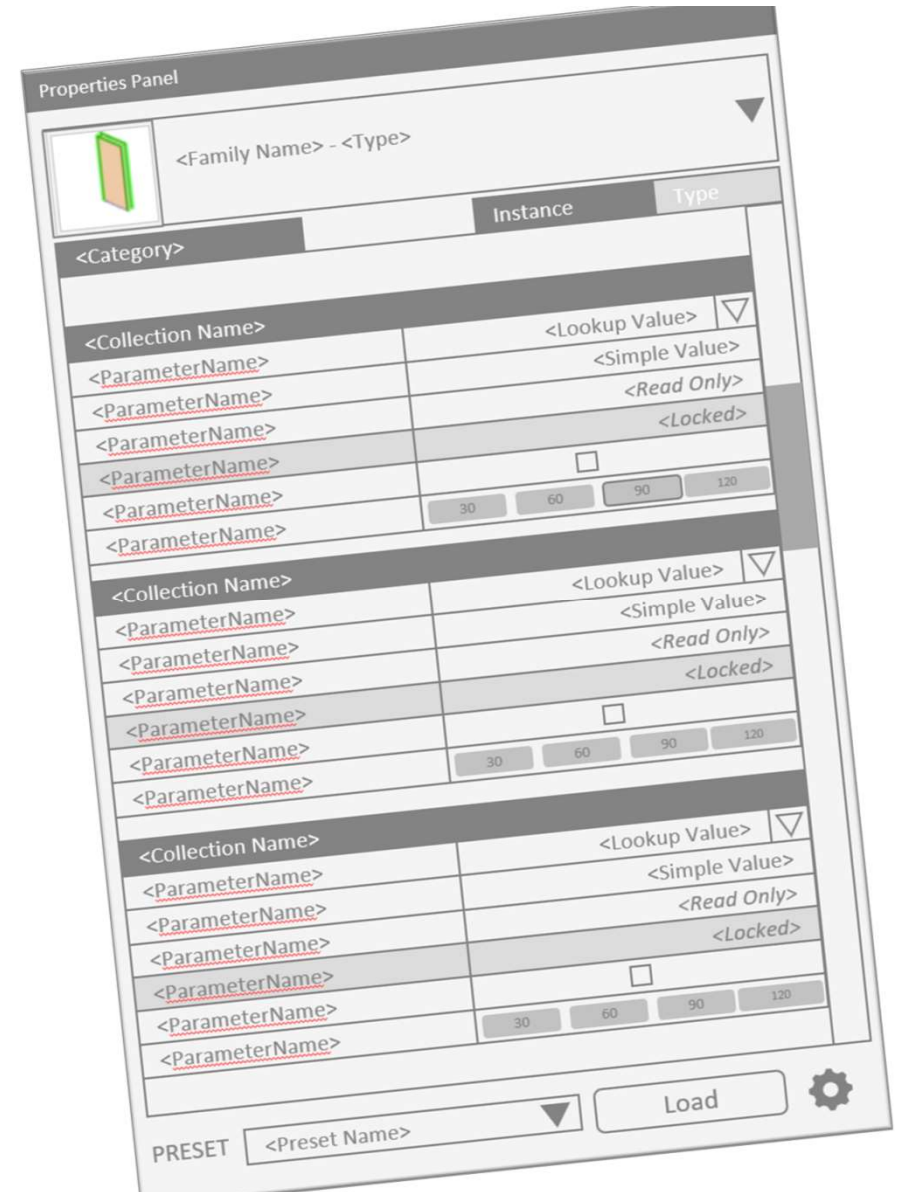
AI Infrastructure Guide

- Standardized Linux and Docker Infrastructure Templates for AI Projects
- Enable Firms to Easy Standup Local and Remote AI Services
- MS Teams Chat POC to easily integrate
- Will Service as the foundation for future AI, and Data services Efforts

Value to Individual Firm: *Gain quick access to expertise on simplifying AI deployment processes that is not common in AEC, but necessary for AI Efforts*
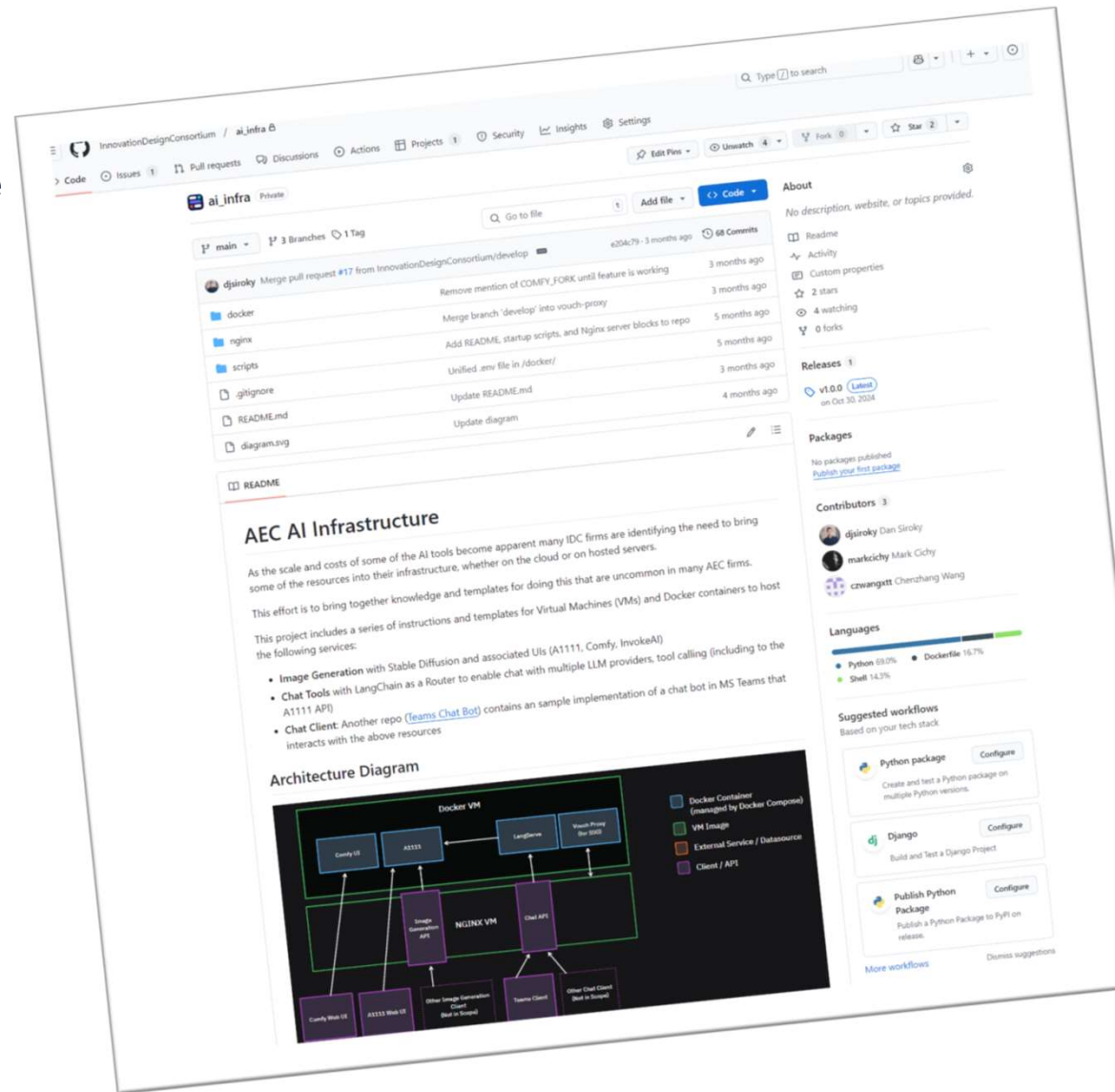
Active Projects

Data & AI Strategy

Engagement with DS30
Volker Buscher

- Accelerate the development of creativity through Data & AI to advance the AEC industry. Data-enabled sustainability is an integral part of this work.

- Accelerate components of the Data & AI deployment within firms through collaboration and co-creation as IDC members. Establish a common framework for Data & AI capabilities as a foundation for more advanced industry wide change and collaboration.

- Create a Market Architecture for Data & AI accross the architectural ecosystem that enables decentralized sharing and polling of data if required.
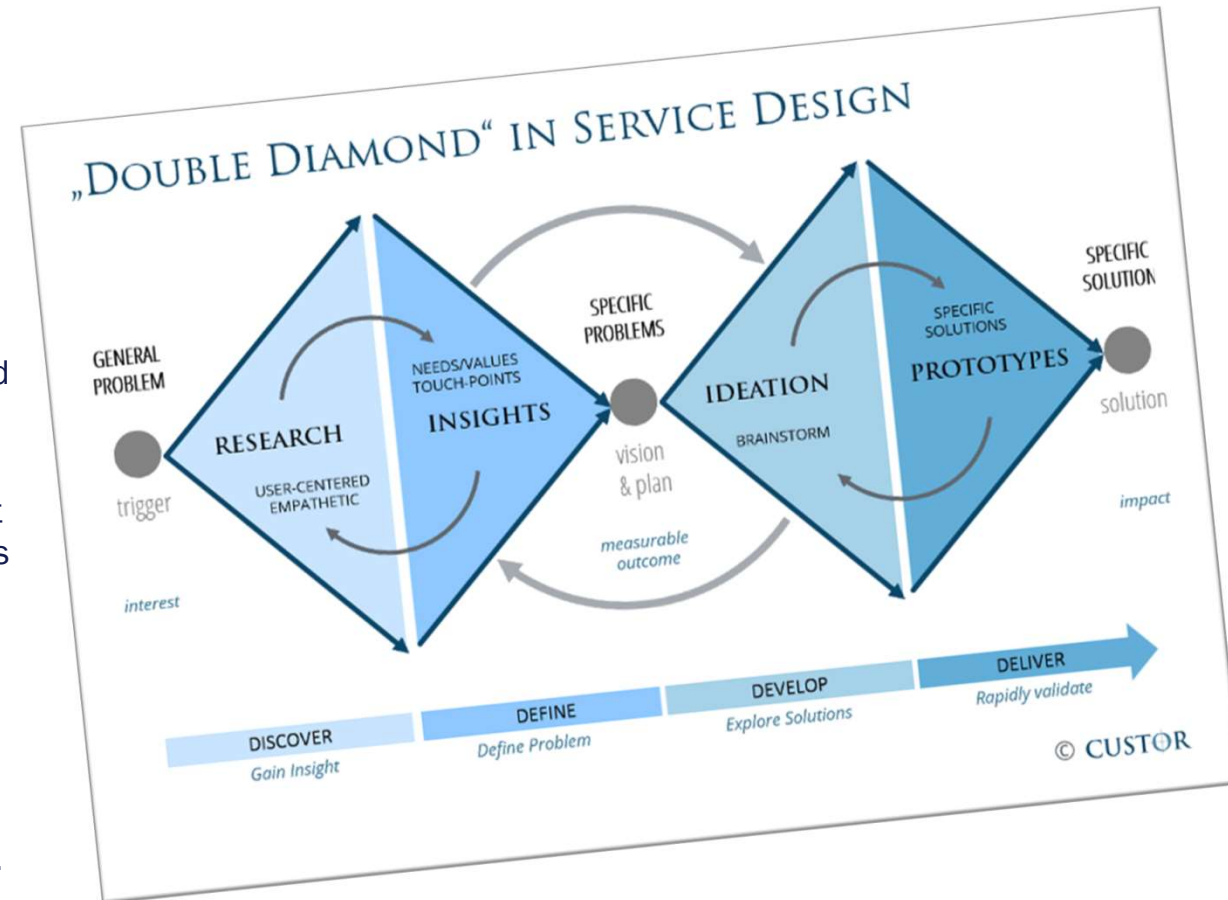
Value to Individual Firm: *Data consulting efforts, expertise, time, research, and more*

"Double Diamond" in Service Design

Data & AI Reference Architecture

- Align a Reference Architecture with strategic Business Scenarios and a focus on value
- Optimize CapEx and OpEx costs for Data Infrastructure & Science and Data Management & Governance
- Develop a first draft of a "Market Architecture" to better engage with supply chains
- Develop an approach for data sharing that enables decentralized sharing AND pooling of data

Value to Individual Firm: *Saves time and research, avoids mis-steps to adoption, faster market solutions, eases data sharing processes, builds firm's ability to "level up" their organization*
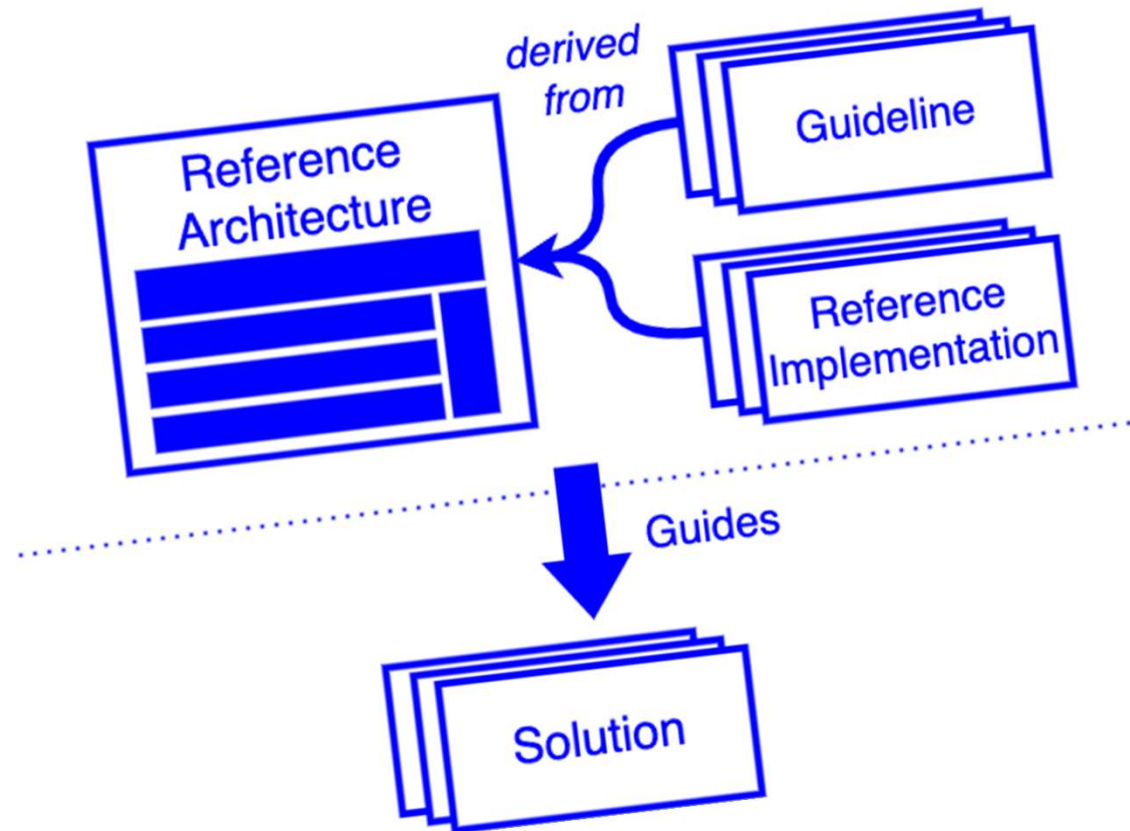
Revit Standards Panel 2.0

- Reworked Approach on how to standardize and maintain constancy of data in Revit
- Enabled Management and Deployment Process to ensure it was usable
- Developed Much More Flexible and Robust Framework to Leverage Custom Rules
- Focused Piloting in January 2025
- Public Release February 2025

Value to Individual Firm: *Consists of critical capacities that can save up to 10% of an employee's time in Revit given the consistency it enables.*
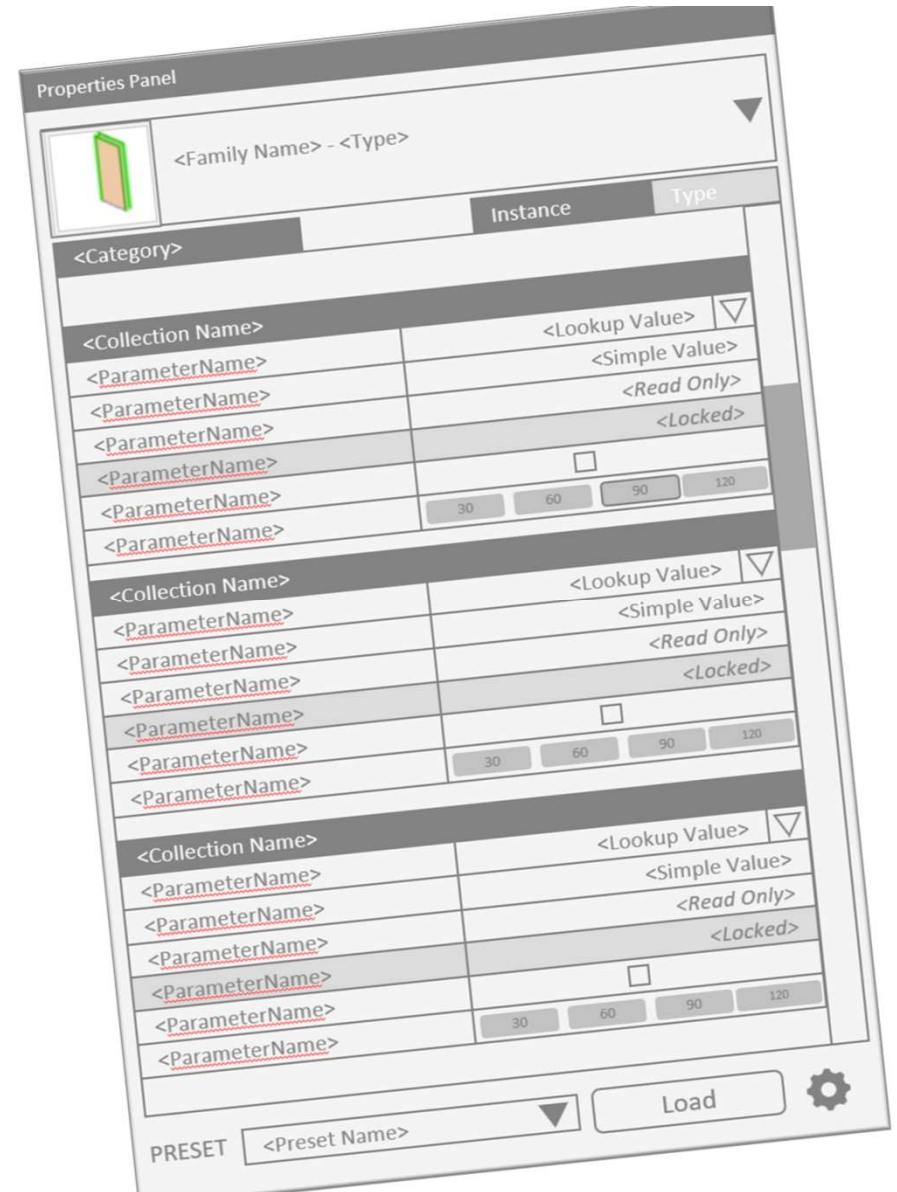
Skillset Database

- Develop an integrated skills framework for architecture and engineering firms that:
    - a) Define essential skills
    - b) Categorize skills
    - c) Define proficiency levels
    - d) Map skills to AIA roles
- Framework aims to help firms
    - 1) track internal employee skills for project planning and other purposes; and
    - 2) benchmark employee skills against anonymized data from other firms.
- Work with 3rd party consultant underway.
- Tool testing and pilot survey Q1 2025.

Value to Individual Firm: *Allows firms to focus effort assessing gaps within their firm and target learning and education platforms rather than on creating firm-specific tools. The targeting development will improve accuracy, proficiency and thus efficiency for each firm.*

DDX Reporting

- Provide firms with an easier way to collect data and review it prior to submission to 3rd parties
- Targeting DDx, MEP2040 and SE2050
- Collaborating with DoE and Lawrence Livermore Labs to standardize the process for all design firms
- Working with ds30 on the Double Diamond approach

Value to Individual Firm: *Weeks of time saved collecting information to fill out the report annually, improved accuracy, better insights into the data once collected from firms, and more informed decision making on future designs. (estimated realized value in time savings of ~$24,000 annually per firm)*

Research Sharing

- Develop a platform with tools and support to facilitate successful research within firms.
- Support shared data between firms to increase the data pool of information for IDC firms

Value to Individual Firm: *Improved service offerings, larger pool of research more accurate outcomes and benchmarking, faster market solutions, and reduced duplication of efforts across the industry.*
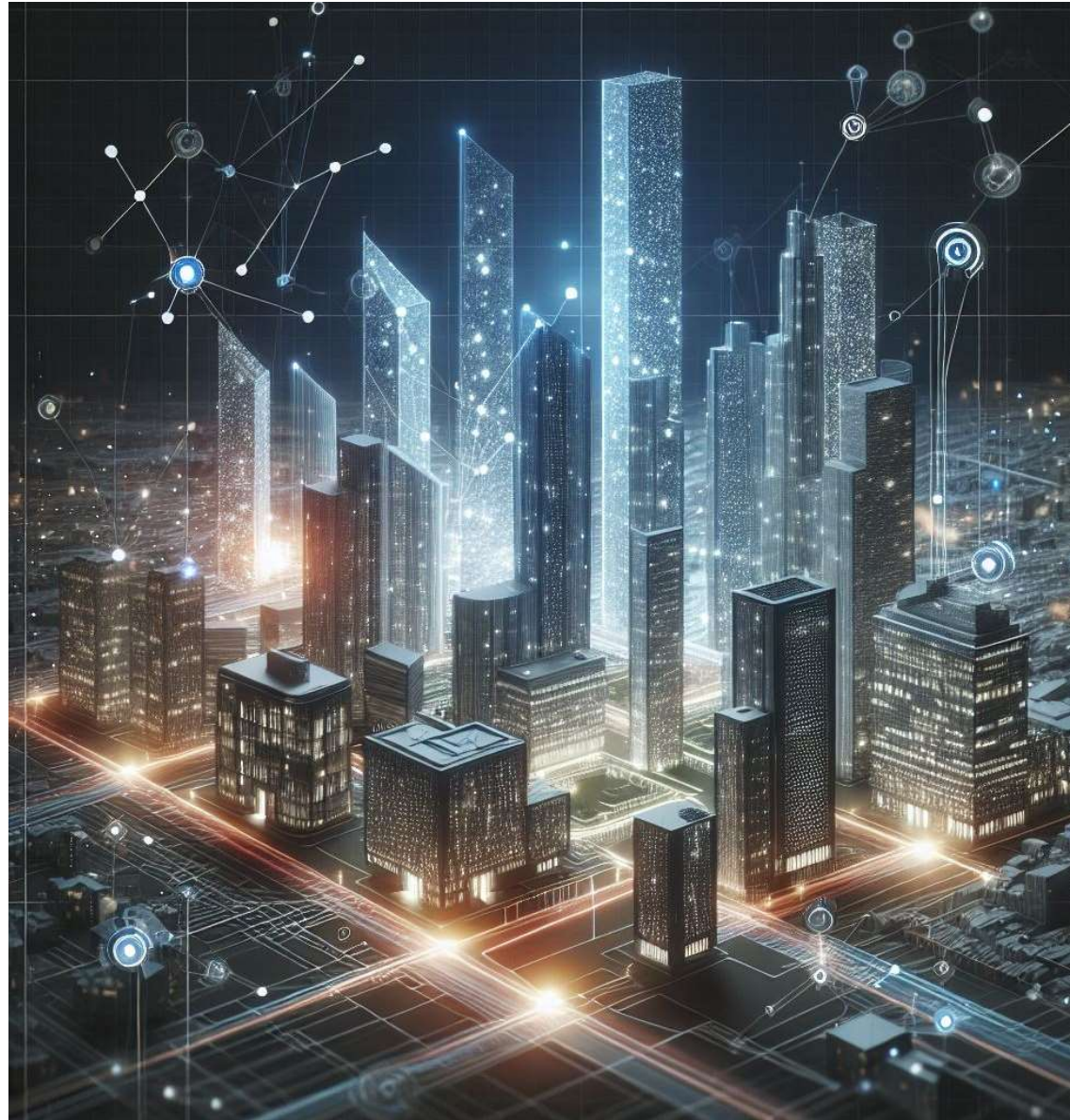
Project Delivery

Looking to Partner or Develop Solutions That:

- Support the long-term vision and goals of the IDC
- Improve the daily lives of staff
- Fit within the shared design process
- Are solutions that firms can't, wouldn't, or shouldn't, do on their own
- Have profound long-term impact on our practices

Value to Individual Firm: *Radically transform the project delivery process*

2025 Potential Projects

- Data & AI literacy program template
- Project Delivery Enhancements
- Drawing Automation
- Ideation platform implementation followed by a call for ideas from all member firm employees
- Evaluate existing and new use case ideas using Data & AI Strategy protocols and the Double Diamond process

Value to Individual Firm: *Potential to save thousands of hours per firm on the combination of the above projects. In drawing automation alone, it could reach number of hours in the millions depending on how far we get.*

Interested in Joining the IDC?

- We are still accepting new founding members to join the 41 already in place. Reach out to info@innovationdesignconsortium.com for more information on the cost and membership requirements.

- We are in the process of finalizing how to join the IDC via a subscription. Stay tuned for more information on this approach.

How to Join

Some of the statements made in this document constitute forward-looking statements. These statements relate to future financial or operational performance and are identified by words such as "will," "may," "should," "expect," "scheduled," "plan," "intend," "anticipate," "believe," "estimate," "potential," "continue," etc., or the negative of such terms or other similar words. You should read these statements carefully because they discuss future expectations, and while IDC believes that it is important to communicate these expectations to you, these statements are only estimates of future performance. Actual performance or events may not meet such expectations and may differ materially. In evaluating these forward-looking statements, you should consider various factors that may cause actual results to differ materially from those expressed in any forward-looking statements provided. IDC does not assume any responsibility for the accuracy and completeness of such forward-looking statements in the future, and does not plan to update any of the forward-looking statements in the future to conform such statements to actual results.