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Building Bridges:

Overcoming Challenges in Government Software

BOABC
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Agenda

- ✓ Introductions

- ✓ Decision to go digital and face change

- ✓ Challenges of implementation and integrations

- ✓ Cloudpermit's general approach to these challenges

- ✓ Specific demonstration of the functionality of solutions with respect to integration

- ✓ Q & A

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Critical Preconditions for Digital Success

Public Policy Drivers

- ✓ DAPR
- ✓ Affordable housing supply
- ✓ Code related compliance
- ✓ Harmonization
- ✓ BIM

Factors

- ✓ $$$
- ✓ Demographics and societal forces
- ✓ Internal business case
- ✓ Openness and commitment to change management

Applicant/Client Support

- ✓ Builders
- ✓ Designers
- ✓ Supply chain

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Necessary but Insufficient

- Preconditions alone do not get the job done

- The action really begins at the level of municipal and regional government (AHJ)

- The risk and reward calculation to automate is the local government's choice to make

- They do the work and the heavy lifting

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The Overall Challenge

The decision to go digital and innovate involves several challenges:

- ✓ Existing reality to a new reality

- ✓ Change management

- ✓ Project management

- ✓ Culture shift

- ✓ Stress

- ✓ Excitement

- ✓ Lots of front-end work

- ✓ A ton of "integrations"

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Kinds of Integration

- Technological

- Data

- Jurisdictional (silos)

- Functional

- Legal, applicable law, intergovernmental (silos)

- Generational

- Personal

- Motivational

- Cultural

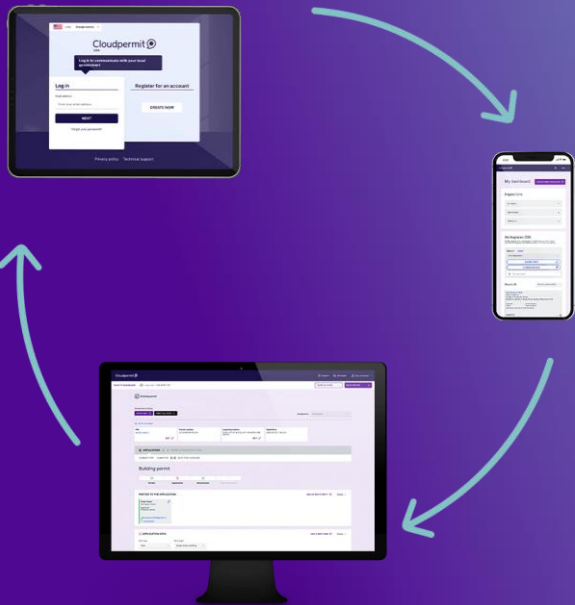- Procedural

- Temporal

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Cloudpermit's Overall Approach and Solution Architecture

- ✓ Cloud-based

- ✓ Multi-tenancy

- ✓ GIS tied, land use, real property

- ✓ Balance of predictability, configurability, and evolution

- ✓ Horizontal and vertical linking of users

- ✓ Collaboration/transparency

- ✓ Customer-centric

- ✓ Full function

- ✓ Tracking and archiving in real-time

- ✓ Efficiency of time and function

- ✓ Completeness and accountability

- ✓ Strong implementations and integrations

- ✓ Best-in-class for community development

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Demonstration of Specifics in Certain Types of Integration

- ✓ Technology
  - ✓ Tempest Prospero and others
  - ✓ Various touchpoints between technologies

- ✓ Data collection, sharing, storing, twinning, movement

- ✓ Jurisdictional/legal compliance

- ✓ Functional/procedural

- ✓ Personal

- ✓ Temporal

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Any Questions?

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