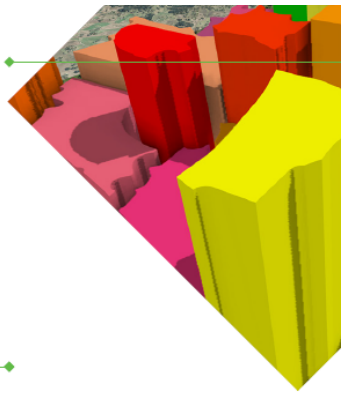
Bentley
Advancing Infrastructure

OpenCities® Planner

Modern Resiliency Planning for Communities



Bentley Advancing Infrastructure PRODUCT DATA SHEET

OpenCities® Planner

Modern Resiliency Planning for Communities

The COVID-19 pandemic was an unexpected strain on city agencies that nobody could have predicted. It also reiterated the importance of preparation in the face of potential disasters.

Though government agencies have little to no control over catastrophic events, they do have control over how they respond. A modern approach to resiliency planning can help municipal agencies get ahead of disasters to mitigate their impact. Modern resiliency planning is technology-driven and leverages digital solutions to solve complex problems. The digital transformation brings clarity to planning that paper-based options could not.

OpenCities Planner helps government agencies modernize their approach towards resiliency planning and better mitigate the impact of catastrophic events. The digital twin and visualization solution allows users to see, understand, and evaluate the effects of climate-related disasters, which can inform disaster responses and save lives and communities.

CHALLENGES OF RESILIENCY PLANNING

Resiliency planning is difficult because cities are preparing for hypothetical events that can create real chaos. To complicate matters, building a consensus within city governments is not always easy.

Traditional resiliency planning challenges include:

- Lack of consolidated data: Departments use different tools; missing data provides a partial understanding and a lack of intra-department collaboration
- Multi-disciplinary partnerships: Difficulty getting complete buy-in from all departments or lack of centralized communication
- Multiple agendas: Departments have differing goals
- Funding shortfall: Resources required for response and recovery are not available
- Out-of-date information: Planning groups work with old data

UNIFY DATA AND DELIVER A CLEARER VISION

Quality disaster response plans come from clear visions and a shared understanding of actions. A plan produced from working groups that share the same data and agree on the best way to approach problems is far more likely to be effective than one that isn't.

Virtual twin software helps agencies share viewpoints and align behind a clear vision. Digital twins simplify decision-making and help ensure that all stakeholders see the same data in the same way. Visualization fosters engagement, creating an immersive environment that doesn't tell what will happen in specific disaster scenarios; it shows. It brings together disparate data sources under one roof, like combining GIS and CAD data points to show a complete vision. This clear and unified visual clarifies communication and promotes cooperation.

DRIVE ENGAGEMENT AND COOPERATION

OpenCities Planner brings on-paper scenarios to life in three dimensions, promoting active participation and feedback from stakeholders. Resiliency planning is a silo-breaking exercise, bringing together stakeholders from multiple departments, agencies, and citizen groups for one common cause. Working groups can swell quickly and finding unity can be challenging.

Visualizing scenarios helps turn numbers into something more tangible. OpenCities Planner also makes it easy to reflect on new data and how it alters scenarios. Disaster planning is an iterative process with multiple data points that change regularly. A platform that accounts for constant change helps stakeholders work with the most up-to-date information.

STREAMLINE DECISION-MAKING AND PLANNING

Decision-makers who fully understand all parts of an issue are far more likely to make better decisions. This often requires transforming complex and numerous data types and distilling them into something easy to understand. Digital twins help make the complex simple. Divergent opinions are decreased because everyone can see how scenarios play out or how decisions have a cascading effect on plans.

In addition, collaborating through OpenCities Planner gives the transparency needed for agencies and citizen groups to know

iTwin *iTwins enable you to track change, visualize assets and systems, get insights, and make better, faster, data-driven decisions*

carahsoft

For more information, contact Carahsoft or our reseller partners:
Bentley@carahsoft.com | 844-722-8436

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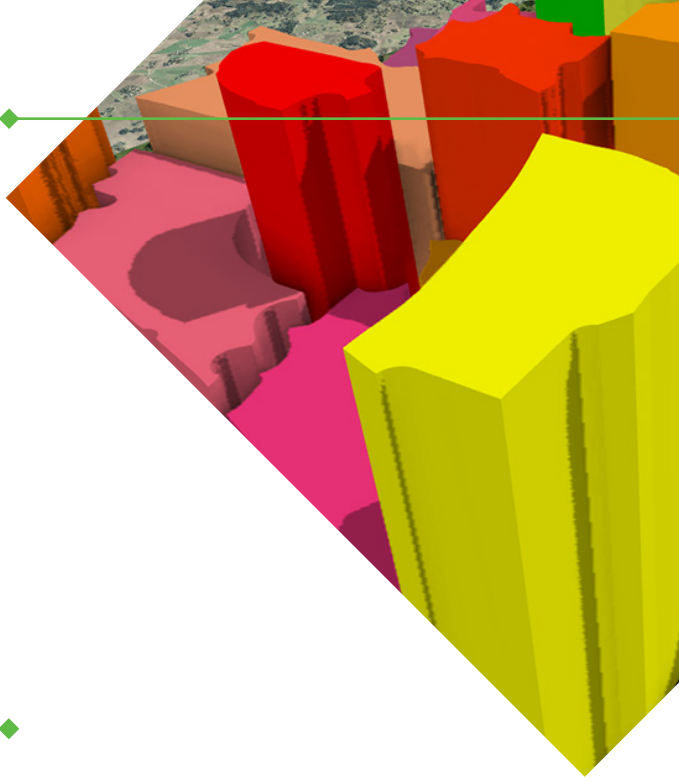

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In addition, collaborating through OpenCities Planner gives the transparency needed for agencies and citizen groups to know

that their voices are being heard. Instant publishing facilitates the communication of changing needs and priorities as feedback and committee decisions are modified.

POWERFUL DIGITAL TWIN TECHNOLOGY THAT TRANSFORMS RESILIENCY PLANNING

OpenCities Planner changes how government agencies approach disaster planning. Stakeholder buy-in is easier to achieve. Integrating data from disparate sources is streamlined, avoiding costly errors.

With OpenCities Planner, you can:

- Simplify complex information with an easy-to-use, interactive 3D visualization
- Quickly engage stakeholders and constituents with real-time feedback options
- Effectively demonstrate, assess, and refine emergency management capabilities
- Easily validate existing resiliency plans, policies, and procedures
- Effortlessly combine multiple sources of data into one comprehensive, unified view
- Get started with the data you have today, and minimal training

FASTER, BETTER DECISIONS AND EASIER PLANNING

OpenCities Planner brings together all the project dimensions in an easy-to-digest, visual representation of infrastructure and relevant data.

The platform speeds decision-making, streamlines consensus, and clears the way for the critical work of resiliency planning to move forward.

To learn more about how OpenCities Planner can help your city, state, or county with resiliency planning, contact your Carahsoft representative.

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