
AWS
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IOT303

Build digital twin knowledge graphs with AWS IoT TwinMaker

Julie Zhao (she/her)

Senior Product Manager
AWS

Jinyao Xu (he/him)

Senior Software Engineer
AWS

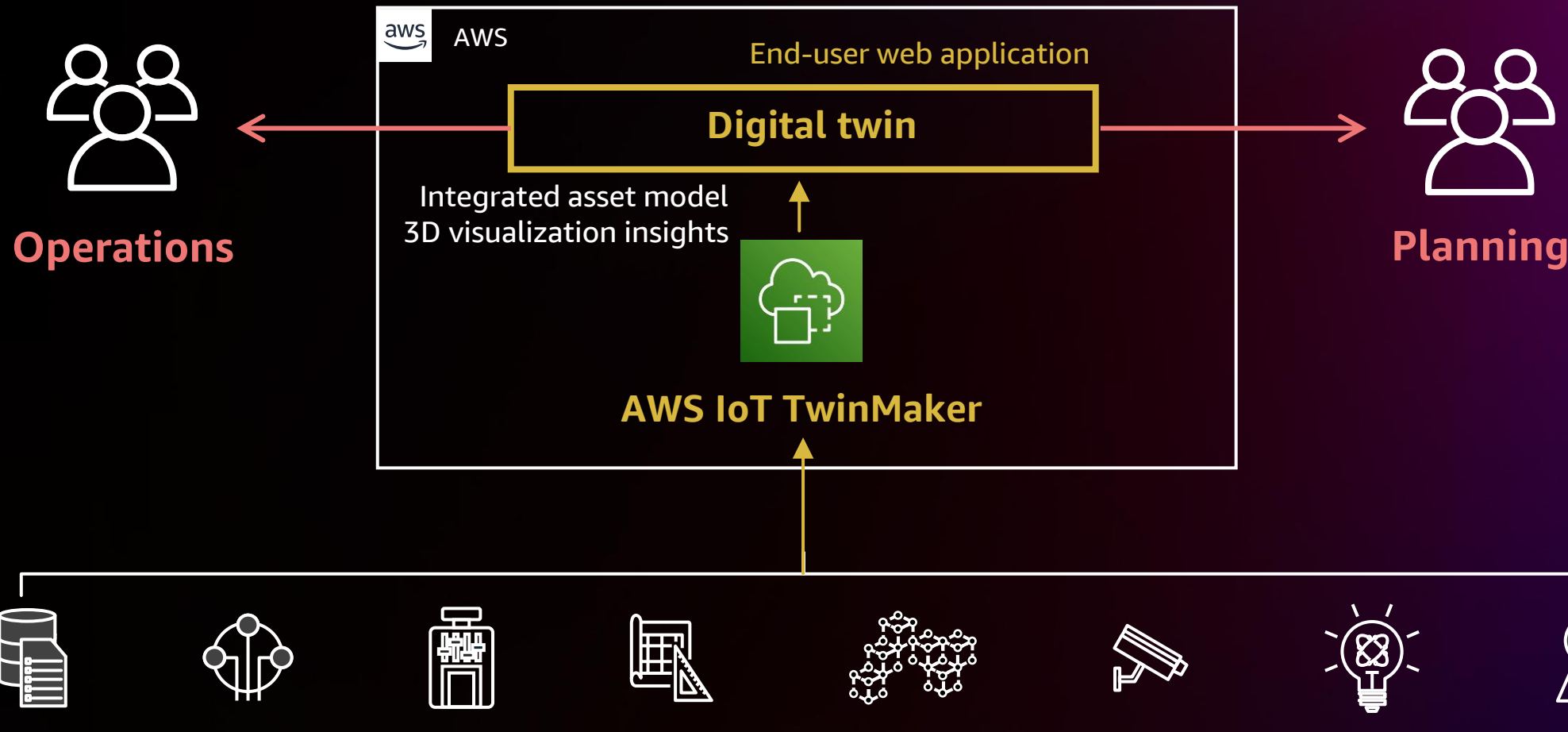
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Agenda

- AWS IoT TwinMaker Overview
- TwinMaker Knowledge Graph
- Benefits and Use Cases
- Demo

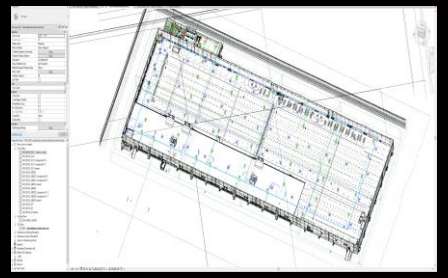
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AWS IoT TwinMaker – How it works

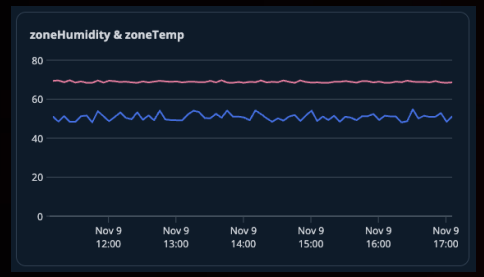


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Build a digital twin application



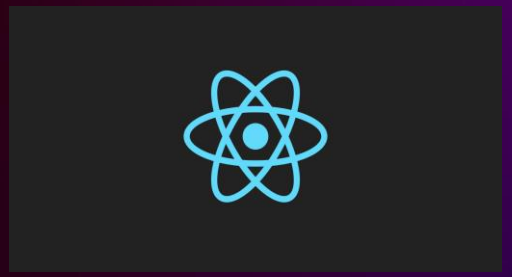
Create 3D Models



Connect to Data



Build knowledge graph

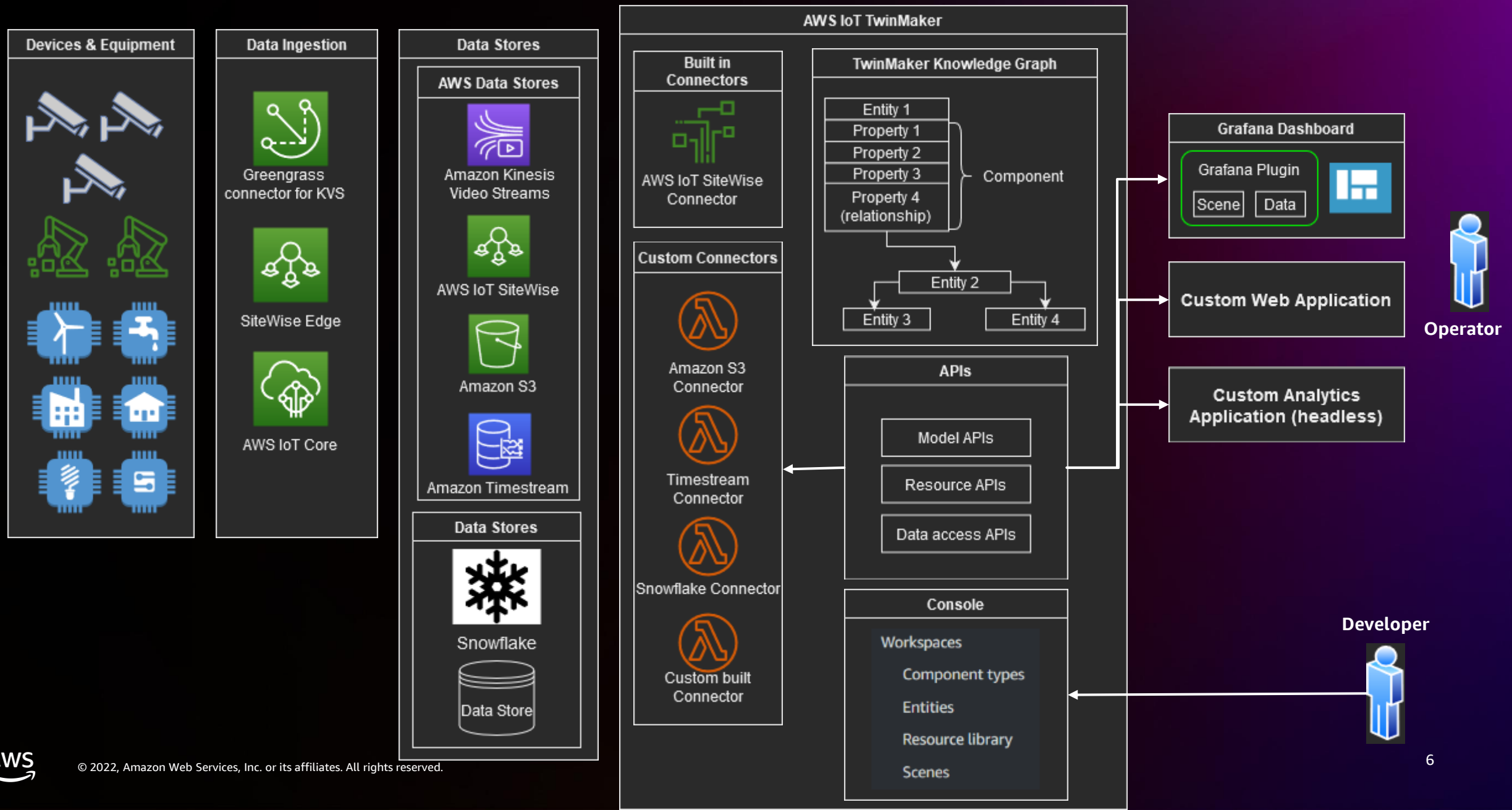


Build an application

aws

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Build digital twins with AWS IoT TwinMaker



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Model builder

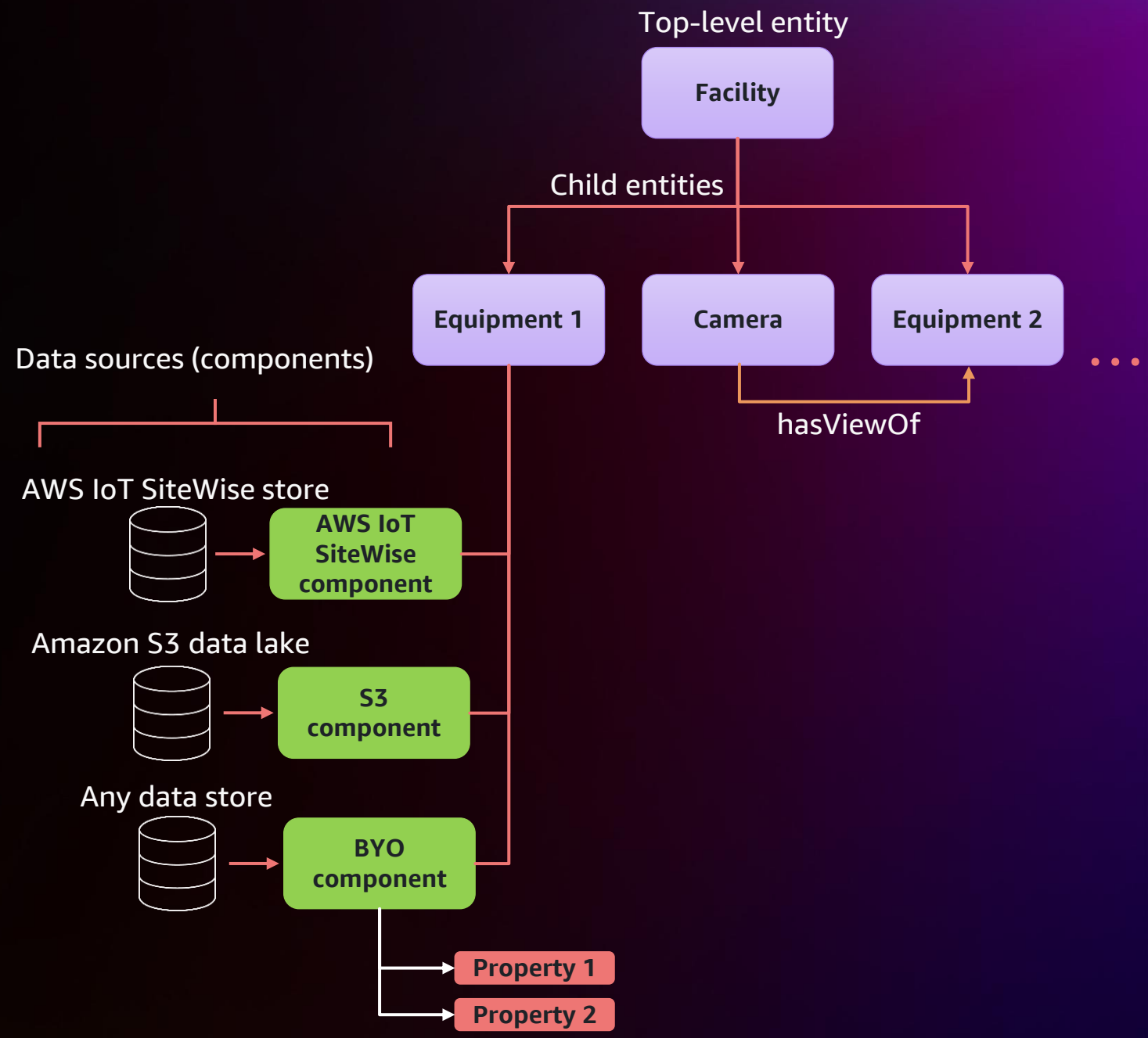
Flexible modeling

Adds context

Common interface for data

No need to move data store

Manages change



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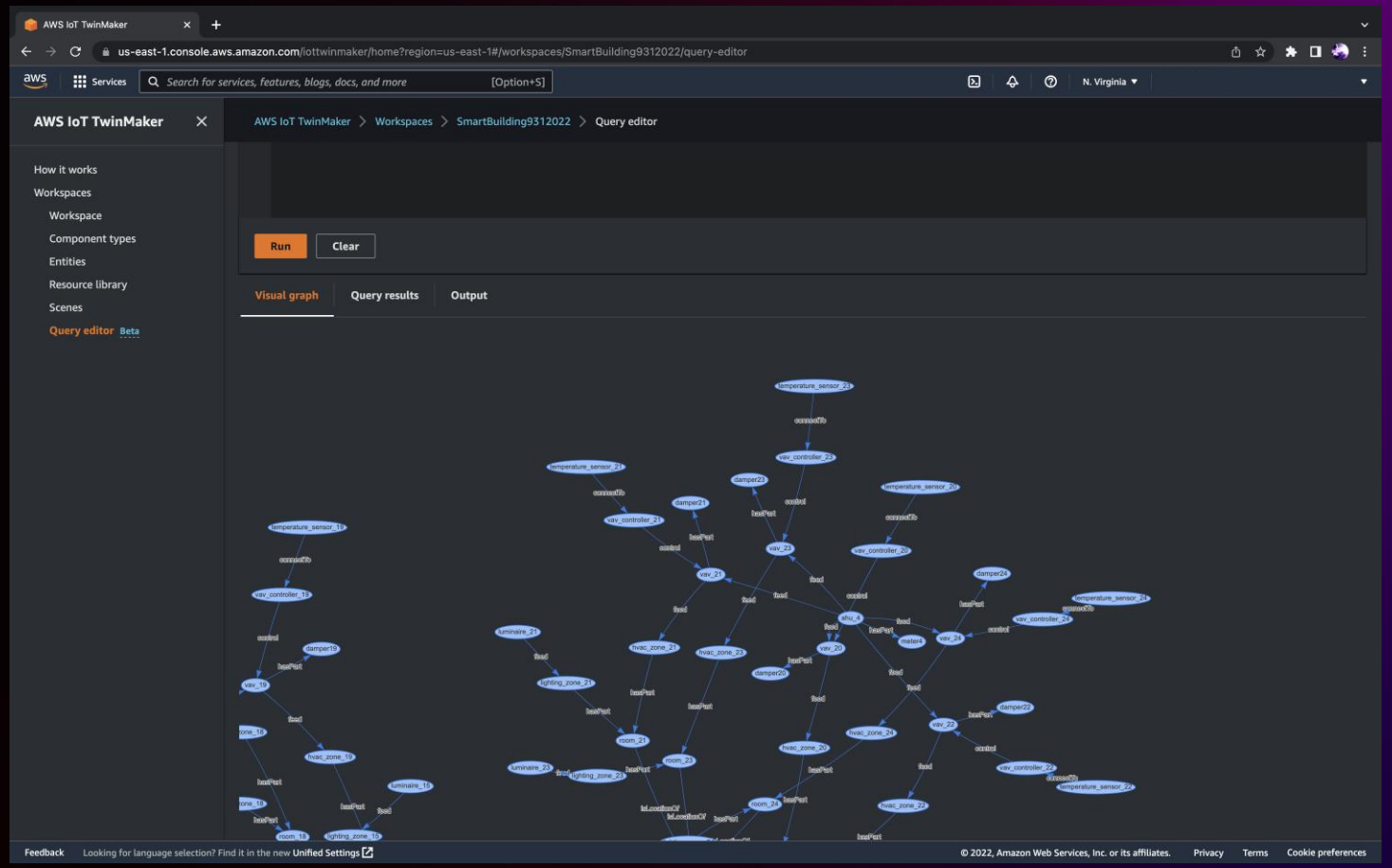
TwinMaker Knowledge Graph

Entity Relationship

Search & Query

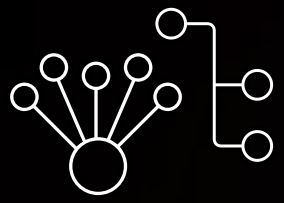
Graphical View

Open Source Query Language (PartiQL)



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Benefits and use cases



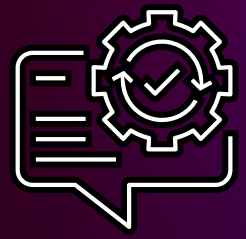
Contextualize data

Capture entity relationships in your digital twin, creating context and organizing information.



Reduce time to resolution

Help field service personnel pinpoint location and cause of systems failures. Use PartiQL to query related entities.



Enable operational insights

Make informed decision based on insights from entity metadata and relationships.

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What’s next?

Learn the details of AWS IoT TwinMaker

Gain hands-on experience

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Thank you!

Julie Zhao
zhuadan@amazon.com

Jinyao Xu
jinyaoxu@amazon.com



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