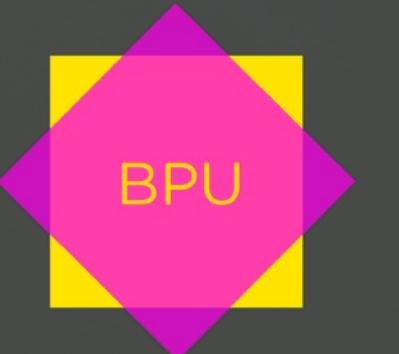


Building Profile Utility

Integrated Building Data + AI



Urbata

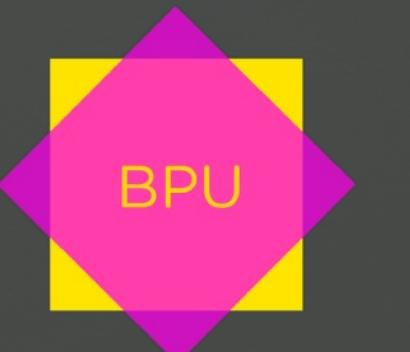
“We simply must know what we are putting into our buildings”

Dr Joe Allen, *Healthy Buildings*

(145.9 million buildings in the U.S.)



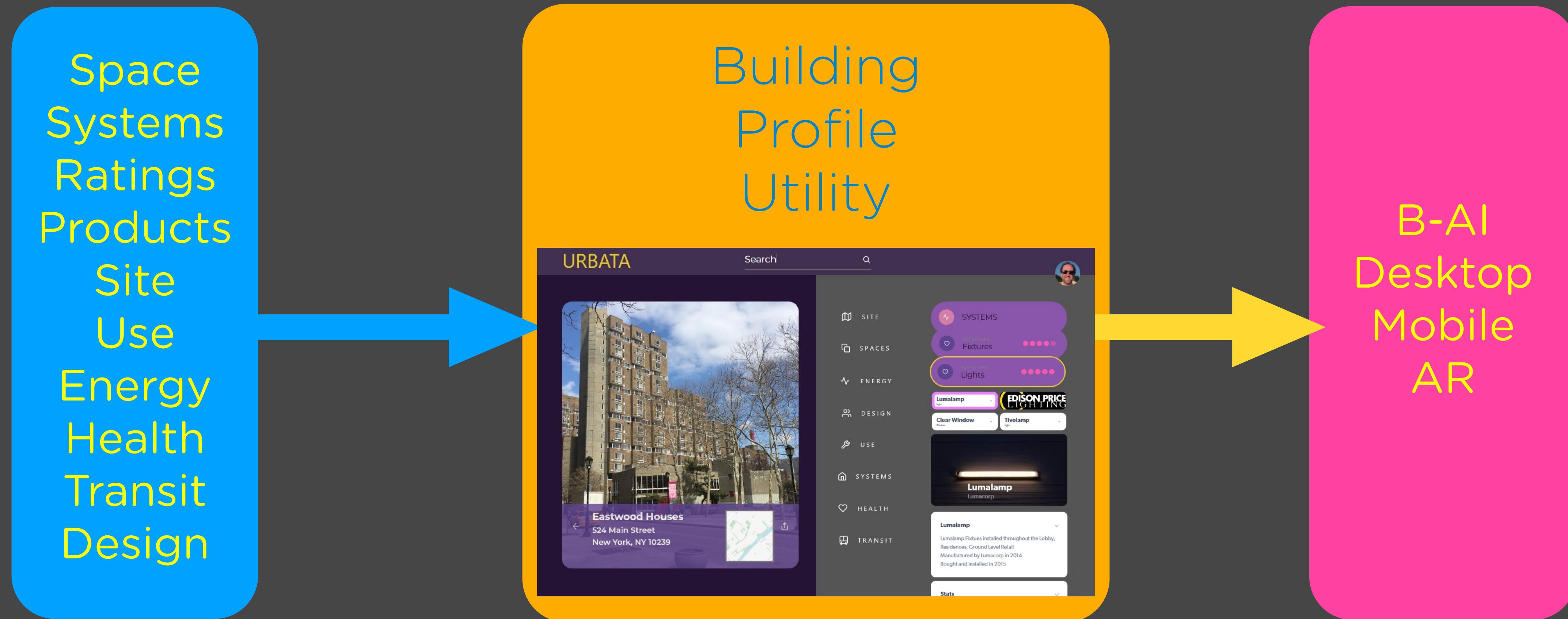
Integrative Design



Urbata

Building Profile Utility: Database to B-AI

Integrated Building Databases



Building Profile Utility: Database to B-AI

Integrated Building Databases

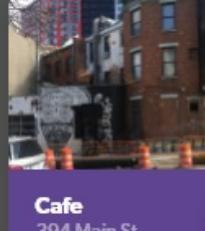
URBATA

Search | 

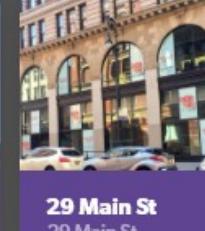


New York

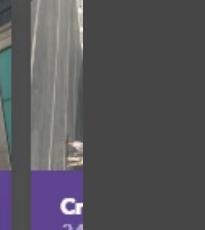
My Buildings

-  Home 439 Main St
-  Friend's 383 Main St
-  Cafe 394 Main St
-  Work 383 Main St
-  City 343 Main St

Search

-  School Building 39 Eames St
-  38 Star St
-  29 3rd Ave
-  29 Main St
-  39 Main St

Favorites

-  38 Star Pl
-  3434 49 St.
-  Sky Tower
-  3Z
-  343 Main St

Eastwood Houses
524 Main Street
New York, NY 10239



URBATA

Search | 



Eastwood Houses
524 Main Street
New York, NY 10239



SITE

-  SYSTEMS
-  9:25 (47 min) Fixtures
-  9:25 (67 min) Lights

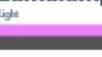
SPACES

-  DESIGN
-  USE
-  SYSTEMS
-  HEALTH
-  TRANSIT

ENERGY

-  Lumalamp
-  9:25 (67 min) Lights

EDISON PRICE LIGHTING

-  Clear Window
-  Tivolamp

Lumalamp
Lumacorp

Lumalamp
Lumalamp Fixtures installed throughout the Lobby, Residences, Ground Level Retail
Manufactured by Lumacorp in 2014
Bought and installed in 2015

Stats

Building Profile Utility: Design

Integrated Building Databases

Space
Systems
Ratings
Products
Site

Use
Energy
Health
Transit
Design

Building Profile Utility: Health

Integrated Building Databases

Category:

Light

Air

Water

Noise

Safety

Certification

Database:

building_id;

utility_info;

device_id;

value;

reading_time;

reading_date;

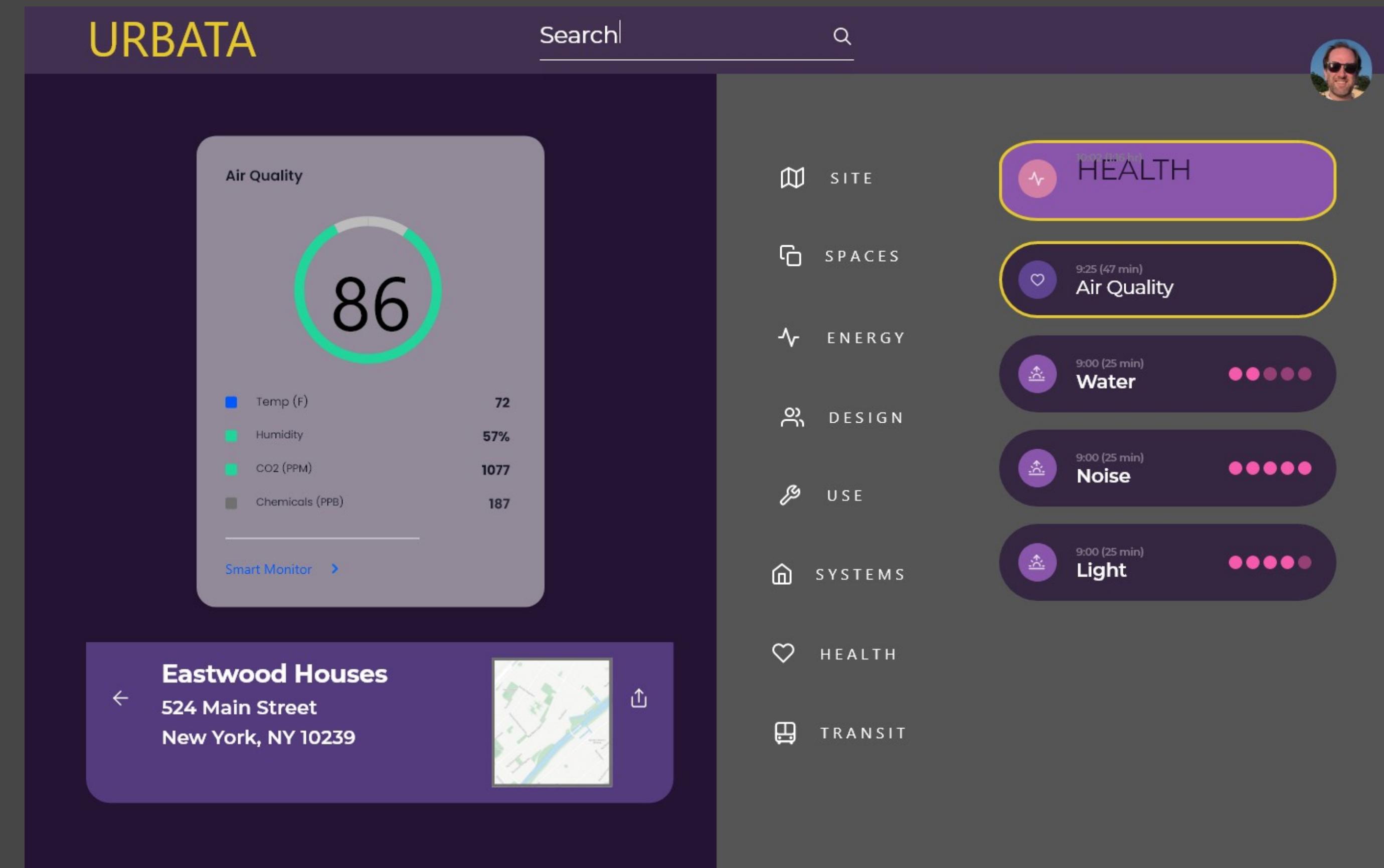
Building Profile Utility: Building ID

Integrated Building Databases

Example Building ID:

building_id: US-5128581-dr5ru72h-Y7K2M4

Building Profile Utility: Health: Air



The screenshot displays the URBATA Building Profile Utility interface. At the top, the URBATA logo is on the left, a search bar with a magnifying glass icon is in the center, and a user profile picture is on the right. The main content area features a large circular gauge for Air Quality, currently at 86, with a green border. Below the gauge, four data points are listed: Temp (F) at 72, Humidity at 57%, CO2 (PPM) at 1077, and Chemicals (PPB) at 187. A "Smart Monitor" button with a right arrow is at the bottom of this section. To the right, a sidebar lists various building metrics under categories: SITE, SPACES, ENERGY, DESIGN, USE, SYSTEMS, HEALTH, and TRANSIT. Each item includes a small icon, a title, a duration, and a series of colored dots. The "HEALTH" category is expanded, showing "Air Quality" (9:25 (47 min)), "Water" (9:00 (25 min)), "Noise" (9:00 (25 min)), and "Light" (9:00 (25 min)). The "Eastwood Houses" building profile is shown at the bottom left, with an address (524 Main Street, New York, NY 10239) and a map icon. A back arrow is also present.

URBATA

Search | 



Air Quality

86

Temp (F) 72

Humidity 57%

CO2 (PPM) 1077

Chemicals (PPB) 187

Smart Monitor >

Eastwood Houses

524 Main Street

New York, NY 10239



 SITE

 SPACES

 ENERGY

 DESIGN

 USE

 SYSTEMS

 HEALTH

 TRANSIT

10:02 (8:56 h)  **HEALTH**

9:25 (47 min)  **Air Quality**

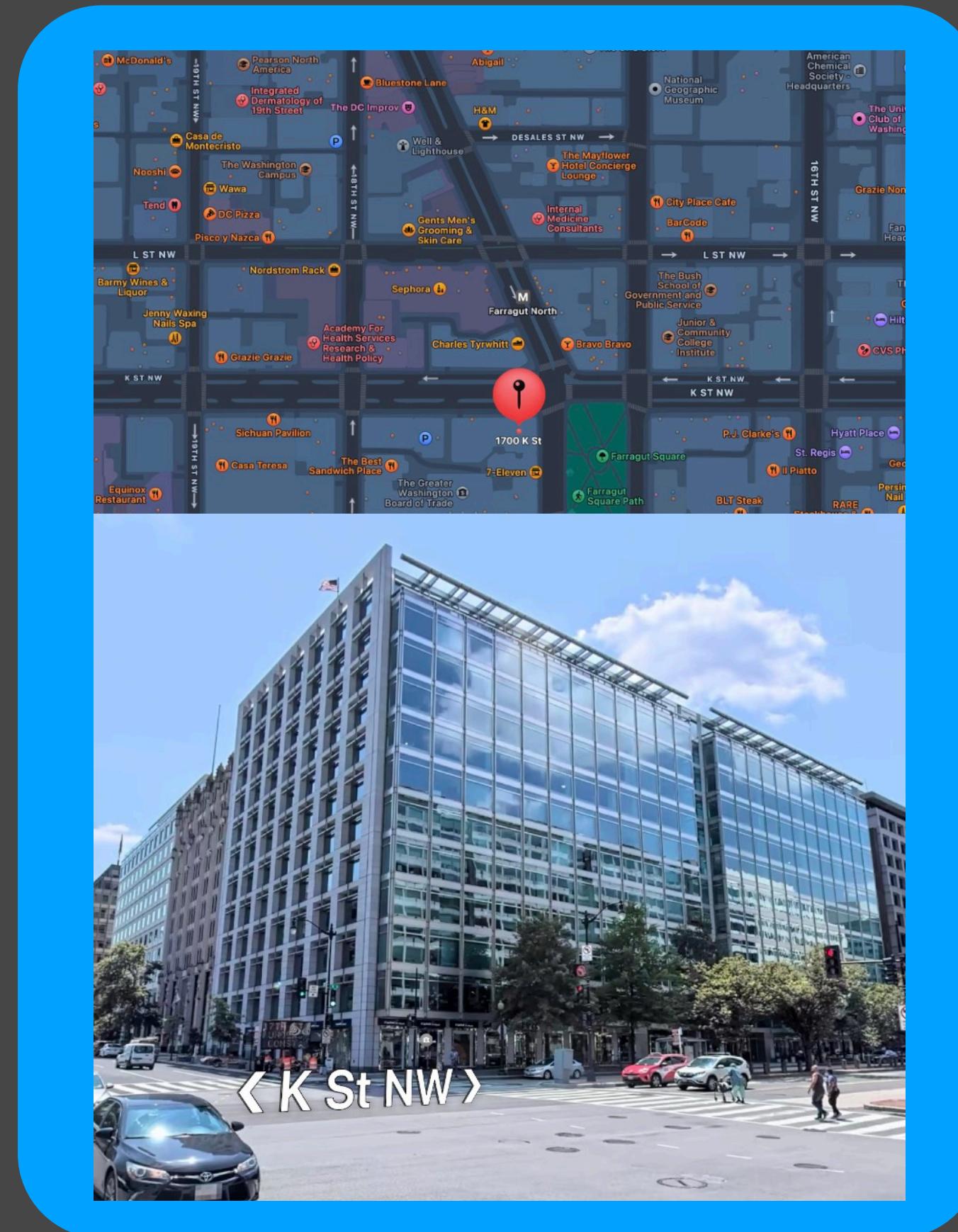
9:00 (25 min)  **Water** 

9:00 (25 min)  **Noise** 

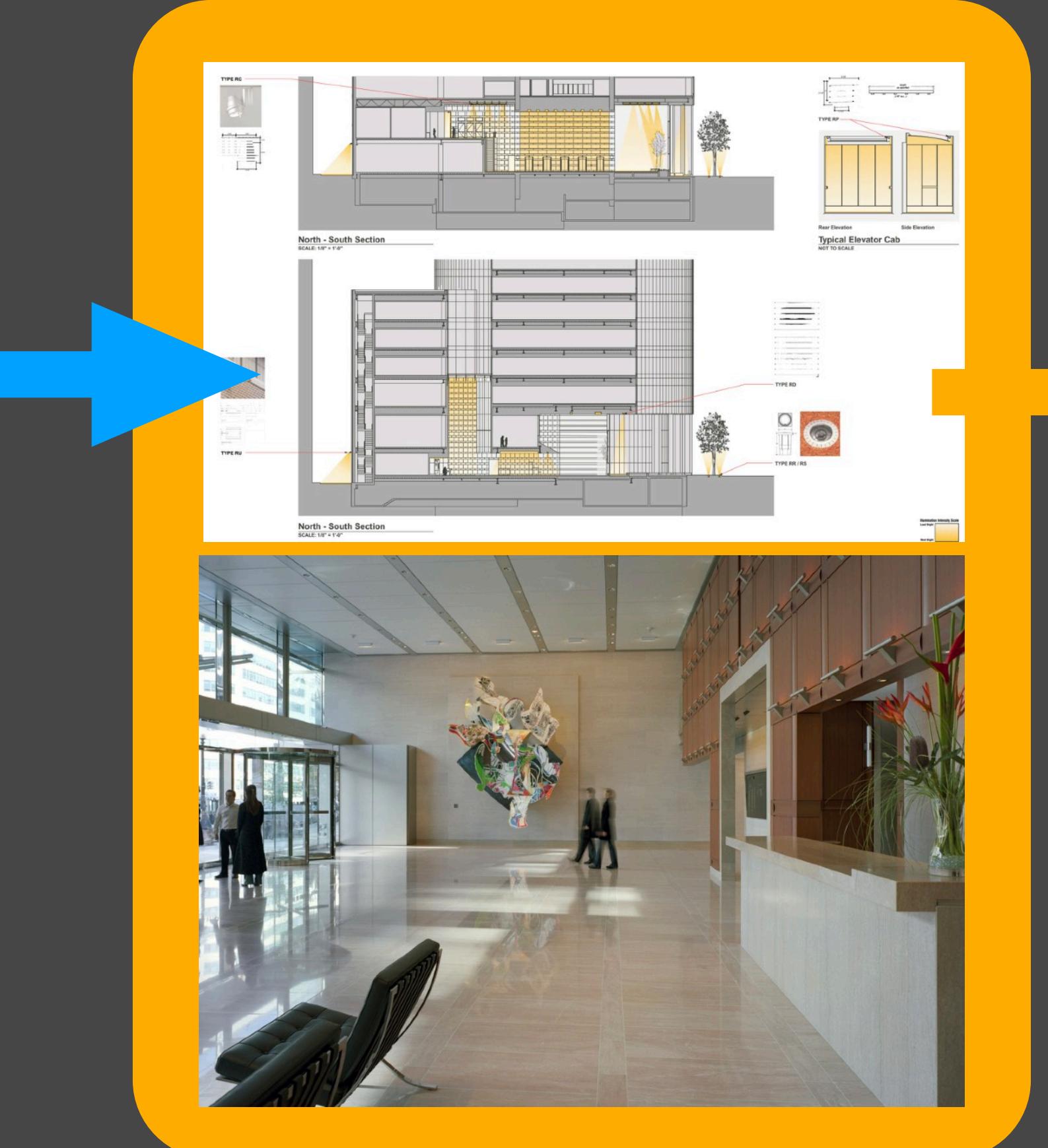
9:00 (25 min)  **Light** 

Accessible and integrated building health, energy, systems, use

BPU: Integrated Scales



City Scale



Building Scale



Design Scale

BPU: Building Profile Utility

Clayton Besch, Director at NYS ESD Venture Tech

Quote

“your platform will generate 10x return as scalable software platforms are the investment du jour. When you find one let me know and we can consider co-investing.”

Accessible and integrated building health, energy, systems, use



Plan



Urbata

Key Problems

1. Fragmented Building Ecosystem
2. Expensive Building Products/Services
3. No Building Data System for B-AI

Elastic Building Data Resource needed

Key Resources

NYSERDA

Urbata Product Archive

WELL

AIA

SVA

AIR AI

Syracuse CoE

Company Urban Tech Hub

NY Climate Exchange

Cornell Tech

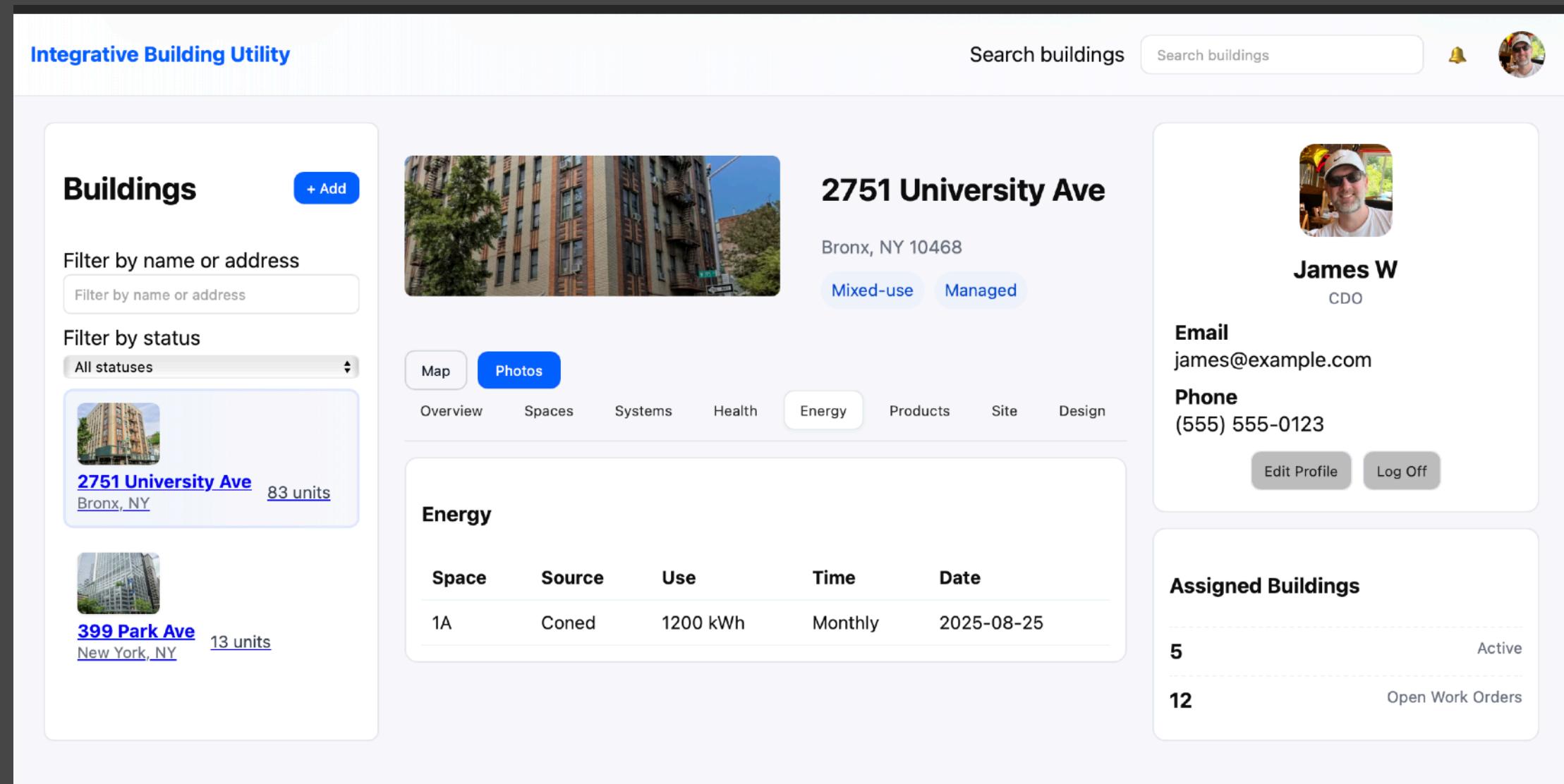
Value Proposition

Integrated Building Data for Designers and AI

Key Activities

1. Building Database Platform

2. Integrating Building Data Partners



The screenshot displays the 'Integrative Building Utility' platform. The top navigation bar includes a search bar for buildings, a notification bell, and a user profile icon. The main interface is divided into several sections:

- Buildings:** A sidebar with a '+ Add' button, a 'Filter by name or address' input, and a 'Filter by status' dropdown. It lists two buildings: '2751 University Ave' (Bronx, NY) with 83 units and '399 Park Ave' (New York, NY) with 13 units.
- Building Detail:** The '2751 University Ave' page shows a building image, address (Bronx, NY 10468), and status (Mixed-use, Managed). Below this are tabs for Map, Photos, Overview, Spaces, Systems, Health, Energy (selected), Products, Site, and Design. The Energy section displays a table with columns: Space, Source, Use, Time, and Date. One row is shown: 1A, Coned, 1200 kWh, Monthly, 2025-08-25.
- Profile:** A sidebar for 'James W' (CDO) with a profile picture, email (james@example.com), and phone number (555 555-0123). Buttons for 'Edit Profile' and 'Log Off' are present.
- Assigned Buildings:** A sidebar showing 5 Active buildings and 12 Open Work Orders.

Customer Segments

Designers

Architect
Structural Engineer
Mechanical Electrical Plumbing
Civil Engineer
Project Manager
Surveyor
Sustainability Consultant
Lighting Consultant
Landscape Consultant
Acoustic Consultant
Facade Consultant
Interior Designer

Distributors

Owners
Developers
Users
Energy Utilities
City Government
Maintenance
Product Distributors
Skilled Labor
Commercial Users
Domestic Staff
Smart Home Developers
Technology Companies

Channels

New York Designers
NYSERDA

Healthy Buildings (WELL, UL)

Design Museums (MoMA, Cooper Hewitt)

New York Media (Metropolis, Curbed, NYT)

Cornell Tech

New York Climate Exchange

AIR AI

AIA Center for Architecture

Customer Relationships

Designers

Distributors

Building Scale

Urban Scale

Automation

Cost\$ + Revenue\$

Costs

Platform Consultant
Design Lab
Management
Partnerships

Revenue

Free for Designers
Fee for Distributors
Fee for B-AI

Total Addressable Market (TAM) for an AI-Powered, Integrated Building Profile Utility

\$100 Billion annually today

\$120-150 Billion by 2030

Source: OpenAI