UTILITYAPI

NASEO Policy Outlook

February 7, 2024

Utility data can be a barrier.
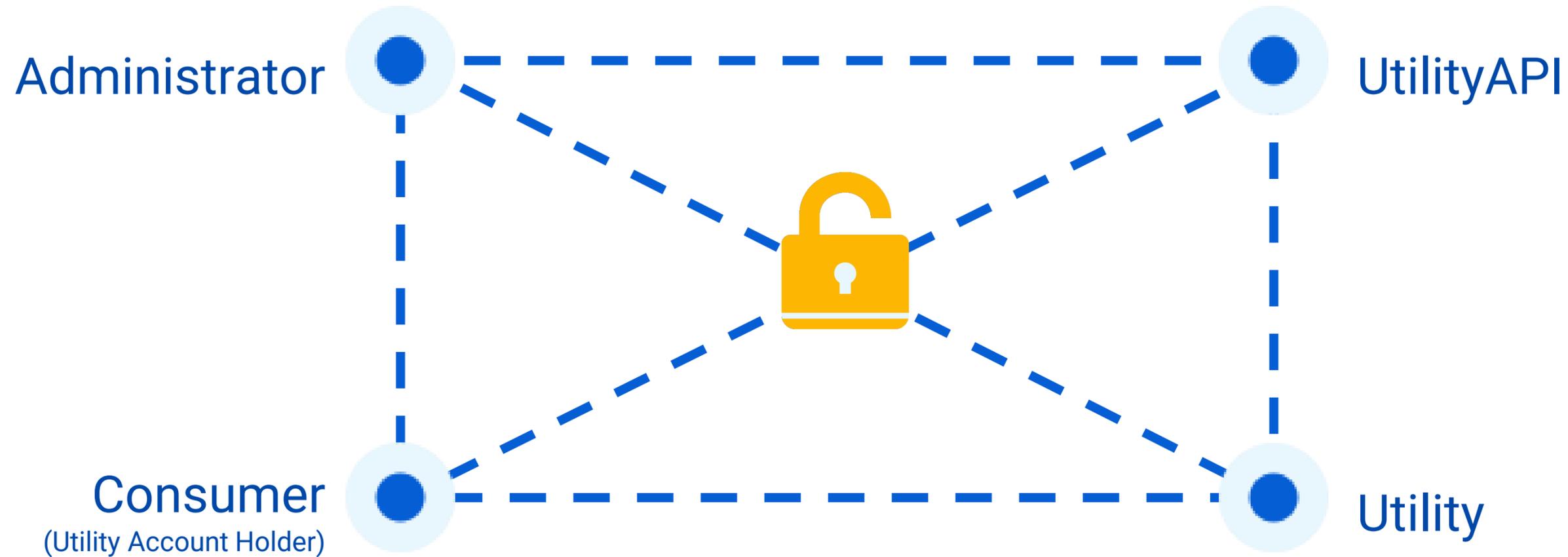
DATA

DIFFICULT TO NAVIGATE

EXTREMELY MANUAL

NOT STANDARDIZED

TIME CONSUMING & OVERLY COMPLICATED
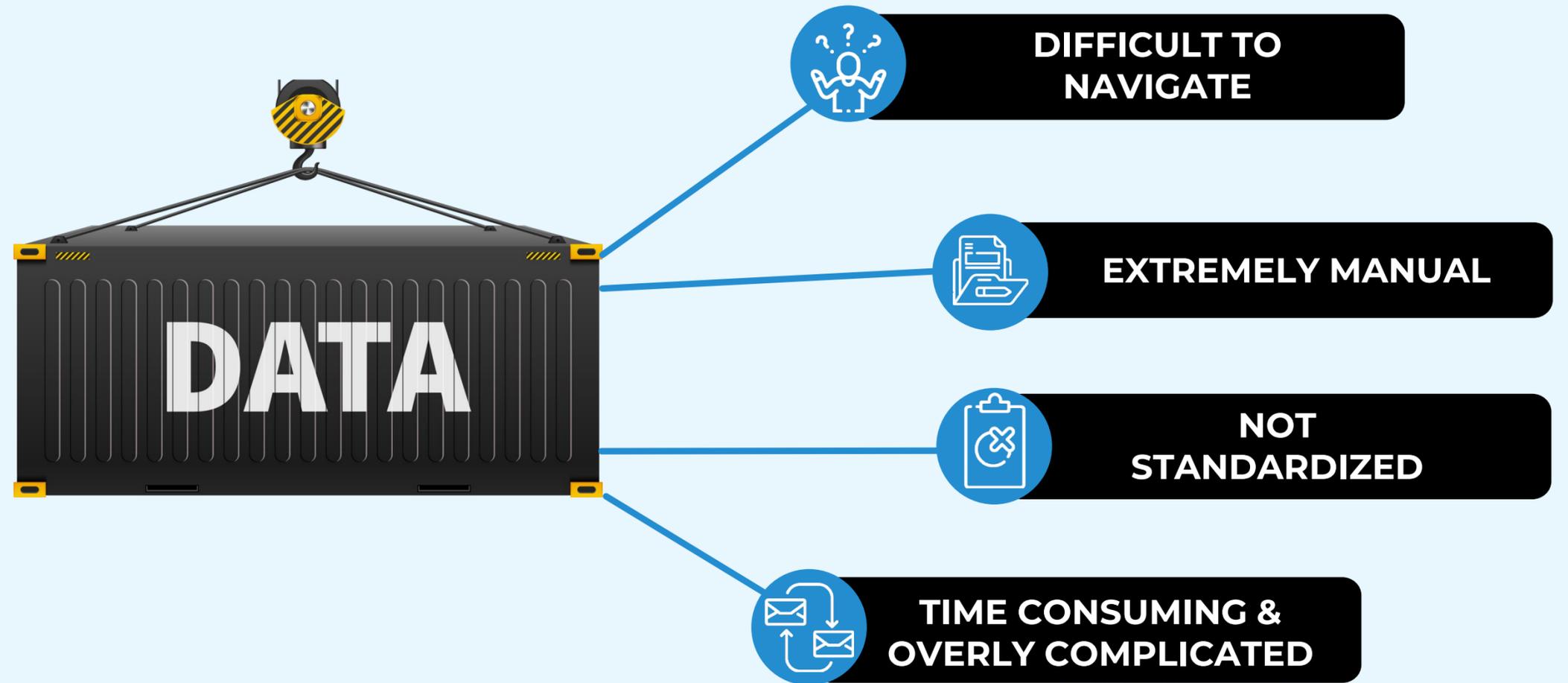
UTILITYAPI

UtilityAPI mission is to unleash the clean energy revolution by unlocking data for everyone.

Parties Involved in **Unlocking** Data

How do we unleash data, securely?

With a consumer's digital authorization, UtilityAPI software collects their data.

1 COLLECT

UtilityAPI standardizes the consumer's data into multiple formats. (i.e. CSV, XML, JSON, etc.)

2 STANDARDIZE

UtilityAPI shares the data with a consumer's approved third party via pathways designed for the state's utility landscape.

3 SHARE

UTILITYAPI

How **Data Sharing** Works

Making it easy for consumers to participate in clean energy programs

Step 1

Step 2

Step 3
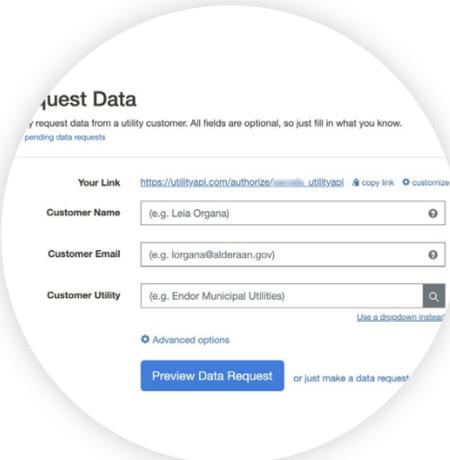
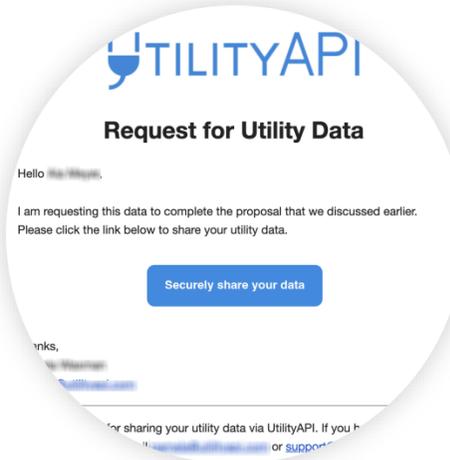## Step 4

Third party registers with UtilityAPI or one our utility platforms.

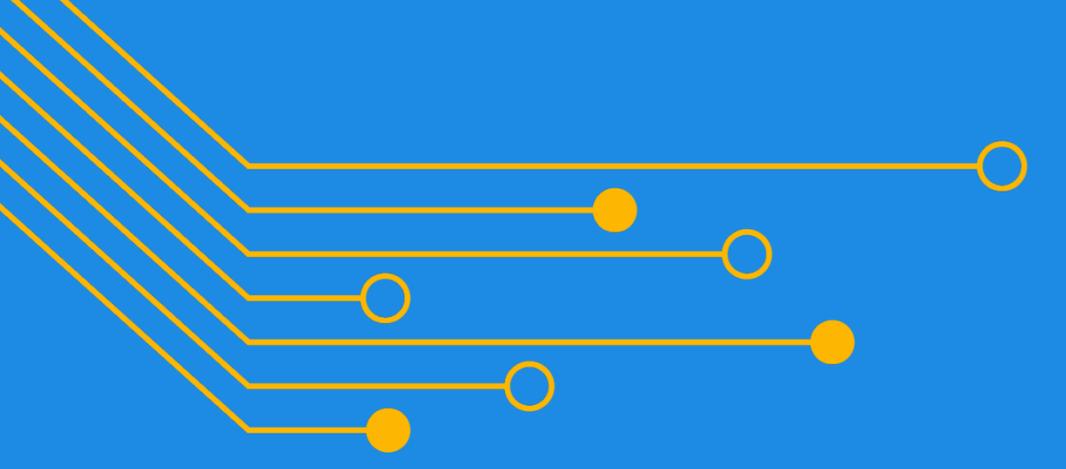Third party asks consumer to authorize data sharing via UtilityAPI.

Consumer authorizes UtilityAPI to collect, standardize, and share their data.

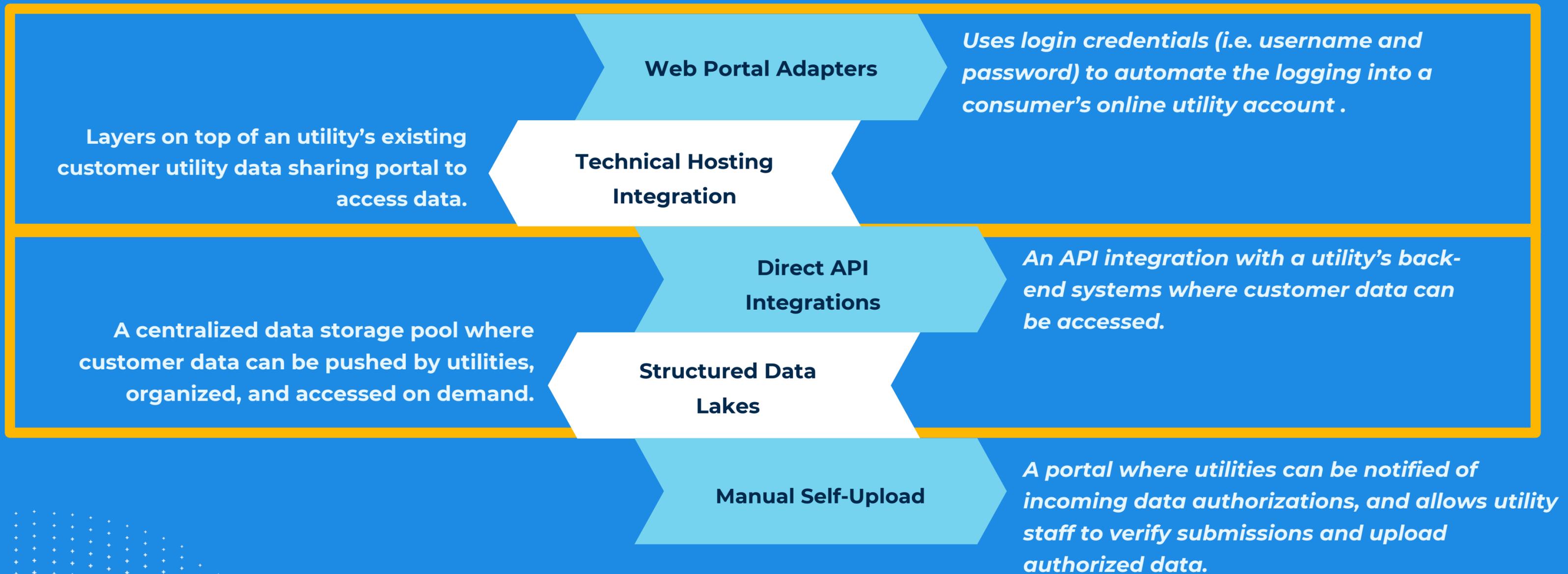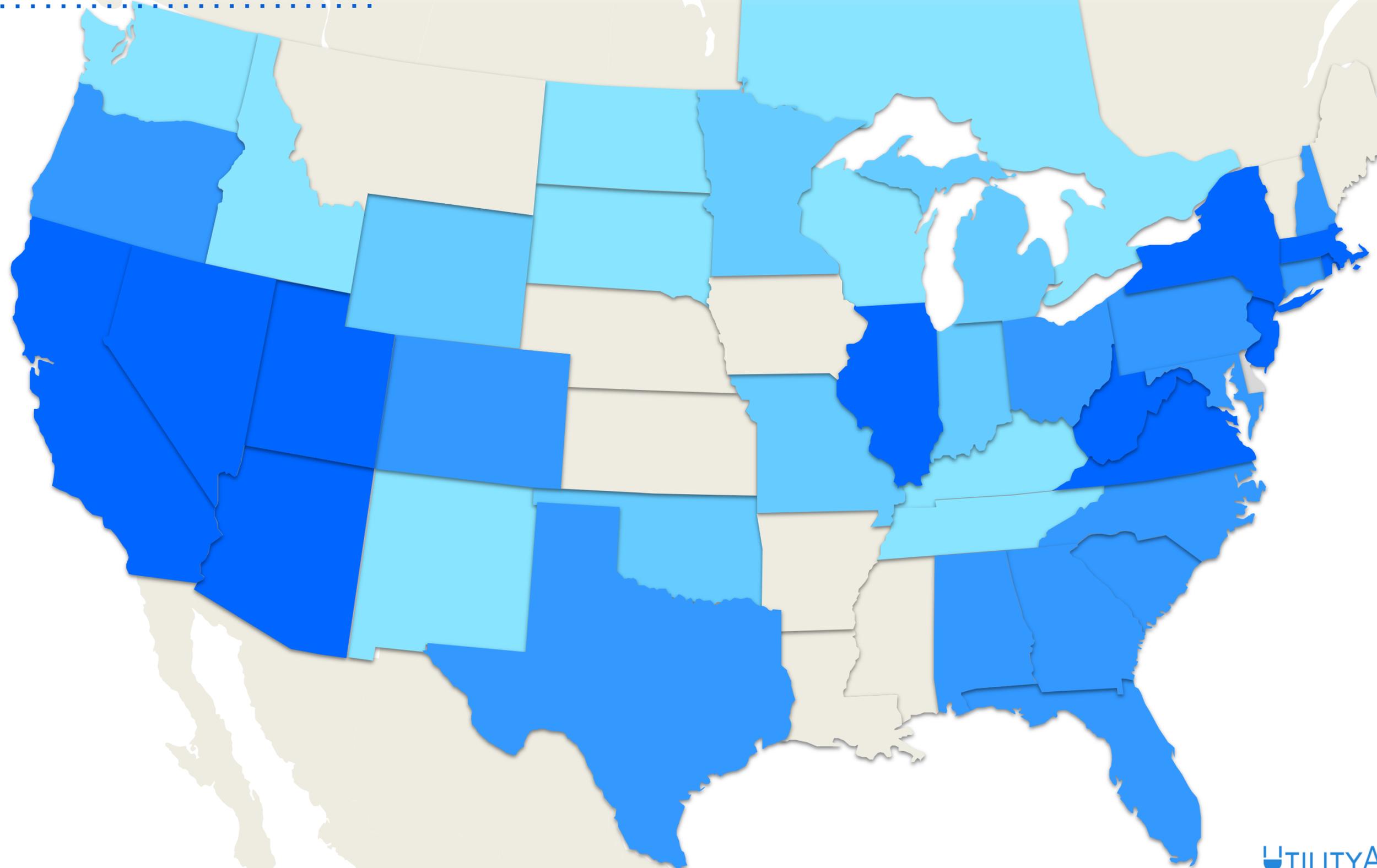UtilityAPI securely collects and shares consumer's data with third party.

What are the types of utility data?

- **Consumer Metadata**

  Account, Meter, service account, billing account, meter ID, and supplier service ID numbers, billing contact, supplier name

- **Consumer Usage Data**

  Monthly energy consumption, TOU usage breakdowns, peak demand, NEM usage, etc.

- **Consumer Bill Payment Data**

  Bill date, due date, amount due, current balance, last month balance, last month payment amount

- **Consumer Billing Data**

  Monthly utility costs, supplier costs, TOU costs, specific utility line item costs, etc.

- **Consumer Interval Data**

  5, 15, 30 or 60 minute energy usage data from a one-way or two-way AMI smart meter

- **Consumer Bill PDFs**

  A PDF copy of the utility bill or a screenshot of utility bill

UTILITYAPI

How do we **unlock** data?

Web Portal Adapters

Uses login credentials (i.e. username and password) to automate the logging into a consumer's online utility account .

Layers on top of an utility's existing customer utility data sharing portal to access data.

Technical Hosting Integration

Direct API Integrations

An API integration with a utility's back-end systems where customer data can be accessed.

A centralized data storage pool where customer data can be pushed by utilities, organized, and accessed on demand.

Structured Data Lakes

Manual Self-Upload

A portal where utilities can be notified of incoming data authorizations, and allows utility staff to verify submissions and upload authorized data.

UTILITYAPI

UtilityAPI coverage today

Meters covered

- 100-75%
- 75-50%
- 50-25%
- 25-1%
- No coverage

UTILITYAPI
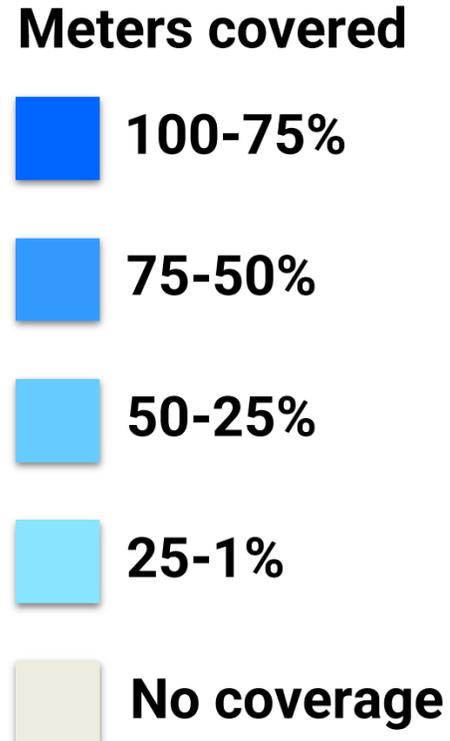
UTILITYAPI

Discussion & Questions

Chad Kruse - **chad@utilityapi.com**