empowOR
outcomes & results
by CSST SOFTWARE, LLC

Community Action Data Store (CADS)

WHAT IS CADS?

CADS is your data **together in one place**, while still existing in its original sources/locations - whether that's empowOR, another funder's database, or another system.

In order to allow CADS to accept data from any type of client system, the **individual client** is the center of the data model.

CONTACT US FOR A DEMO

empowOR.org
201.448.7426
sales@empoworbycsst.com

INTEGRATION ACROSS SYSTEMS

The Community Action Data Store (CADS) can be used to support data integration across multiple agencies and/or multiple data systems. It allows agencies to gather services, outcomes, case notes, income & benefit information, and assessments about clients from across multiple data systems.

HOW IT WORKS

The public API allows for both insertion and updates (and in a few cases deletion) and calls for the data from CADS. As a data store it has limited validation, but the data can be manipulated "as it's retrieved" from the store. Other systems can utilize the data from CADS in their own UI or in data analysis or business intelligence software.
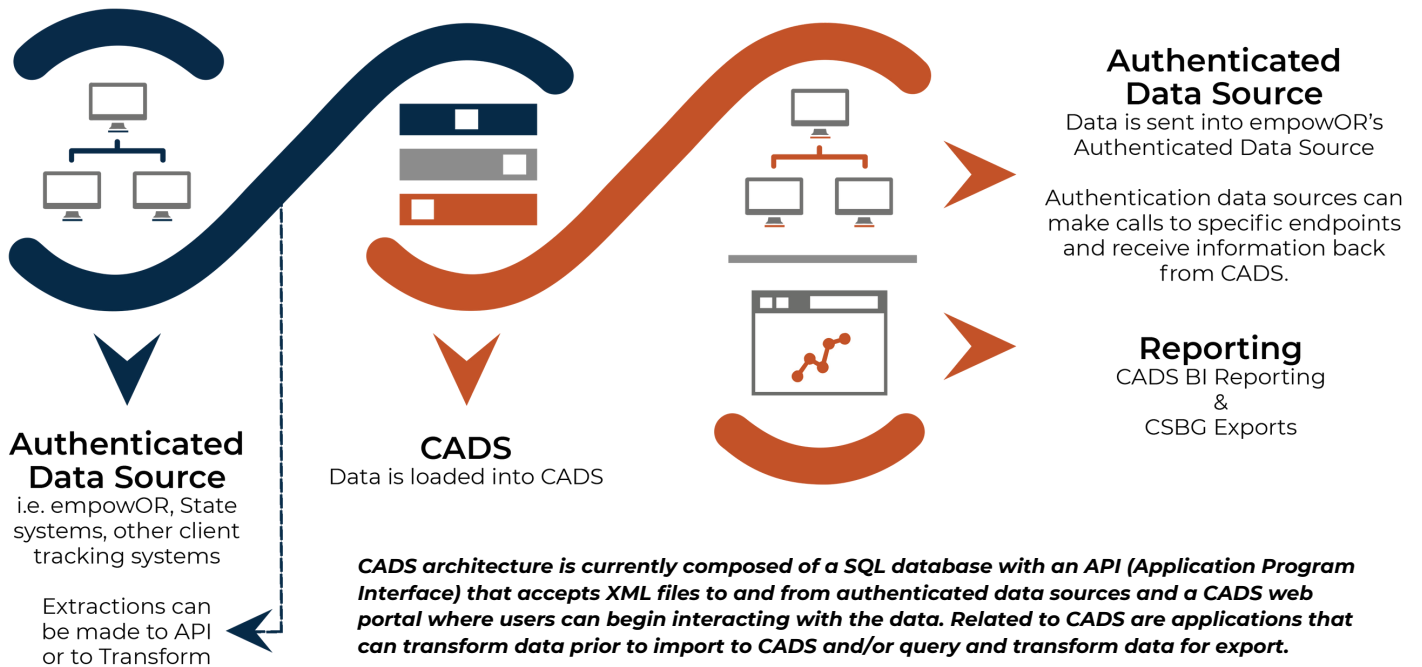
THE BENEFIT FOR YOUR AGENCY

CADS will automatically link clients together across data sources based on deterministic or probabalistic matching. empowOR will allow searching of CADS' clients and linking clients within CADS, an indication that they are the same person but might be coming from different software systems. This results in de-duplicated participants across the entire agency.

WHY CONSIDER USING CADS?

Client level data is often stored in different software systems and databases that may not be controlled by the agency. Effective organization management and the ability to achieve (and prove) results, which are in turn necessary for securing funding, require nonprofits to have data capacity across the breadth of their programs and systems. We understand that CAAs, as multi-service community based organizations, need access to basic demographic, service, outcome, and sometimes assessment data for as many of the people that the agency serves as possible. This assists in making effective decisions about programs and services, as well as overall operations.

Authenticated Data Source
i.e. empowOR, State systems, other client tracking systems

Extractions can be made to API or to Transform

CADS
Data is loaded into CADS

Authenticated Data Source
Data is sent into empowOR's Authenticated Data Source

Authentication data sources can make calls to specific endpoints and receive information back from CADS.

Reporting
CADS BI Reporting
&
CSBG Exports

CADS architecture is currently composed of a SQL database with an API (Application Program Interface) that accepts XML files to and from authenticated data sources and a CADS web portal where users can begin interacting with the data. Related to CADS are applications that can transform data prior to import to CADS and/or query and transform data for export.

CADS was specifically designed to accept data of interest to multi-service community-based organizations including:

- *Client and household information*
- *Demographic data*
- *Services data, including the program*
- *Outcomes*
- *Assessments*
- *Income*
- *Public Benefits*
- *Case notes*

CADS automatically links client records from the various data sources that an agency has access to based on two methods:

1. Deterministic match on name, DOB, or last four of SSN.
2. Probabalistic match based on name, partial name, DOB, gender, city, zipcode, email, and phone numbers.

In terms of seeing data from CADS, there is a very simple "website" for CADS that currently allows users to request a CSBG Export.

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