TechBridge:
Lifting Communities by Enabling Data Sharing

TechBridge®

Overview

TechBridge is a national nonprofit, headquartered in Atlanta, with a mission of breaking the cycle of generational poverty through the innovative use of technology to transform nonprofit and community impact. TechBridge provides technology career programming to provide technical instruction that leads to living-wage employment in the tech industry. TechBridge also assists nonprofit organizations across the US with their data and technology needs.

Challenge

One organization TechBridge provides technology support to is the United Way of Greater Nashville's Family Collective, which focuses on preventing and ending homelessness for families across 5 counties and 24 nonprofits. The data gathered across this ecosystem can determine predictable pathways out of poverty and homelessness.

But without reliable data, it's hard to accomplish their mission. Changes in data across sources inhibited data sharing more broadly between groups and stakeholders. In order to scale to more counties and partners, the team knew they needed to move to a distributed system.

Solution

TechBridge decided to implement StreamSets to enable data sharing and care coordination across the 5 counties and 24 nonprofits and school systems in middle Tennessee. This allowed each partner to utilize their own client management system and enabled bi-directional data sharing between partners and funders.

> **"StreamSets and Snowflake are utilized to enable data sharing and care coordination across 5 counties and 24 nonprofits and school systems in middle Tennessee."**
> *-Karen Cramer, Chief Community Impact Officer*

TechBridge's data intake system consists of multiple Salesforce instances, and StreamSets smart data pipelines send data back and forth between those instances, doing deduplication checks. Then, all data is aggregated into United Way's main Salesforce instance so they can see families receiving programs and services and the outcomes achieved.

StreamSets fits nicely into TechBridge's overall database modernization too. The team hosts a Snowflake database on AWS and is leveraging a database warehousing system that can be accessed by any data intake system. If they were just using SQL Server, they would have to

be dependent on applications that sync with SQL Server. Since StreamSets and Snowflake are cloud-agnostic, they can sync with Azure, Google Cloud, or AWS.

Results

With StreamSets enabling bi-directional data sharing, nonprofits can see the families they serve in common to better coordinate care. It's easier to make sure those families have access to all the services and resources they need in so many areas: early childhood and K-12 education, transitional shelters, affordable housing, youth development and mentoring, afterschool programming, workforce development, and financial coaching.

Since the inception of the Family Collective:

- 79 families have been housed
- 20 adults currently enrolled in higher education program
- 680 families prevented from being homeless
- 1,667 adults served

And it's only the beginning. Cramer shares, "We hope to bring this data sharing ecosystem to additional communities to move more families out of experiencing homelessness."

ABOUT STREAMSETS

At StreamSets, our mission is to make data engineering teams wildly successful. Only StreamSets offers a platform dedicated to building the smart data pipelines needed to power DataOps across hybrid and multi-cloud architectures. That's why the largest companies in the world trust StreamSets to power millions of data pipelines for modern business intelligence, data science, and AI/ML. With StreamSets, data engineers spend less time fixing and more time doing.

To learn more, visit www.streamsets.com.