

Simplifying Data Integration: COTA Cuts Data Integration Complexity by 90%

Client: **COTA**

Industry/Sector:
Public Transportation

Location:
Central Ohio, USA



Introduction

The Central Ohio Transit Authority (COTA) is a major public transportation provider serving Central Ohio. COTA reported 13 million total rides in 2025, generating substantial operational and business data across the organization. COTA partnered with CCS Global Tech to modernize its legacy data environment and create a unified Enterprise Data Platform. The goal was to simplify data integration, improve data availability, accelerate reporting, and establish a governed foundation for future analytics and modernization.

Client Requirements

COTA needed a modern enterprise data platform that could consolidate multiple legacy systems into a single governed environment and reduce the complexity of managing data across disconnected integration paths. The platform also needed to make trusted data available faster, shorten reporting cycles, support more timely decision-making, and provide a scalable foundation for future business intelligence and analytics capabilities.



The Challenge

The legacy data environment relied on multiple systems and integration paths, creating complexity and slowing access to reliable information. Teams often had to wait weeks for reporting, limiting how quickly operational and business questions could be answered.

COTA needed to simplify the architecture without sacrificing governance or data quality - creating a more consistent, accessible, and maintainable data foundation for the organization.

Our Solution

- **Platform Consolidation:** Reduced a fragmented integration landscape into one unified enterprise data platform.
- **Governed Data Environment:** Established a more consistent foundation for managing trusted enterprise data.
- **Simplified Integration:** Streamlined data movement and reduced the complexity of multiple legacy connections.
- **Improved Data Availability:** Enabled information to become available faster for reporting and analysis.
- **Accelerated Reporting:** Helped move reporting from multi-week cycles to same-day insights.
- **Fault Tolerance:** An automated Error Handling framework to handle the Data issues and inform stakeholders.

Results



90%
reduction in reporting effort



10×
improvement in data availability



Same-Day
reporting replacing multi-week cycles



Unified Platform
one governed environment replacing
fragmented legacy complexity



Faster Decisions
more timely access to trusted operational
and business information



Scalable Foundation
modern architecture supporting future
analytics and modernization

Client Testimonials



"I am excited to have all our data in one source. It will make building our reports more efficient and make data investigations easier."



"This is the gold standard of how a third-party IT implementer should incorporate accessibility specific to a project."



"The platform allows us to gather a lot of information that comes from multiple data sources into one place."



"I'm impressed with data query time. I can retrieve the data that I need faster than I could before with other databases."

About CCS Global Tech

At CCS Global Tech, we deliver AI-enabled technology solutions that transform complex data into actionable intelligence.

We help transit agencies modernize systems, optimize cloud platforms, and leverage AI-driven insights to enhance fleet performance, reduce delays, and strengthen safety, resulting in efficient and more reliable transit operations.

29+

Years in Business

5+

Global Locations

100+

Active Gov. Contracts

500+

Happy Clients

Reach out to our experts today!

Are you ready to transform your data into actionable insights?

Let's work together to build a future-ready data analytics platform that empowers decision-making and improves efficiency.



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