



Connecticut State Department of Education

QUISITIVE



Situation

- **Connecticut State Department of Education (CSDE)** is responsible for distributing funds to all Connecticut public school districts. The Department also operates the Connecticut Technical Education and Career System.
- CSDE wanted to understand their options for migrating their applications to Azure. Their concerns include enhancing user experience, modernization to utilize PaaS platforms, and a more secure environment for sensitive data.
- The legacy versions of .NET framework supporting these applications are incompatible with operation in Azure. Without more current and compatible versions of these components, the applications will not run in the cloud. By running these unsupported platforms, CSDE faces significant risk of intrusion and data loss.

The Players

Territory	Higher Education
AE	Chuck Luey
SSP	Nikhil Keeppanasseril
SSP	Julie Benevides
Partner	Quisitive

Solution

- To analyze this legacy environment, CSDE engaged with Quisitive in a Microsoft-funded Application Innovation Engagement. CloudPilot was used to scan 5 applications, 5 databases and gather data on compatibility with PaaS offerings in Azure.
- Quisitive analyzed this data and conducted design sessions with CSDE to provide specific recommendations to modernize this estate including an upgrade .NET framework, development a proof of concept for TCS App .NET from 2.0 to .NET 4.8, validate that the application can run after framework upgraded, and begin application migration.
- Quisitive provided documented architecture for the in-scope applications in Azure and optimized consumption cost estimates.

Next Steps

- Now that CSDE has a strong migration plan in hand, they have asked Quisitive for a proposal for proof of concept for their applications.

Impact

Customer Impact

- With this engagement, CSDE now has a holistic plan for migrating their legacy applications to the cloud that takes into account their needs around user experience, modernization, and security.

Microsoft Impact

- With the migration of their applications to Azure, CSDE will generate an additional \$6K per month in Azure consumption revenue.



Azure App Innovation
Delivers an in-depth analysis of 1-5 simple applications for modernization to Azure complete with architecture design and migration plan.