



G-Cloud 15

Azure Cosmos DB

Service Definition

Service Overview

Ceox's Azure Cosmos DB enables Public Sector Organisations to build a globally distributed, multi-model database service for scalable, high-performance applications. Deliver better Public Services with low-latency access, high availability and support for NoSQL APIs (MongoDB, Cassandra) and Relational workloads (PostgreSQL). The Azure cloud-based solution designed for modern applications and AI.

Ceox is proud to offer a comprehensive suite of data services, meticulously designed to support the unique needs of public sector organisations. Our expertise spans across all facets of the Microsoft data platform, ensuring that our clients can harness the full potential of their information assets for improved decision-making, operational efficiency, and service delivery.

Our Business Intelligence solutions, powered by Power BI, enable organisations to visualise complex data sets, uncover actionable insights, and drive better outcomes for citizens. We help you set up intuitive dashboards and interactive reports that make data accessible to all stakeholders, fostering a culture of transparency and accountability.

Through Data Analytics, Data Engineering, and Data Architecture services, Ceox assists public sector bodies in building robust data foundations. We design and implement solutions on scalable infrastructure that securely manages and processes vast amounts of information, adhering to stringent compliance and governance standards essential in government environments.

Our Data Science offerings enable predictive analytics and advanced modelling, helping organisations to anticipate trends, optimise resources, and better serve communities. From statistical analysis to machine learning, we deliver solutions that transform raw data into strategic advantage.

We provide Data Testing and Data Warehouse services to ensure data integrity, consistency, and availability. By establishing reliable storage and validation procedures, we help public sector organisations maintain trust in their data and facilitate seamless reporting across departments.

Our Data Strategy services guide organisations in developing long-term plans for data use, management, and innovation. We work collaboratively to create roadmaps that align with organisational goals and regulatory requirements, fostering sustainable growth and digital transformation.

For organisations looking to modernise or consolidate their systems, Ceox offers Data Migration services utilising tools such as the KingswaySoft SSIS Integration Toolkit. Our proven methodologies ensure secure, efficient migration of data

between legacy and modern platforms, minimising disruption and preserving data quality throughout the process.

By partnering with Ceox, public sector organisations gain access to a team of seasoned professionals committed to delivering tailored solutions and measurable value. Our approach is collaborative, transparent, and focused on empowering organisations to make data-driven decisions that deliver world class digital services.



Our Features

Our service includes:

- This service is designed to deliver real-time data grounding as a core capability.
- It enhances organisational performance by providing hybrid search.
- Teams benefit from the inclusion of serverless PAAS, improving day-to-day outcomes.
- The solution strengthens service delivery through global distribution.
- Public sector users gain greater efficiency thanks to data.
- It supports modern operational needs by enabling supports document JSON.
- A key advantage of this service is its ability to offer key-value.
- The approach ensures seamless access to graph when required.
- Organisations see immediate value from column-family data models.
- Finally, the service elevates digital capability by incorporating Business Intelligence.

Benefits for You

Our Service provides many benefits including:

- This service helps organisations achieve data quality as a meaningful benefit.
- It further supports public sector outcomes by delivering data integrity.
- Teams experience improved results thanks to data sharing.
- The solution enhances operational effectiveness through integration.
- Users gain measurable value from apache.
- It strengthens organisational capability by enabling event grid.
- Another key benefit is the service's ability to provide support.
- The approach ensures consistent delivery of discovery.
- Organisations appreciate the impact of user research.
- Finally, the service boosts performance by incorporating design.

About Us

We are a certified B-Corp, on a mission to help UK Public Sector organisations use Microsoft technologies to deliver world-class digital services.

We work with Government Departments, Agencies and Public Bodies to drive efficiencies, create engaging citizen services and enable modern digital government.

As a Microsoft Solutions Partner with designations in Business Applications, Data & AI and Digital & App Innovation, we are experts in Agentic AI, Power Platform, Dynamics 365 and the Azure Data Platform. Our team brings extensive public sector experience, from large government departments to mid-size agencies and smaller non-departmental public bodies.

Ceox combines proven technical expertise with an agile, straightforward approach that makes it easy for organisations to use Microsoft technology and deliver world-class digital services.



Cert no: 24565

Our Other Services



Ceox offers a comprehensive suite of services to public sector organisations, all accessible via G-Cloud and other procurement frameworks. Our expertise spans several key areas, each designed to support the delivery of efficient, citizen-centric modern digital government.

Agentic AI

Our Agentic AI services are tailored to enable the transformation of public sector organisations, providing advanced AI agent solutions that drive significant efficiency gains whilst maintaining quality of service and delivering world-class digital services.

Citizen Facing Services

We specialise in building engaging and compliant citizen-facing digital services. Each service is aligned with the Government Digital Service (GDS) Service Standard, ensuring that organisations can deliver world-class public services that are both user-friendly and effective in meeting the needs of citizens.

Business Applications

Ceox designs, builds, and supports best-in-class business applications leveraging the Power Platform and Dynamics 365, focused on improving operational efficiency. We also provide strategic guidance and empower citizen developers to create and manage their own digital tools.

Data & Analytics

We enable organisations to extract valuable insights from their data by utilising the robust suite of data tools available on Microsoft's Azure cloud platform. Our services include the construction of enterprise-grade data warehouses and analytics solutions, allowing organisations to make informed decisions, optimise their operations and deliver world-class digital services.

Our Experience

Our Public Sector experience includes:

Department for Education

- Power Platform Grant Application and Management solution for Connecting Classrooms
- Power Apps Portal for Education Bodies to provide Reinforced Autoclaved Aerated Concrete (RAAC) information for schools

Department for Transport

- Dynamics 365 Public Enquiry Management solution to support the Department's handling of Enquiries and Parliamentary Correspondence
- Development and support for a range of Corporate Power Apps deployed across DfT including Praise Management and Local Recognition, Declaration of Interests and Gifts and Hospitality.
- Power Platform Centre of Excellence provision including training and empowering Citizen Developers.

Department for Energy Security and Net Zero

- Take-on and support of a Dynamics 365 case management system

Foreign, Commonwealth & Development Office

- Intelligent Automation (RPA and AI) for Correspondence Management system using Power Apps and Power Automate
- Design and development of an Agentic AI solution to handle finance and HR queries and processing.

Genomics England

- Take-on and support of a 3rd party developed Dynamics 365 system

Historic Royal Palaces

- Dynamics 365 development and support for marketing campaigns

HM Treasury

- AI Agent for correspondence handling

Homes England

- Delivery of a major funding programme service.
- Architecture and delivery of a Data Platform.
- Supporting in the modernisation of digital and data capabilities

Human Fertilisation & Embryology Authority

- Replacement of a legacy regulatory licence management system into Dynamics 365.
- Build and development of a clinic portal using Power Pages
- Creation of a new data model and migration from existing repositories

Labour Relations Agency

- Development and support of a Power Platform conciliation case management solution
- Data transformation and migration from a legacy platform into the cloud

Legal Ombudsman

- Take-On and support of a 3rd Party Dynamics 365 based case management solution

Solicitors Disciplinary Tribunal

- Dynamics 365 Case Management System to support Tribunals
- Power BI development to provide Management Reporting with dashboards and reports

Transport for London

- Development of a Power App to manage safe access to London Underground stations by contractors and engineers
- Power App development to monitor on-going work and repairs on London Underground Tracks
- Microsoft Dynamics 365 solution with a portal for HGV safety registration
- Road User Charging system with Dynamics 365 and Azure

UK Export Finance

- Development of a Model Driven Power App for case handling including complex calculations and user configuration

UK Research and Innovation

- Power Platform Model Driven Application with SharePoint Integration to manage the bid process and store contractual documentation
- Power Pages solution to gather supplier details and internal Model Driven Application to manage the process of supplier proposals.

Valuation Tribunal Service

- Appeals Management System using Microsoft Dynamics 365
- Power BI Management Reporting solution
- Agentic AI solution for handling evidence submission

Welsh Government

- Leave Booking App in Welsh and English to support cross government leave booking and management
- Power App based solution for managing Permits for Welsh Fisheries
- Delivered a Power Platform Centre of Excellence with training





Get in Touch

To learn more about Ceox and our services, follow the links below or contact us directly.

<https://ceox.co.uk>

Feel free to drop us an email on:

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If you'd rather talk on the phone, then our number is:

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