



SIMPLE, SEAMLESS AND SECURE DATA EXCHANGE

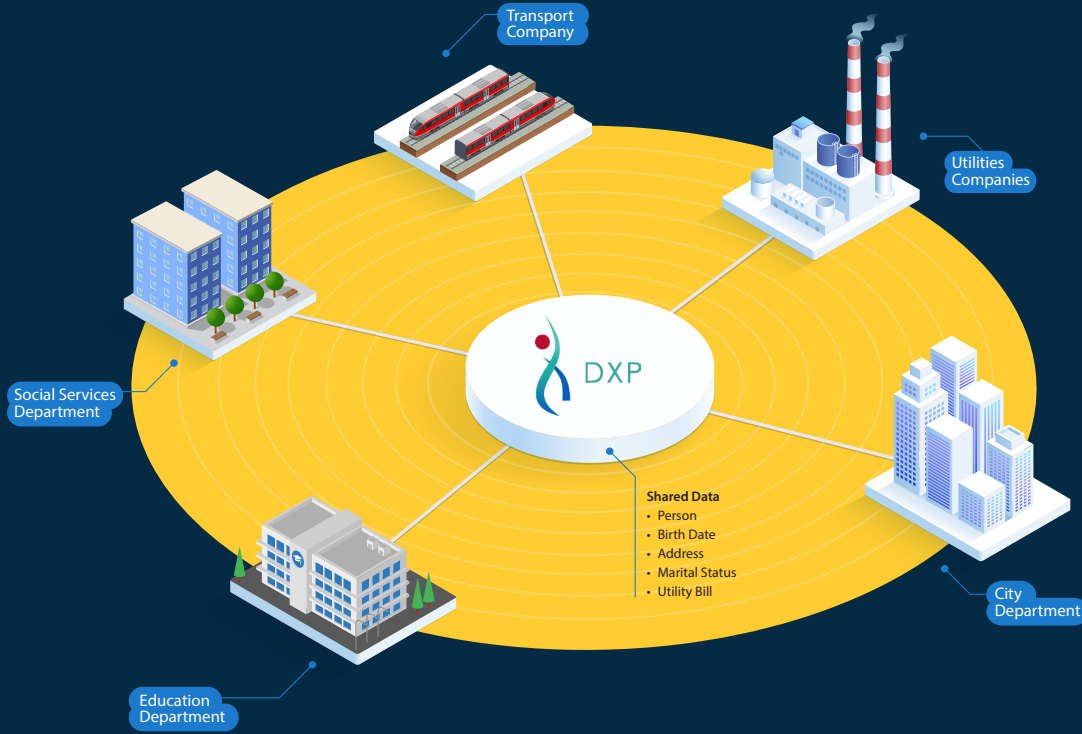
Coherence Data Exchange Platform (DXP) centralises data into one powerful platform, where information is exchanged and managed securely for greater efficiency, insight and possibilities.

Many organisations are custodians of dynamic data assets today. Exchanging data seamlessly with one another is the road to deeper insights for improved business and government decisions.

Coherence DXP creates robust data hubs to facilitate data exchange and promote the growth of ecosystems that offer better solutions through the power of shared data.



A NETWORK



Use case of a city empowered by Coherence DXP's hub-and-spoke architecture for multi-network data exchange, which promotes the growth of ecosystems

AN ECOSYSTEM



HUB-AND-SPOKE ARCHITECTURE

The Coherence DXP platform (hub) connects multiple organisations (spokes). All data exchange activities by the organisations, such as contributing or retrieving data, take place centrally via the hub.

CONNECT ORGANISATIONS, SHARE DATA, GROW ECOSYSTEMS

Our powerful hub-and-spoke architecture can connect a network of organisations with many others. This builds ecosystems of networks that:



Use a standardised data sharing model

Organisations adopt common data standards to share or retrieve data. This creates simplified and seamless workflows across each ecosystem, which encourages more data sharing among organisations.



Share data quickly and easily

Each hub captures a particular data only once. The data can then be used by various organisations, saving them time and manpower.



Have access to quality data, anywhere and anytime

Data from multiple contributors form a 360° view and is synchronised in the main hubs as the single source of truth. This enables data to be consistent and available 24/7.

FEATURES



Data Definition Editor

Define and manage the data's qualities and its relationship with other data to create a data model for sharing. Apply a mask for sensitive data and manage unmasking permissions.



Service Testing

After defining the data model, publish it in a two-step process: carry out tests in a staging environment for tests before going live.



Data Service Directory

Registered organisations can browse or search for available data via the directory, and then subscribe to specific data, which requires approval from the data owner. When the data subscribed to is changed, push notifications are sent.



Web API and SFTP

Both web-based and the file transfer method of data exchange are supported and secure.



Administration

Share information with the right organisations in a safe and secure manner by controlling access to the data.



Reports and Monitoring

Monitor transactions, jobs and statistics to improve daily operations. Reports cover a wide range of movements including requests, successful and non-successful data transfers and more.

BENEFITS



Centralise data management

Organisations access a single platform for all data needs. Data consistency is ensured across the ecosystem.



Simplify data exchange

Standardise the protocols used for data sharing and promote common data standards.



Streamline data

Capture data once and provide it to multiple organisations for efficiency.



Optimise resources

Enable interoperability and integration for seamless data exchange.





Ensure data integrity and security

Data privacy governance and security are enhanced with centralised data ownership, management and sharing.



Grow data ecosystems

Connect organisations and empower them to share data with one another for greater insights.



Host the platform anywhere

Coherence DXP offers maximum flexibility when it comes to deployment: host it on commercial clouds, private cloud or the organisation's on-premises data centre.



Enable speedy data sharing

Make information exchange fast, easy and secure for all.

WHY CHOOSE US

WE HAVE DEEP EXPERTISE

Coherence was developed over 30 years of international domain experience in digital government solutions.

WE UNDERSTAND WHAT YOU NEED

We have supported more than 40 countries with our products and solutions after assessing each of their unique needs.

WE WORK FAST

We combine our experience with global best practices to ensure quick and successful deployments.



Coherence enables governments to be more efficient and effective in delivering excellent public services. Our products and services automate, simplify and enhance processes for governments to create pro-business and pro-citizen environments, where relationships between agencies and communities strengthen and thrive.



To learn more about Coherence:

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Our world-class digital government solutions, products and services create value for citizens and businesses. Together with governments, we enable digital transformation in communities around the globe to positively impact lives.