Data Exchange
Transforming the way social sector data is shared

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A 'smart pipe' for safe, secure transfer of data

The DX is, in effect, a smart pipe that facilitates safe, efficient and controlled transfer of data.

Using the Data Exchange means evidence based social support decisions can be made sooner, improving service delivery and enhancing people's lives.

Data Exchange benefits

- **Safe and secure** transfer of data
- **Easy, efficient and consistent data connection** and transfer
- **Standard approaches to privacy, data management** and **data standards**
- **Improved service delivery** through better information

As a society we are increasingly data rich, but information poor. Effective social service delivery relies on understanding the environment, context and challenges of people in need. Those who can help need access to the right information at the right time.

The DX provides a safe, secure and easy method for government and service providers to transfer data, alongside clear guidelines about how data is used.

Typical Uses

- **NGO client on-boarding** – retrieve new client information from referring organisations and agencies
- **Referrals** – easy, automatic customer referral
- **Service provider contracts** – track results
- **Automated data standards** – for comparable contract reporting
- **Fine-tuning service provision** – inform policy and investment decisions to improve and better target services

New Zealand Government

How it works

Unlike a database, the DX doesn't store any data. It's a hybrid client and cloud-based solution that makes it easier for data to travel securely between organisations.

Simply connect, map, exchange:

Connect – The DX works with all major data storage systems and APIs. It takes as little as 20 minutes for an organisation to connect and begin exchanging data.

Map – The DX has algorithms that map data sources and destinations — users merely guide the process.

Exchange – Once authorised, data from the source system is encrypted and transferred to the destination system. This allows information to move between systems without requiring manual effort to build interfaces.

Security and privacy

The DX meets government information security standards set out in the NZISM for information classified as **sensitive** or **restricted**.

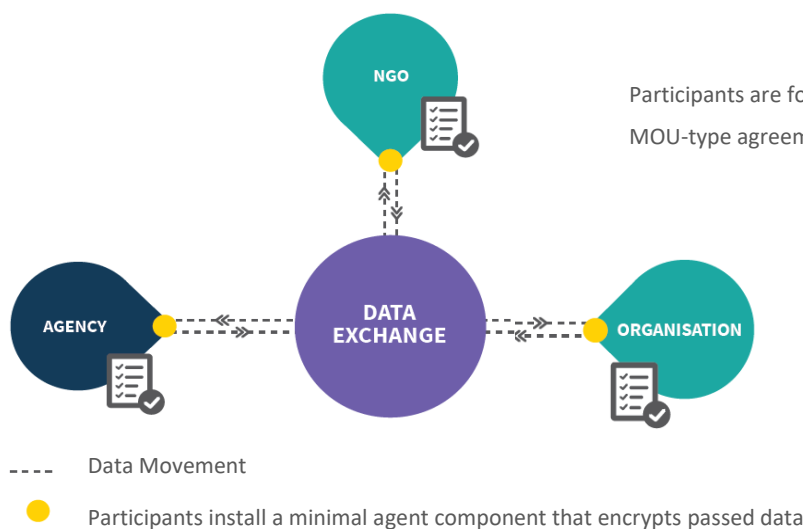Users follow a carefully designed set of security and privacy principles, guided by the SWA DX team.

FAQs

Does the DX retain data? – Only sending and receiving organisations access data. No other parties can see, retain or access any data content at any time.

Is the DX only for agencies? – The DX enables data transfer between organisations of any kind, including NGOs and government agencies.

Is a high standard of technical capability required to use the DX? – Only modest technical capability is needed to operate the DX, making it suitable for use by large and small organisations.

Does SWA own the DX? – Wellington based Kiwi company Eight Wire Limited owns and operates the DX.

Participants are formally on-boarded and participate according to MOU-type agreements

- - - - Data Movement

● Participants install a minimal agent component that encrypts passed data

More information   swa.govt.nz   info@swa.govt.nz