ECP Communication Channel
eSett customer committee 25.11.2021
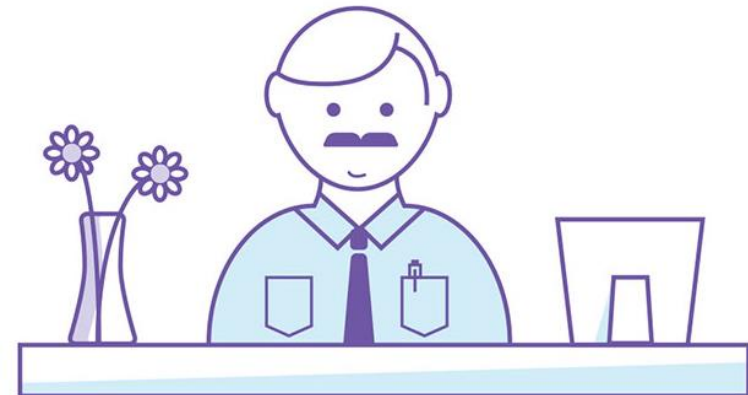
Communication Channels

eSett supports several communication channels

- ECP/EDX
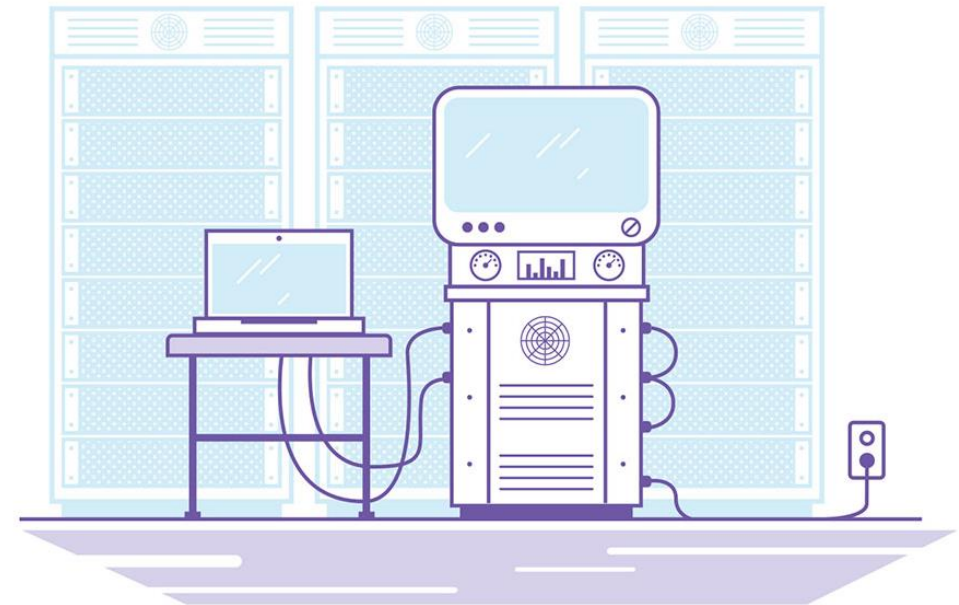
- SMTP

- SFTP

- Webservice (HTTPS)

ECP/EDX is the **preferred** channel due to enhanced security, robustness and simplicity.

- Harmonization increases efficiency
- Use is encouraged, ecp foreseen as the primary channel for exchanging market data.
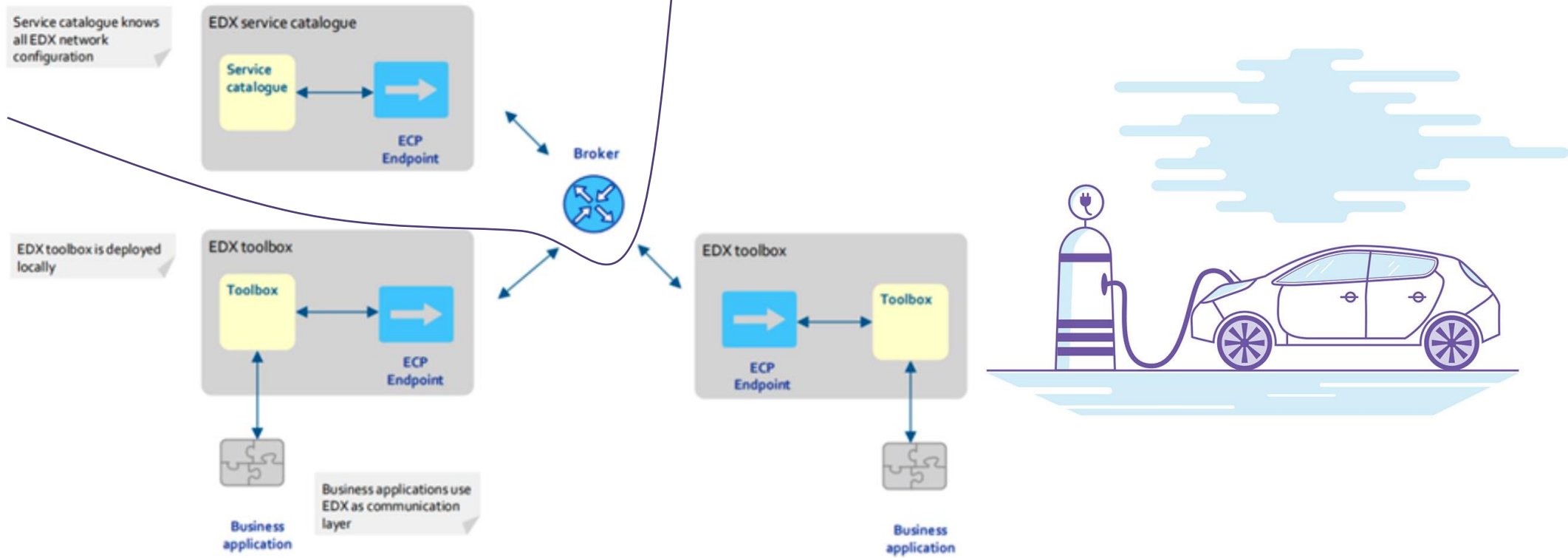
ECP ? EDX ?

- ECP refers to "Energy Communication Platform"

- ECP is owned, maintained and developed by Entso-e in co-operation with partner

- It is a reliable and secure way to exchange NBS messages between market participants

- EDX is a software extension adding flexibility to configuration

- eSett has used ECP in production since DK launch for all data exchange with Energinet.dk

- eSett and Fingrid harmonized data exchange to ECP in November 2021

- NTSO's have local documentation about joining the ecp network in different countries
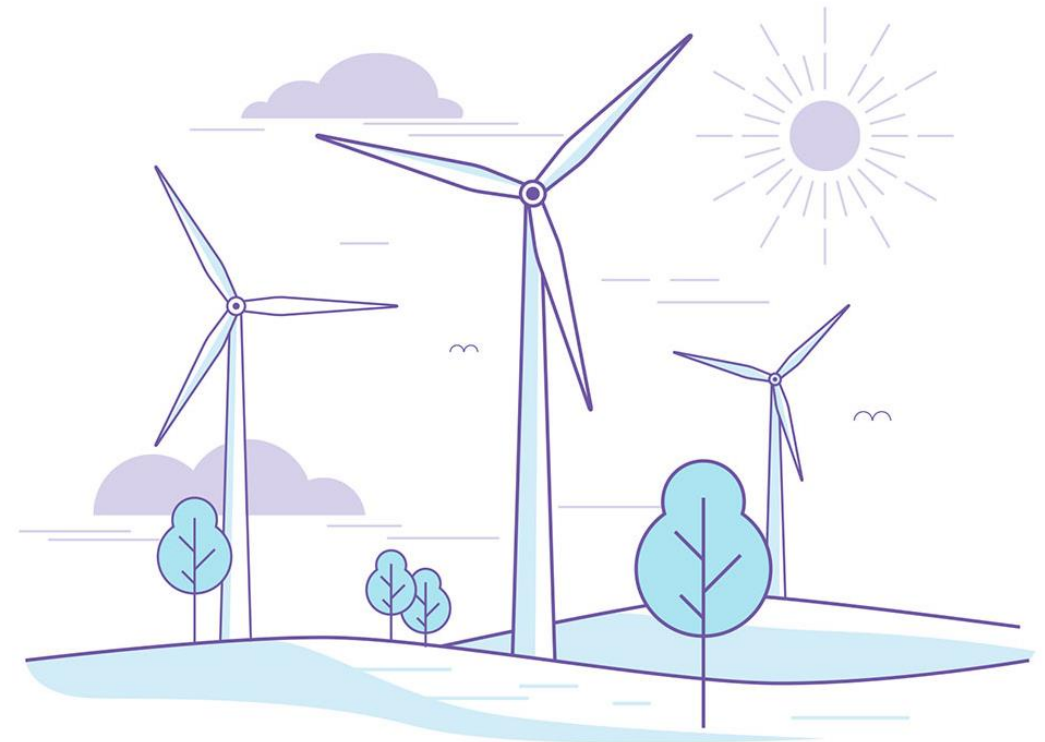
ECP / EDX Network

Adopting ECP as Communication Channel?

Instructions available at eSett website:

https://www.esett.com/customers/data-communications/

In a nutshell:

1) Acquire EIC X-code for your organisation and EIC V-codes for your ecp endpoints in test and production environments

2) Establish ecp endpoints for your test and production environments. Register those to NTSO's component directory

3) Implement routes for messages exchanged with eSett and test data exchange in the eSett "public" test environment

4) Once tested successfully, implement to production

eSett ECP setup

- eSett runs ECP in HA mode

- Stable setup with ecp version 4.8.0 and edx version 1.9.0

- It is always mandatory to test message exchange with eSett. eSett runs a test system connected to the test ecp network.

- eSett **test system** is identified via EIC code: 44V000000000028C

- Enquiries are welcome at settlement@esett.com

eSett **production system** is identified via EIC code:

44V000000000029A

Thank you!