Interoperability requirements in support of the Clean Energy Package

Creating a common vocabulary for smart devices

Pieter COETZEE
Director – IDIS Association

iDIS

Interoperability – simplified

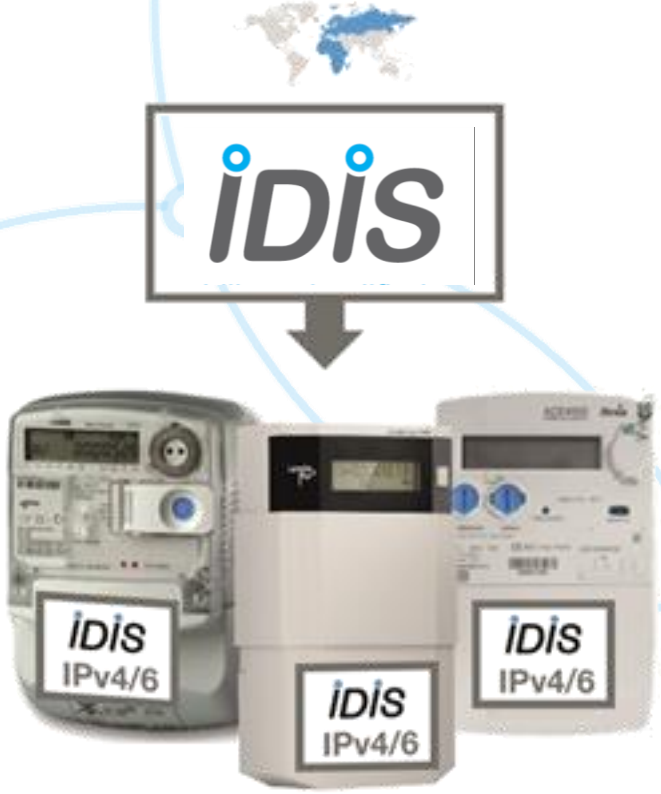
“IDIS is the only true open, multi-vendor interoperability effort we can point to worldwide”

Navigant Research

IDIS

Interoperability – simplified

Interoperable Device Interchange Specification



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- 13 Core smart metering **Use Cases**
- **Proven** interoperability approach
- Supported by **multiple devices** and vendors (more than 50 devices certified today)
- Based on widely adopted IEC **DLMS/COSEM** specifications
- Established certification and interoperability **testing methodology**
- Overlaying multiple **communication technologies**

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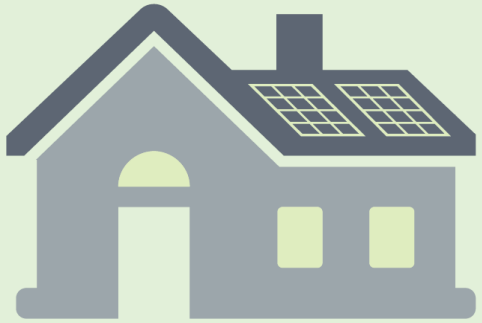
Shifting the Paradigm: Consumer Centric Model

Utility Retailers

Grid Operators (DSO / DNO)



Service Providers Data Access

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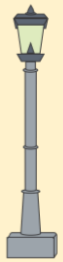
Regulated Data Access

Services Companies



Cities

- **Proven, interoperable & standardised solution**
- **Secure**
- **Consumer in control of data**

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What's in the IDIS box today: Data Access and Control?

1. **What energy and water consumption to share, and to what granularity**
2. **Grid Network Data**
3. **Control over loads and production**
4. **Access of data to third parties**
5. **Addition of extended features / upgrades**

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