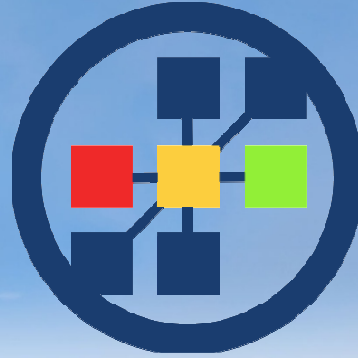


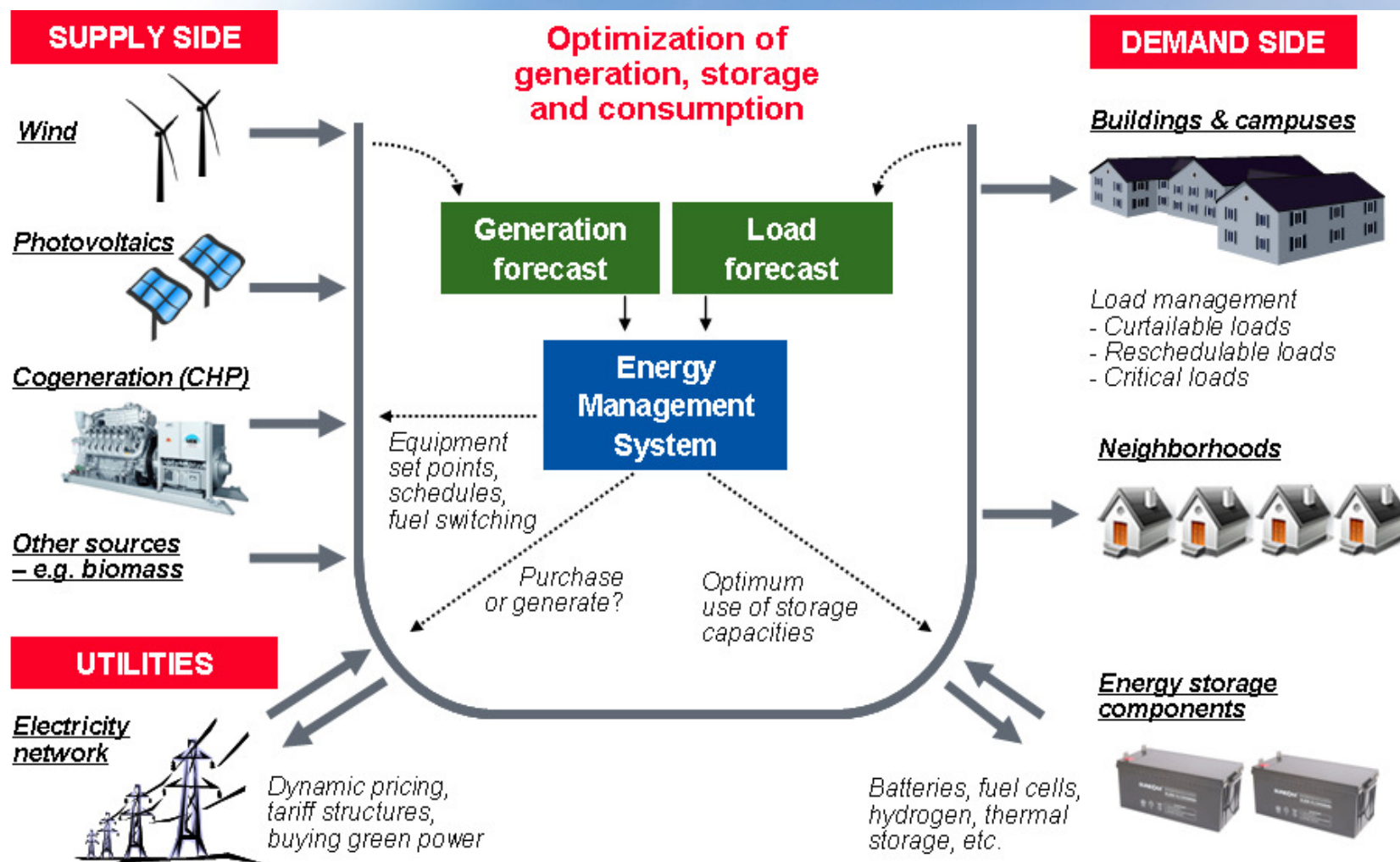
Seluxit

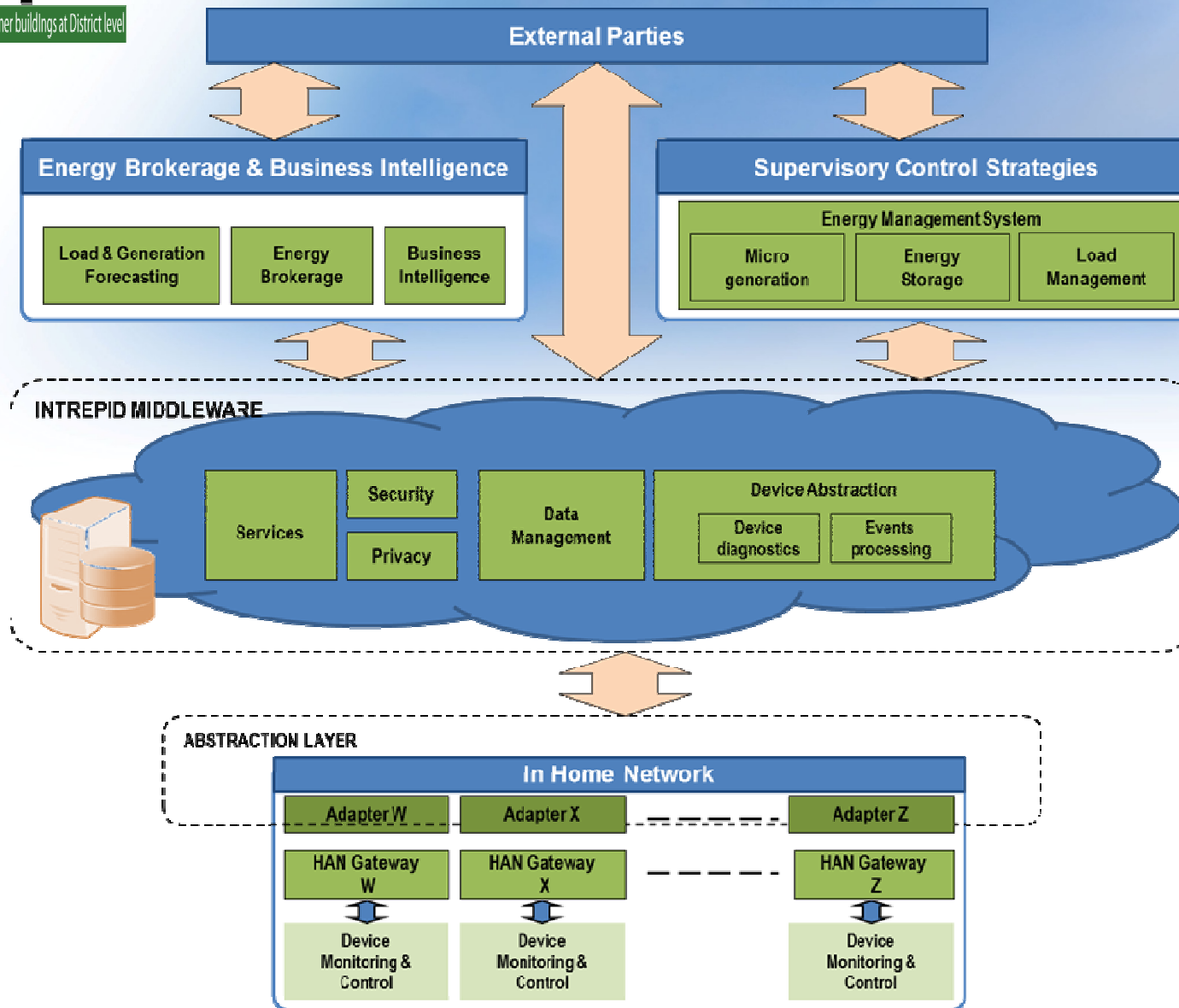


Smart Home

Smart Grid

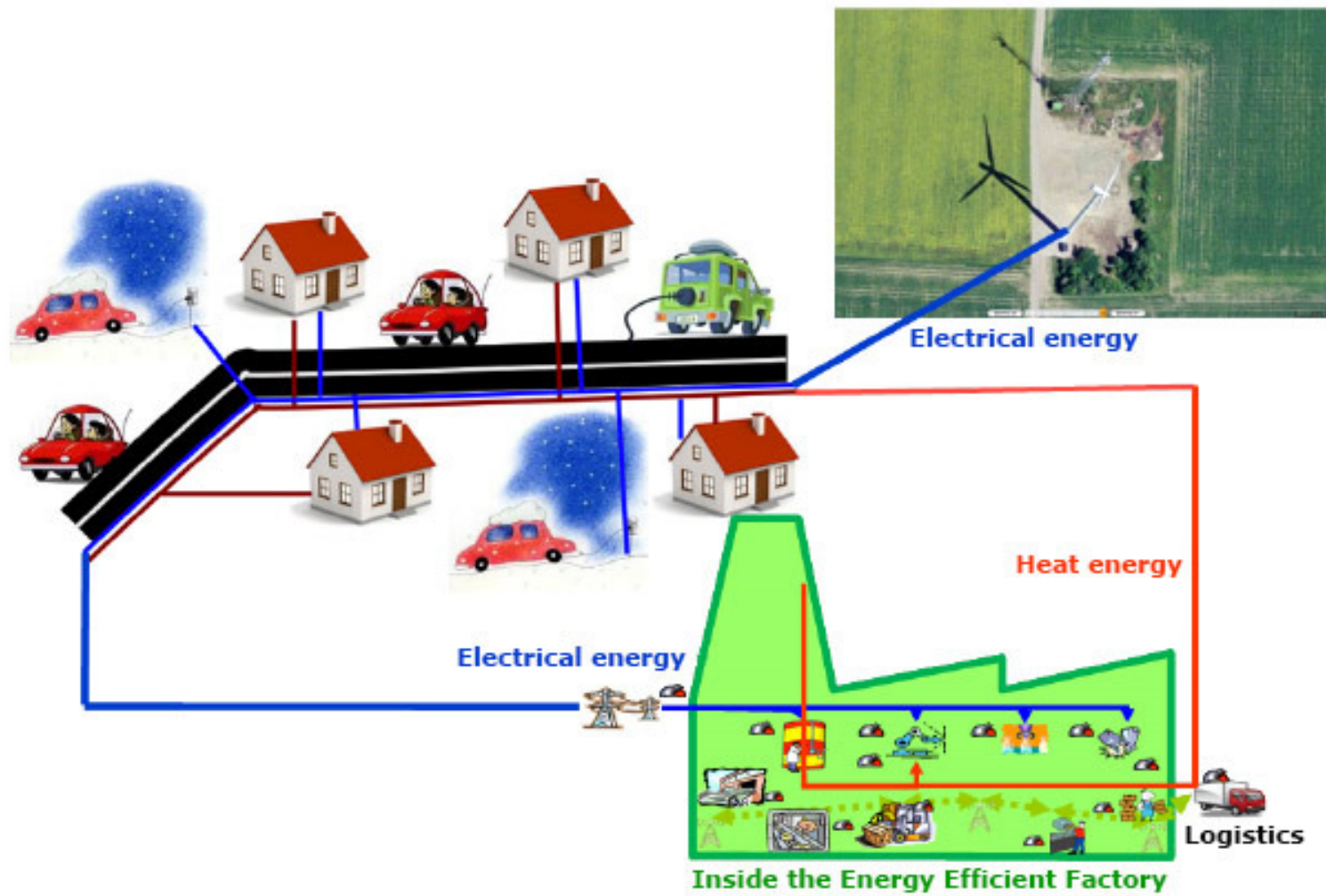
Energy efficiency







ARROWHEAD



The gap between “Things” Protocols and the Internet

Internet

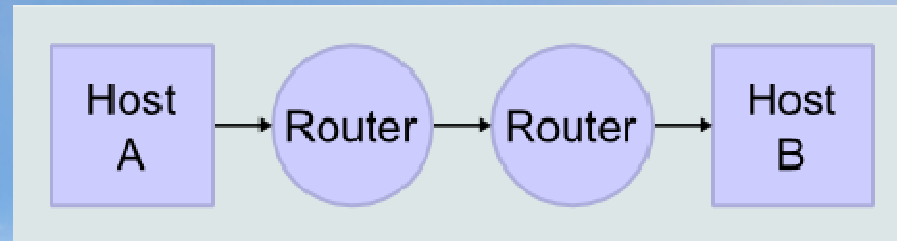
- XML
- Http
- TCP/IP
- Web services
- Plug and play
- Interoperable

Smart Home Protocols

- Many protocols (ZigBee, Z-Wave, KNX, Modbus, ...)
- Byte oriented communication
- Mostly Proprietary
- Not interoperable

IOT Protocols and the Internet

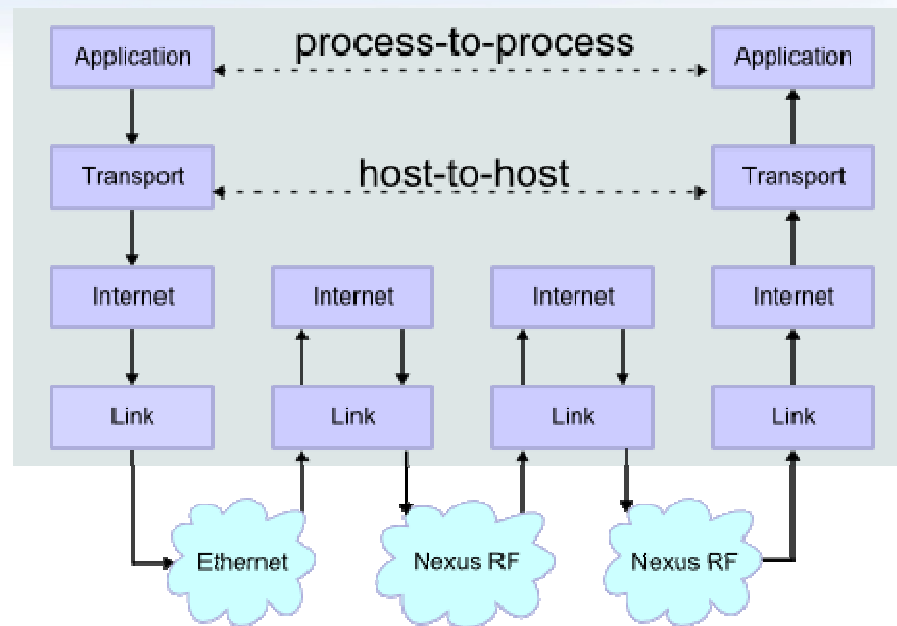
Network Topology



Our idea:

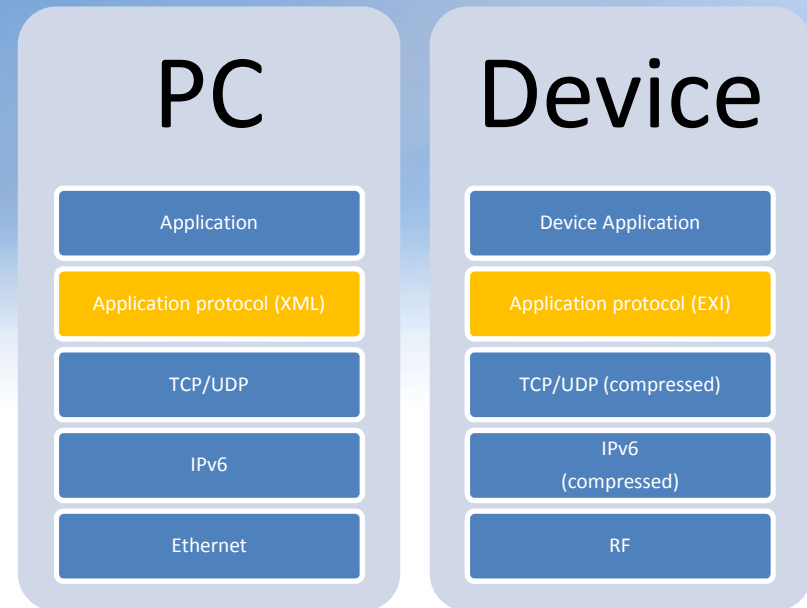
- A modern IOT Protocol fits fully transparent into the common Internet communication standards
- The last meter device communication is flexible and independent of physical restrictions (RF-signals, wire, fibre etc.)
- Future IOT intelligence can be realized as cloud-services and “internet-of-things”

Data Flow



IOT Application Protocol

- Using w3c standards:
 - XML
 - XSD
 - EXI
- Service oriented interface
- Self describing devices and services
- Application layer security
- Highly configurable
- Easily upgradable and extendible
- Easy to add new services
- Compression rates of about 90% from XML to EXI



Seluxit Solution

