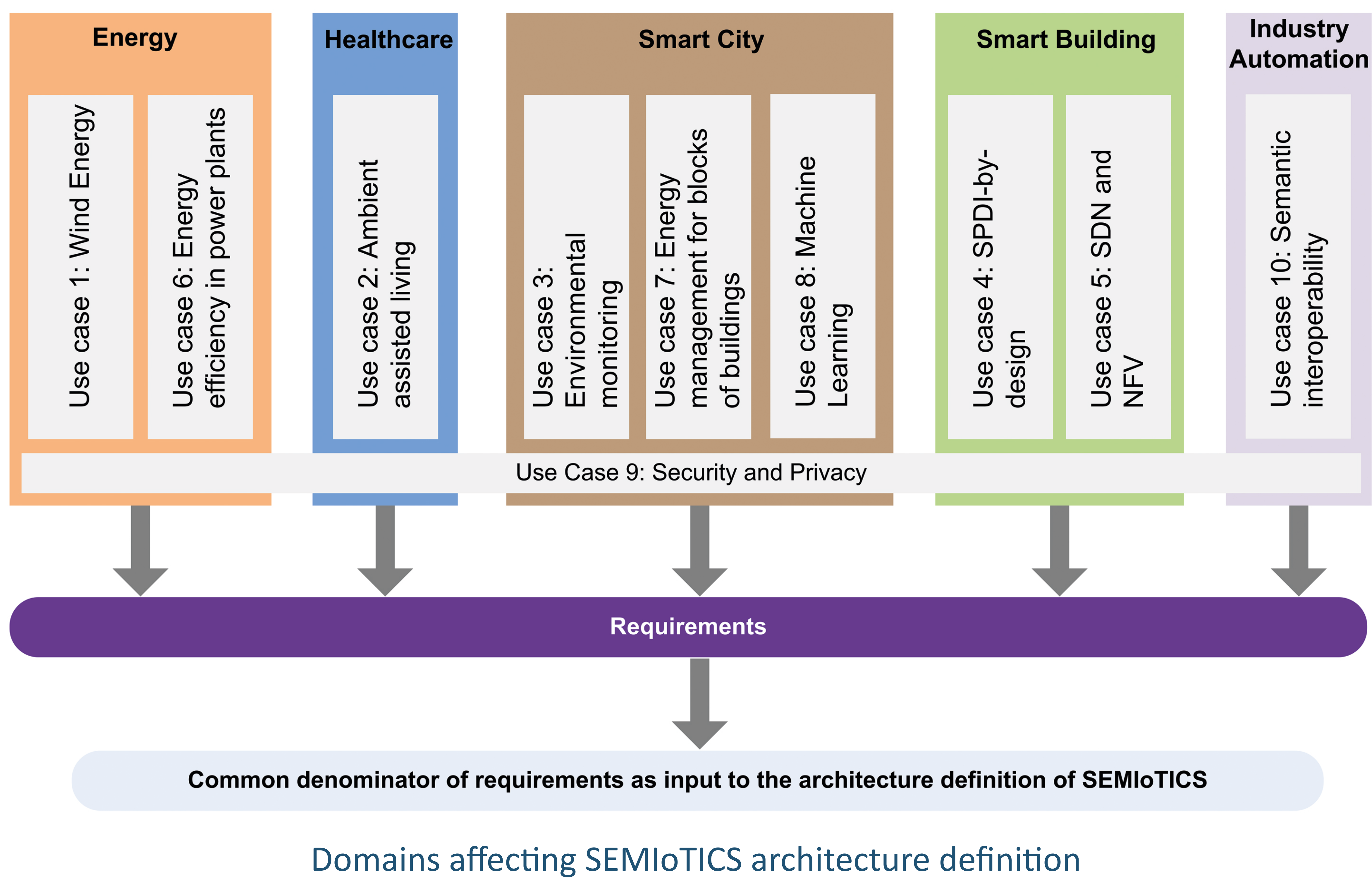


SEMIOTICS

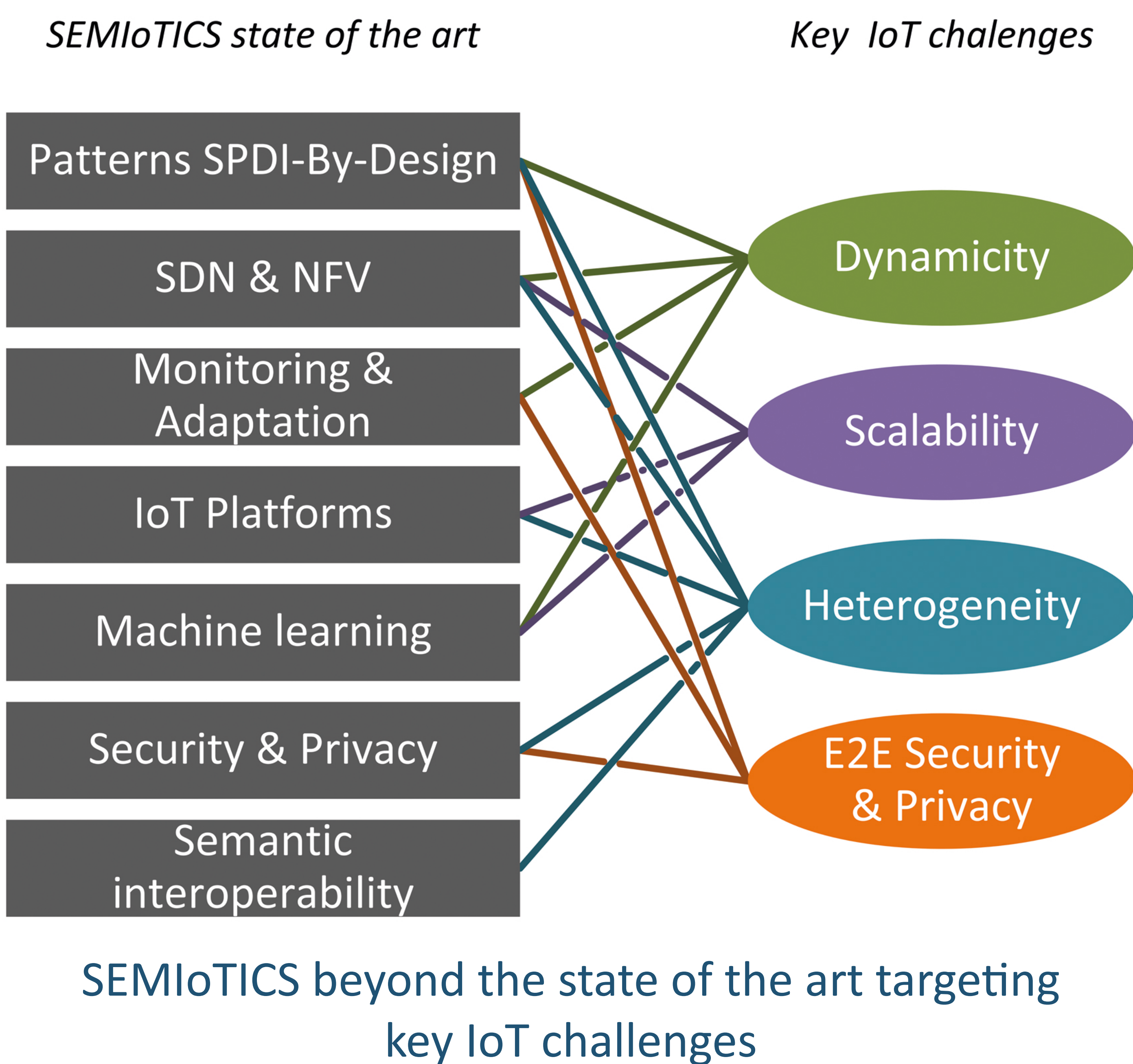
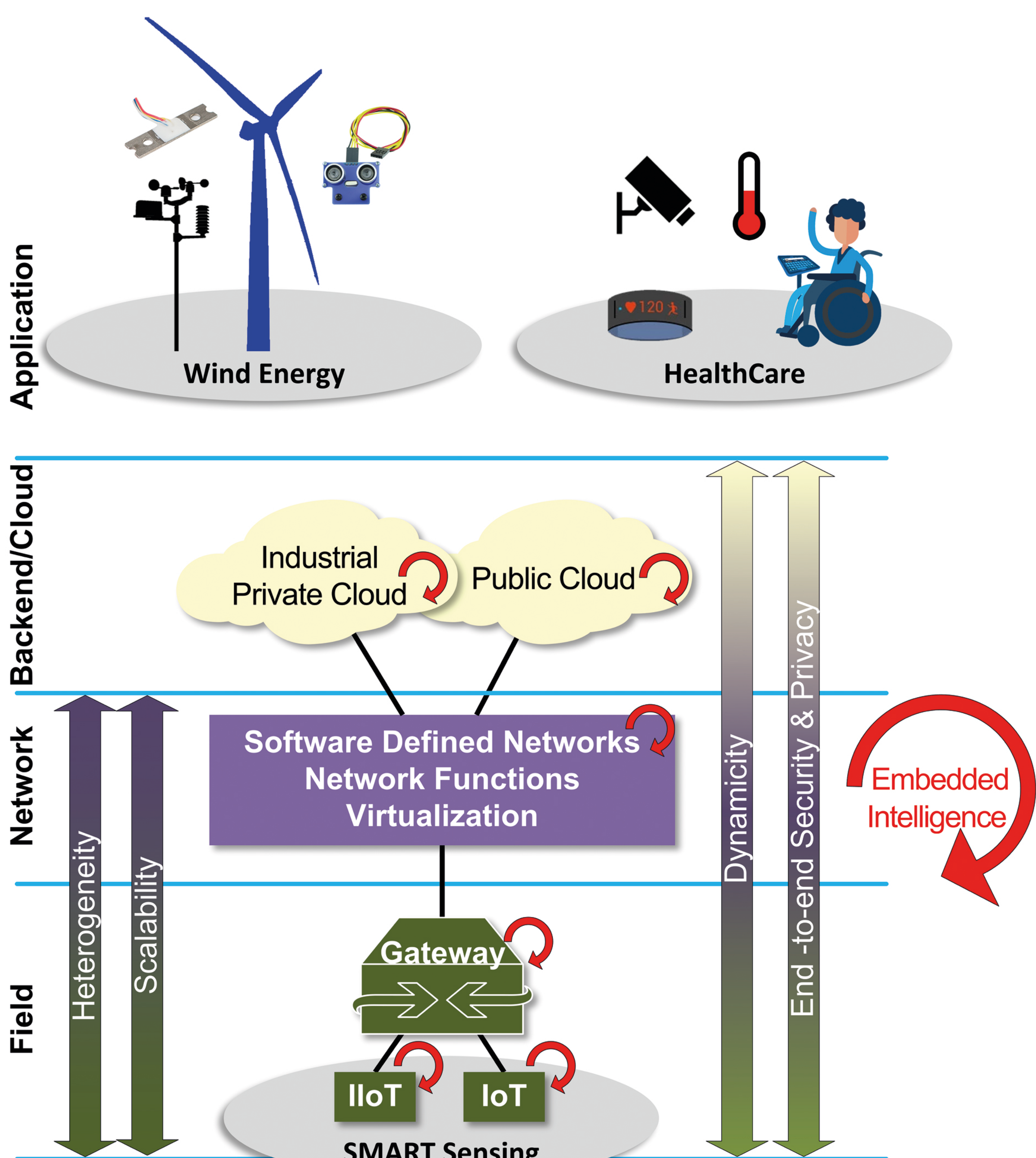
Smart End-to-end Massive IoT Interoperability, Connectivity and Security

Develop a pattern-driven framework, built upon existing IoT platforms, to enable and guarantee secure and dependable actuation and semi-autonomic behaviour in IoT/IIoT applications.

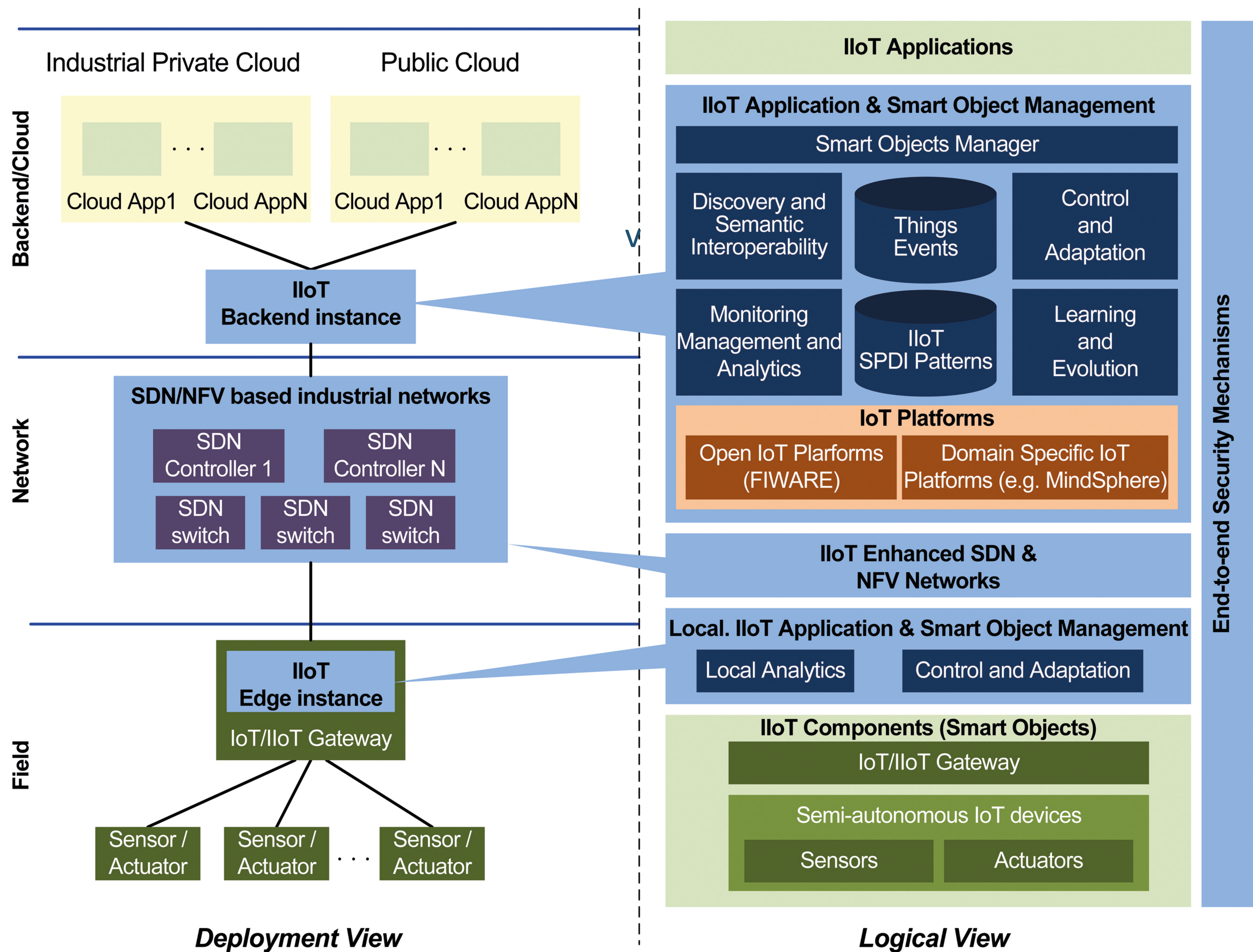


SEMIOTICS demonstrates following 3 use cases:

- **Wind Energy:** Local smart behaviour at IIoT devices in wind turbines.
- **Healthcare:** Socially assistive robotic solution for ambient assisted living.
- **Smart Sensing:** Intelligent heterogeneous embedded sensing.



Key IoT challenges driving SEMIoTICS



Envisioned architecture and deployment of SEMIoTICS framework