Global IoT Summit

Certifying GDPR and Data Protection Compliance of IoT

June 2022
Principles of GDPR
Viewed through an IoT lens

**Integrity and confidentiality**
Will IoT developer prioritise limited computing power for security purposes? *Connected cars*

**Storage limitation**
Will technical capabilities be built into storage systems?

**Accountability**
- Records, DPbDD & DPIA

**Lawful, fair and transparent**
How can informed consent be provided? Will legitimate interest adequately balance individuals and controllers rights? *Facebook glasses / connected cities / children’s data*

**Purpose limitation**
Inferential analytics can be used to provide profiles and reveal unforeseen correlations. Will individual controllers understand this? How will data consolidation be managed?

**Data minimisation**
IoT sometimes characterized as data maximalism or excessive just in case based collection. *PCI card data / Elderly care / Join with AI – one model to rule them all*

**Accuracy**
How to update data quickly when multiple people can use the same device?