

IoT Technology & Architecture Design Patterns and Mechanisms Mapping Reference Matrix

	Autonomous Controlling Device	Canonical Data Format	Device Workload Regulation	Firmware Integrity Attestation	Information Transduction and Encoding	Intermediary Controlling	Intermediary Metadata Provisioning	Message Bookkeeping	Minimalized Data	Multi-Gateway Intermediary Controlling	Multimode Communication	Network-Based Positioning	Non-Controlling Sensor Device	Observe Messaging	Radio Transport Encryption	Recipient Device Controlling	Reconnection Request Regulation	Transport Quality Traffic Profile
Actuator	X			X					X									
Device Shadow		X					X											
Gateway					X	X			X		X				X	X		
IoT Platform		X			X	X	X		X			X			X			
Modem	X				X				X	X	X	X			X	X	X	
Publish-Subscribe System	X				X				X			X	X					
Sensor	X			X	X				X			X						
Serialization Engine		X				X		X										
Trusted Platform Module (TPM)			X										X					

