

Data logging / monitoring plan

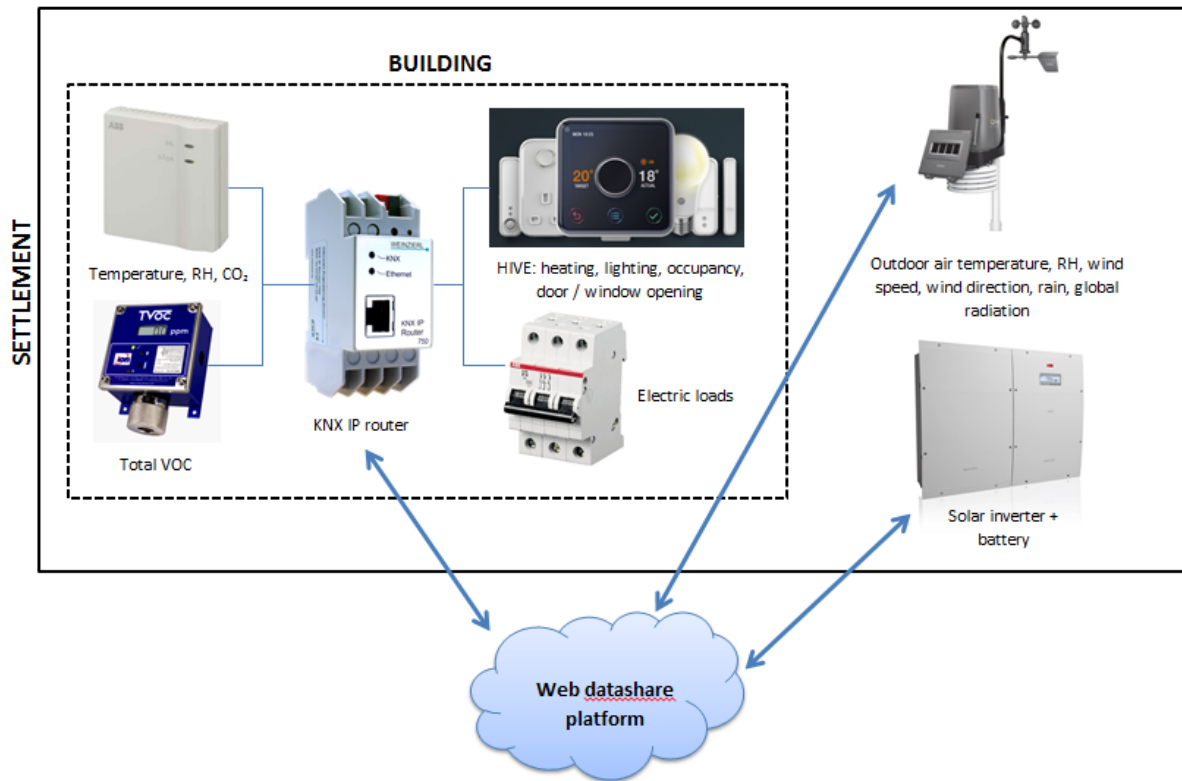


Figure – Sample connectivity plan between metering and web data sharing platform

Table – Interior environmental monitoring parameters and recommended specifications

Measurement name	Units	Range	Resolution	Accuracy (±)	Logger name	Location	ID number
Space temperature	°C	0 -40	0.1	0.5°C			
Space relative humidity	%	10-90	1	10.00%			
Space CO ₂ level	ppm	0-2000	20	40 ppm			
Measurement name	Units	Range	Resolution	Accuracy (±)	Logger name	Location	ID number
Space occupancy	0/1	0-1					
Space Illumination	Lux	0-500	0.2	0.5lux			
Air speed	m/s	0-10m/s	0.2	3%			



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Table – External environmental monitoring parameters and recommended specifications

Measurement name	Units	Range	Resolution	Accuracy (±)	Logger name	Location	ID number
Outdoor air temperature	°C	-40 - 64	0.1	1			
Relative humidity	%	1-100	1	4.00%			
Wind Speed	m/s	1-50	0.4	5.00%			
Wind direction	deg	0 – 360	1	3deg			
Rain	mm	0 -950	0.2	5.00%			
Global radiation	W/m ²	0-1800	50	10.00%			

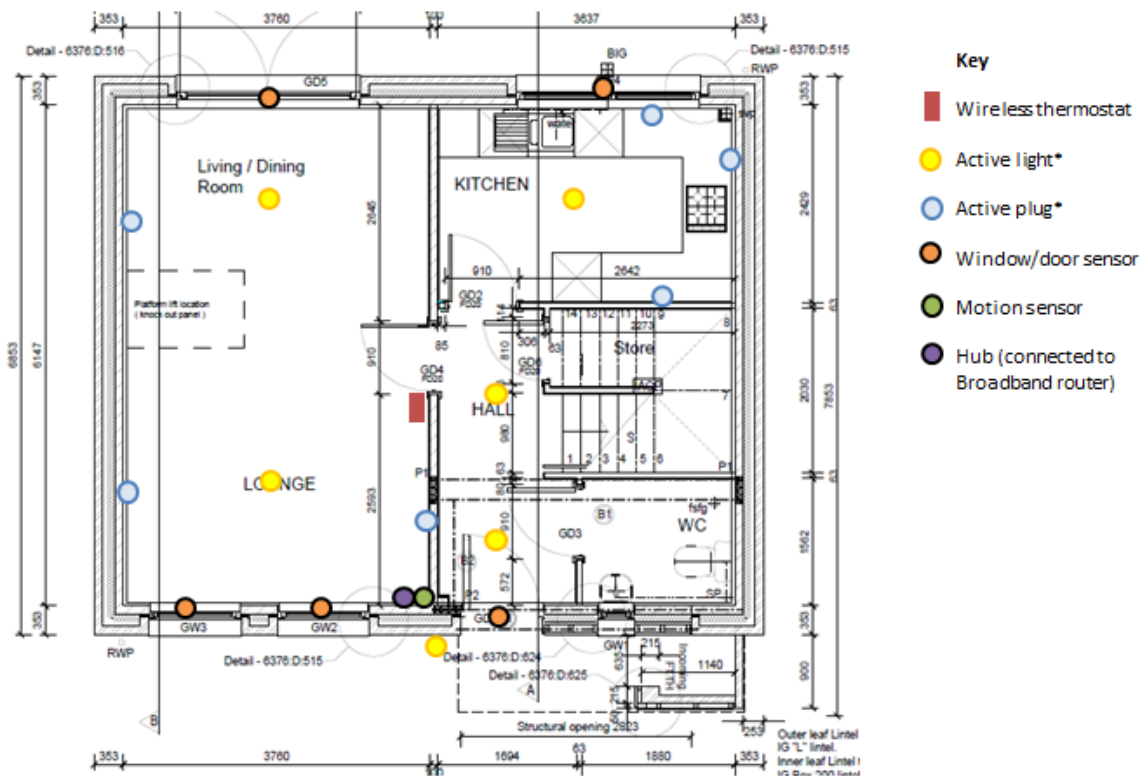


Figure – Label location of devices on plan for planning purposes and retrieval

