		Engineering Metrics											
Customer Needs	Customer Weight	Mass	Configurable by licensed electronic technician	Physical Dimensions	Regulated Transmit/ Receive Frequency	Number of available channels	Transmitter Power Output (TPO)	Data Rate	Range	Regulatory Agency Compliance	Bit Error Rate	Printed Manual	Meet Interface Specification
Modularity	3	3	3	1									9
Wireless	9				9	3	3	3	9	1	1		
Reliable Connection	9						9		3		9		
Addressability	9				9	9		9		9			
Configurable	3		9			3						1	
Ergonomics	1	3	3	9								1	
Lightweight	1	9		3									
Maintainable	3											9	
	Total Weight	21	39	15	162	117	108	108	108	90	90	31	27
	Relative Weight	2.29%	4.26%	1.64%	17.69%	12.77%	11.79%	11.79%	11.79%	9.83%	9.83%	3.38%	2.95%

Strongly Correlated	9
Correlated	3
Somewhat Correlated	1