

## Full Analytical Criteria Method Customer – Requirements Prioritization Matrices

**Customer-Customer weighting matrix**

Customer Prioritization	State of Dakota	Hardware Dev Div	Users	FCC	UCC	Row Total	Relative Decimal Value
State of Dakota		10	0.2	1	5	16.2	0.28
Hardware Dev Div	0.1		0.1	0.2	0.2	0.6	0.01
Users	5	10		0.2	5	20.2	0.34
FCC	1	5	5		5	16.0	0.27
Union of Conc Cit (UCC)	0.2	5	0.2	0.2		5.6	0.10
Grand Total						58.6	

**Requirement-Requirement weighting matrix**

Requirements Prioritization, State of Dakota View	Access	Speed	Reliability	Enviro-Friendly	Regulatory Compliant	Row Total	Relative Decimal Value
Access		5	1	0.2	0.2	6.4	0.14
Speed	0.2		0.2	0.2	0.2	0.8	0.02
Reliability	1	5		0.2	0.2	6.4	0.14
Environmental-Friendly	5	5	5		1	16.0	0.35
Regulatory Compliant	5	5	5	1		16.0	0.35
Grand Total						45.6	

**Requirement-Requirement weighting matrix**

Requirements Prioritization, Hardware Dev Div View	Access	Speed	Reliability	Enviro-Friendly	Regulatory Compliant	Row Total	Relative Decimal Value
Access		5	1	10	1	17.0	0.32
Speed	0.2		0.2	10	1	11.4	0.21
Reliability	1	5		10	1	17.0	0.32
Environmental-Friendly	0.1	0.1	0.1		0.2	0.5	0.01
Regulatory Compliant	1	1	1	5		8.0	0.15
Grand Total						53.9	

**Requirement-Requirement weighting matrix**

Requirements Prioritization, Users View	Access	Speed	Reliability	Enviro-Friendly	Regulatory Compliant	Row Total	Relative Decimal Value
Access		5	1	5	1	12.0	0.31
Speed	0.2		0.2	5	1	6.4	0.16
Reliability	1	5		5	1	12.0	0.31
Environmental-Friendly	0.2	0.2	0.2		0.2	0.8	0.02
Regulatory Compliant	1	1	1	5		8.0	0.20
Grand Total						39.2	

**Requirement-Requirement weighting matrix**

Requirements Prioritization, FCC View	Access	Speed	Reliability	Enviro-Friendly	Regulatory Compliant	Row Total	Relative Decimal Value
Access		1	1	1	0.1	3.1	0.06
Speed	1		1	1	0.1	3.1	0.06
Reliability	1	1		1	0.1	3.1	0.06
Environmental-Friendly	1	1	1		0.1	3.1	0.06
Regulatory Compliant	10	10	10	10		40.0	0.76
Grand Total						52.4	

**Requirement-Requirement weighting matrix**

Requirements Prioritization, UCC View	Access	Speed	Reliability	Enviro-Friendly	Regulatory Compliant	Row Total	Relative Decimal Value
Access		1	1	0.1	0.2	2.3	0.04
Speed	1		1	0.1	0.2	2.3	0.04
Reliability	1	1		0.1	0.2	2.3	0.04
Environmental-Friendly	10	10	10		5	35.0	0.61
Regulatory Compliant	5	5	5	0.2		15.2	0.27
Grand Total						57.1	