

<b>Full Featured Option</b>	<b>Detailed Summary</b>			
<b>Calculated Cost Averages</b>				<b>Comments</b>
per OSP upgrade	\$13,849.43			SM fiber to MDF
per cable rewire	\$274.95			includes closet hardware/cabling/faceplate & jack
per 2950 TX port	\$99.05			includes uplink costs
	<b>Storrs &amp; Depot</b>	<b>Regional Sites</b>		
Total # of current data jacks	46106	6656		
Estimate # of current voice jacks	17520	2529		based on a voice to data ratio of 38%
Total # of projected data jacks	53960	8568		based on 10-50% growth in admin & 10% growth in residential
Total # of projected voice jacks	20504	3255		
Projected data jack growth total	7854	1912		to meet current UITS standards
Projected voice jack growth total	2984	726		to meet current UITS standards
Data jacks to be upgraded/new	37770	7080		based on projected totals minus existing compliant cabling
Voice jacks to be upgraded/new	14352	2689		based on projected totals minus existing compliant cabling
Data ports to be upgraded/new	31970	5368		based on projected totals minus existing equipment
Total # of buildings to be upgraded to SM (OSP)	89	10		
<b>Equipment Costs</b>				
Edge port upgrades	\$3,166,510.45	\$531,680.58		
Core & distribution upgrades	\$1,765,400.00	\$474,600.00		c6500s, c3350, GBICs and fiber (Redundancy, NAM, FW, SupIII)
Internet/CEN/Network Management & tools	\$500,000.00	n/a		
Environmentals (UPSs & RPSs)	\$400,000.00	\$100,000.00		for core, distribution and aggregate sites only
<b>Wireless Technology Costs</b>				
Design & equipment	\$700,000.00	\$150,000.00		based on coverage for general/common areas (inside & outside)
Installation & mounting	\$700,000.00	\$150,000.00		based on \$1000/access point and \$1000/ap for jack, mounting and installation
<b>Building Infrastructure Costs</b>				
Wiring & ISP upgrades	\$14,330,714.07	\$2,685,943.47		
OSP/fiber upgrades	\$1,232,599.12	\$138,494.28		
Closet Construction	\$4,620,000.00	\$560,000.00		based on \$20,000 per closet
<b>Storrs Campus Infrastructure Costs</b>				
Tunnel tie-in for core sites	\$1,500,000.00	n/a		HBL, MSB, New Chem & Gampel connectivity into main utility tunnel system
Fiber additions between core/distribution sites	\$1,000,000.00	n/a		
<b>External Services Costs</b>				
Design Consulting	\$2,700,000.00	\$330,000.00		based on \$15,000 per building (where needed)
Project Management	\$1,350,000.00	\$165,000.00		based on \$7,500 per building (where needed)
<b>Sub-totals</b>	<b>\$33,965,223.64</b>	<b>\$5,285,718.34</b>		
<b>GRAND TOTAL</b>	<b>\$39,250,941.98</b>			