

Internet Traffic and Bandwidth Estimate							8/9/2016		
			Hours in Business Day			16			
Source of Data	Purpose	Destination	Size(in bytes)	Freq Per Hour	Bytes per Hour	Per Day to Server	Other Data Sources	Notes	
location terminal	location login	draw server	100	0		1			
location terminal	player picks	draw server	200	10	2,000	32,000			
draw server	sequence #/draws	location terminal	1,000	10	10,000	100,000			
location terminal	draw request	draw server	200	12	2,400	28,800			
draw server	latest draws	location terminal	1,500	12	18,000	216,000			
location terminal	wins request	draw server	200	12	2,400	28,800			
draw server	win list	location terminal	2,000	12	24,000	288,000			
location terminal	advertising request	ad server	200	120	24,000		2,880,000	30 sec interval	
ad server	advertisement image	location terminal	42,000	120	5,040,000		604,800,000	data from ad server	
smartphone	draw request	draw server	200	5	1,000	5,000			
draw server	latest draws	smartphone	1,500	5	7,500	37,500			
		Data to/from our sever				736,101	22	megabytes per month	
		Data to/from our sever w/20% encryption overhead				920,126	28	megabytes per month	
		Data to/from other locations				607,680,000	18	gigabytes per month	
	One Location	Total Internet traffic/bandwidth					46	gigabytes per month	
	Many Locations	To/From our server for		100	locations	92,012,625	2,760	megabytes per month	
administrator	admin login	draw server	100	0	-	300			
administrator	setup	draw server	100	0	-	200			
administrator	analytics request	draw server	100	0	-	10,000			
draw server	analytics	adminstrator	10,000	0	-	10,000			
		Total Adminstrative Traffic				20,500	1	gigabytes per month	
Note: Data to/from our server will have a direct impact on the cost of a third party based server such as Amazon EC2 since									
fees are related to the amount of data transferred per month from the third party server.									