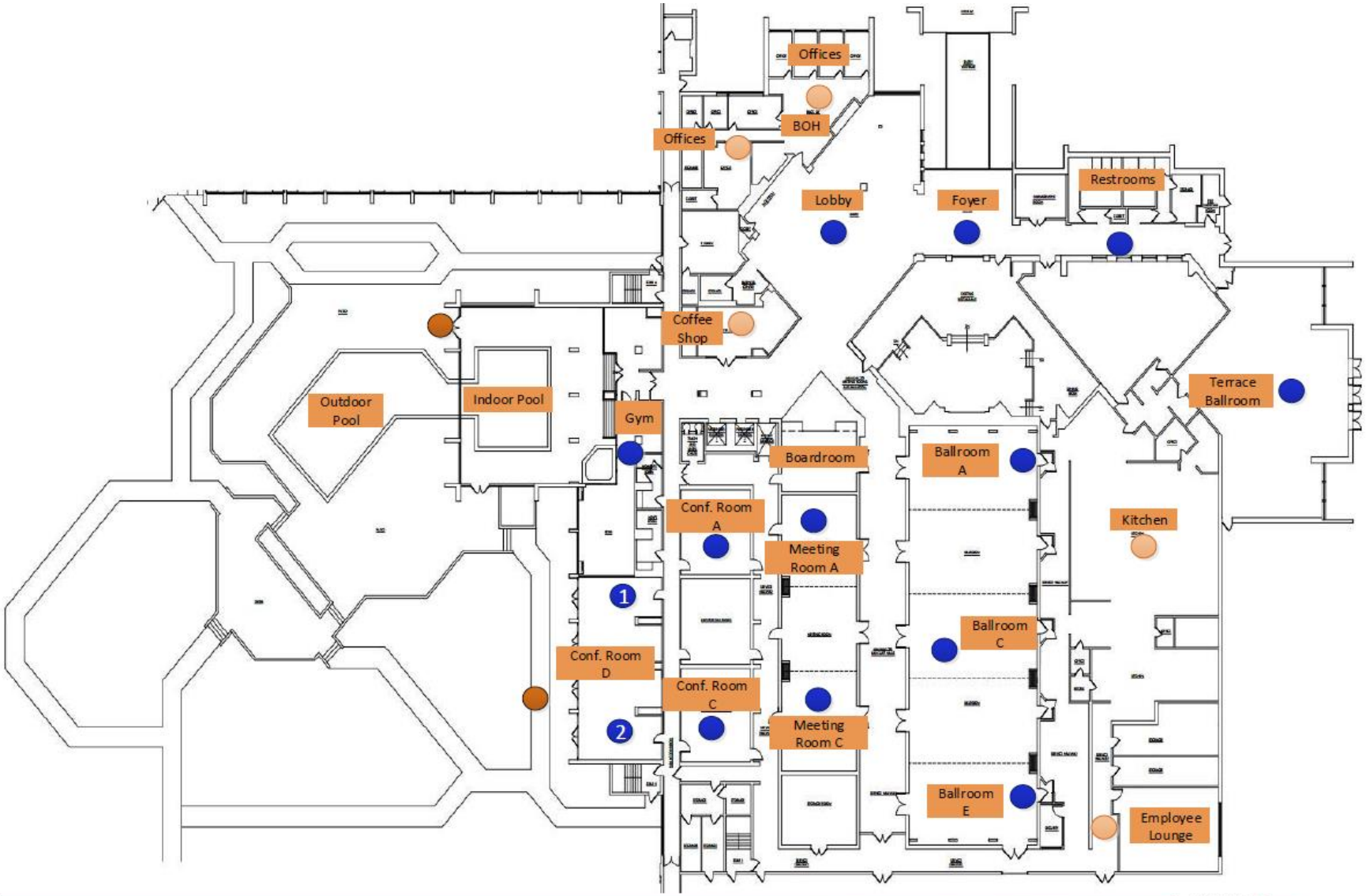
HOTEL
SOMERSET BRIDGEWATER

110 DAVIDSON AVE.
SOMERSET, NEW JERSEY 08873
732-560-0500
WWW.HOTELSOMERSETBR.COM



SAFETY NETACCESS
INTEGRITY FIRST

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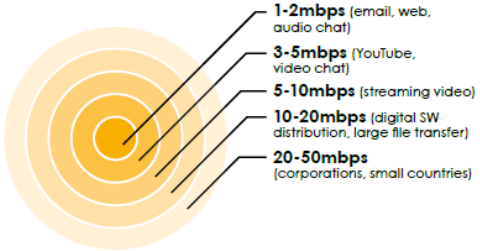
- Internet Customer Service available 24/7
- 15 Ruckus R710 Access Points located in the Function Areas.
- Hotel has 500 Mbps of total available bandwidth. 150 Mbps can be dedicated per Group/Event.
- Wi-Fi and Wired Connections are available in all function spaces
- Wired internet is available in 130 guest rooms/Wi-Fi in all guestrooms
- Hotel Network is firewalled. Function Spaces have separate configurable WatchGuard T-70 Hardware Firewalls available.
- Personalized Meeting Access Point Logins and Passwords are available upon request
- Contention Rate 5Mbps. Logins are roving so no "stickey points'
- Specific IT requirements can be customized for your meeting

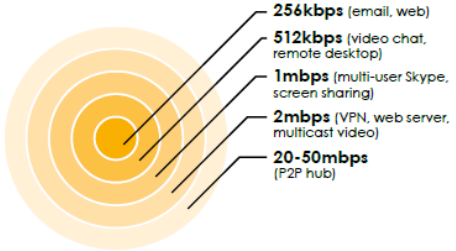
How Do I Estimate the Bandwidth I Require?

Sometimes, we do not have prior data and information to hand to help answer this question and we need to calculate the minimum levels in advance. As an indication, the two tables overleaf will guide you through the proc to estimate bandwidth by activity:

Typical Download Bandwidth



Typical Upload Bandwidth



Bandwidth Requirements by Activity

User Group	Activity	Bandwidth Needed	Wired-Wireless	Considerations
Attendees	Email/web browsing	Low	Wireless	
Attendees	Social media / Skype	Low - Medium	Wireless	
Attendees	Mobile event app	Low – Medium	Wireless	Medium bandwidth suggested if event app includesvideo or a lot of content/picture uploads. Web apps generally require connectivity all the time to function. Native apps download and store content and refresh when connectivity is restored
Attendees	Web based training	Medium	Wired / Wireless	Discuss the capacity of the website you are using with the provider of that website
Attendees	Video to attendee devices / second screen	High	Wireless	
Attendees	Audience response / real time interaction	Low	Wireless	Ease of login is critical. Consider an open network and making everyone login at registration
Attendees	Large file transfers	Medium – High	Wired / Wireless	
Attendees	VPN	Low - High	Wired / Wireless	Bandwidth needs vary and can be high if large downloads
Attendees	Printing	Low	Wired / Wireless	Make sure wireless to wired printing works
Presenters	HD Video Teleconferencing	4Mb/s	Wired	The quality of the Internet connection at the remote end is just as important in order to achieve high quality video. Check if your video conferencing provider if you need a static IP. Upload dependent
Presenters	Cloud based presentations / Web casting / streaming (to offsite)	3Mb/s	Wired	Dependent upon how many simultaneous streams are being sent from the venue. Consider the remote audience and their Internet availability. Upload dependent
Presenters	Screen mirroring from a tablet	1Mb/s	Wired & Wireless	Network service discovery protocols such as Bonjour. services must be enabled on the network
Exhibits	Attendee Wi-Fi in the exhibit hall	See attendee section	Wireless	Interference on exhibit floors can be severe.....