

Fort Lauderdale welcomes new 802.11ac Wireless Network



CCLD Networks and the Greater Fort Lauderdale / Broward County Convention Center (BCCC) have just completed a wireless network upgrade in May 2015. These upgrades will provide greater coverage for all BCCC's attendees and allow for greater connection speeds as the new equipment is 802.11ac compliant. The BCCC will be **one of 3 convention centers to offer** this new 802.11ac wireless protocol utilizing this cutting-edge CCLD proprietary hybrid wireless system. As well as providing service in this new protocol, CCLD Networks has conquered the inherit problem of providing wireless service within the 2.4GHz wireless spectrum and below is a brief synopsis.



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The greatest challenges in providing wireless service are the density of devices and the different wireless frequencies (2.4GHz & 5GHz). Before our hybrid wireless system network upgrades, providing service in the 2.4GHz frequency range was extremely difficult as this range only has three available wireless channels. As these three channels become saturated, attendees can no longer connect to the wireless network. CCLD Networks identified this problem early on in high density events and set out to find a solution. After much trial and error, we

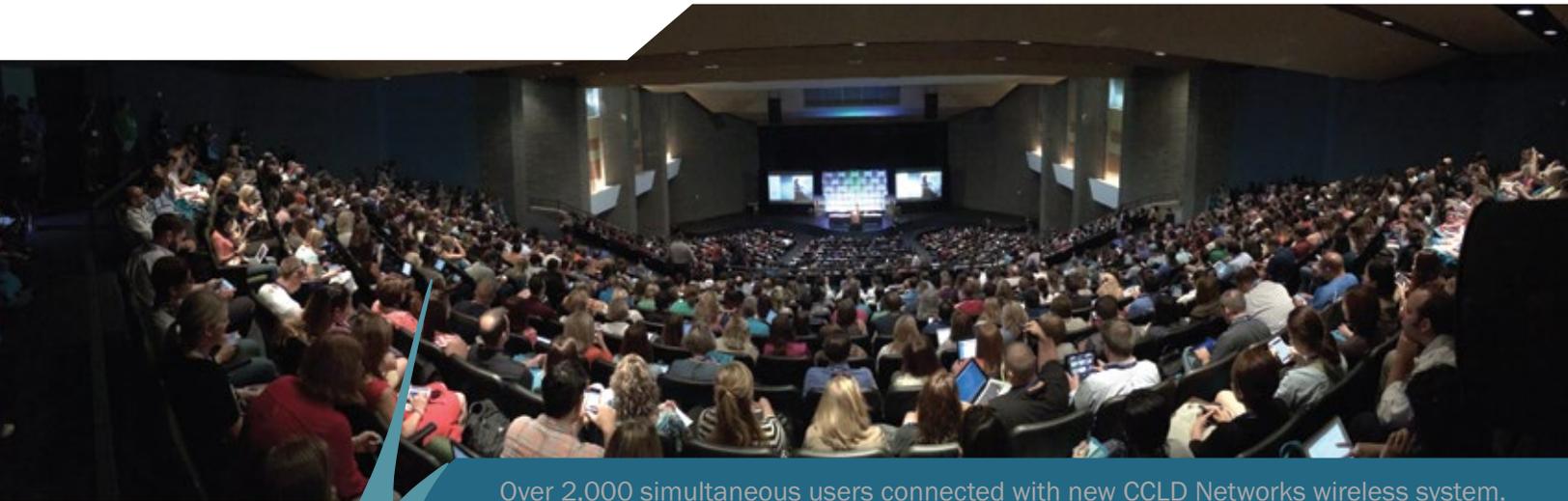
“ We are extremely excited to have our new hybrid wireless system installed in Fort Lauderdale. We have experience providing Wi-Fi to several hundred to many thousand users in dense environments. The BCCC and each client will benefit from this upgrade for many years to come. ”

– Thomas Lloyd,
Operations Director with CCLD Networks.

collaborated with a major manufacturer of wireless access points that are then configured with a proprietary CCLD software solution that provides service in the 2.4GHz range without issue even in a crowded trade show environment. The initial channel distribution and installation were major factors that have been accurately addressed and we have the experience and expertise to virtually eliminate the 2.4GHz problem. The 5GHz spectrum is not as difficult a challenge to provide service as this frequency range has 23 available wireless channels. Other wireless equipment can sufficiently manage the 5GHz traffic but we have experienced and seen issues that are present within the 2.4GHz range with other wireless vendors.

802.11 ac

Wireless connectivity is an integral piece of each event that comes to the BCCC and will grow exponentially in the future as it is estimated that over 40 billion wireless devices will be in use by 2020. CCLD Networks has the expertise to provide superior wireless connectivity as we have used this same Wi-Fi system at our facilities with unparalleled success.



Over 2,000 simultaneous users connected with new CCLD Networks wireless system.

About Broward County Convention Center

The 600,000-square-foot, SMG-managed Greater Fort Lauderdale / Broward County Convention Center is proud to be the convention center that meeting planners love! Hosting more than 6,000 events since opening its doors in 1991, this Convention Center consistently exceeds guest and meeting planner expectations for five-star food service, state-of-the-art technology, and outstanding service in a modern, eco-friendly facility in a spectacular location just five minutes from Fort Lauderdale/Hollywood International Airport.



About CCLD Networks

CCLD Networks is a technology service provider, specializing in the convention and hospitality market segments. As the exclusive telecommunications and Internet service provider for the Georgia World Congress Center, the Georgia Dome, Centennial Olympic Park, the Broward County Convention Center, the LeConte Center at Pigeon Forge and the Savannah International Trade and Convention Center, CCLD Networks has served thousands of conventions, trade shows, and professional and amateur sporting events since 1994.

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for additional information on a
wireless solution for your facility.