CAARENensemble uses the Capital Area Advanced Research and Education Network (CAAREN) to provide schools with network, video technology and Internet infrastructure needed to access and participate in connected performances across the region in real-time.

Through a partnership with Amadeus Concerts, local K-20 Music & Arts programs and professional organizations supporting Arts in the Schools Initiatives, CAARENensemble provides access to professional instruction and real-time student participation in concerts performed at multiple locations simultaneously.

With the help of low-Latency (LOLA) Audio-Visual technology, CAARENensemble allows students and professionals to play together, even though each group is performing at several different locations. LOLA Audio-Visual technology will run on CAAREN to remove the delay, allowing for seamless participation in distributed performances.