Dukane’s District-Wide Server is a communications node that interfaces with a facility’s LAN/WAN to communicate with CH1000 and Symbiont™ systems installed in schools throughout a district. The District Server, along with Dukane Alerts, allows users to initiate pre-recorded alert messages or a page/emergency page and have it broadcast to any or all of the schools in a district. With a simple click of the mouse a user can broadcast announcements to a single school, a zone of schools, or all of the schools in a district. Additionally, there is no need to install expensive school communication hardware at a district office. Other district solutions simply provide a live VoIP link to the school’s local communication system without regard to voice intelligibility that can be degraded by bandwidth restrictions and network latency. Furthermore, the user has no ability to confirm the status of the local system or have any confirmation that the message was delivered.

Dukane’s District-Wide Communications Solution supervises all of the CH1000/Symbiont™ systems within a district and alerts users to network failures via email and visual cues. By using graphical icons representing a school, a user can see if a school system is active with connectivity at a glance. Live pages/emergency pages are broadcast in a store-and-forward process. The user initiates the appropriate function, chooses the location(s) they want to broadcast to, and then they speak. Once they are done speaking the page is sent to the schools selected and broadcast. The local systems then report back that the message was broadcast. This information along with a recording of the page is kept in a log that can be accessed by district personnel at a later date. If a high priority event is currently underway at a school the district page will be parked until the local event is completed, at which time the district page will be broadcast. This ensures that an emergency page that is initiated at the school level is not overrun by a non-emergency page/message from the district level.