

# Rivercrest School District Wireless Security Policy

## November 2, 2017

In alignment with the Arkansas Department of Education's IT Security Policy (ITSP-1), and DIS Wireless security best practice (BP-70-010) the Rivercrest School District follows the recommended best practices relating to wireless connectivity and security:

- Rivercrest School District's wireless devices are protected by the district's firewall and are filtered for content using the district's web content filter.
- Rivercrest School District is not entirely dependent on wireless technology for connectivity.
- Rivercrest School District does not use the default WAP (wireless application protocol) configuration parameters (Service Set Identifier (SSID), keys, passwords, channels, etc. from the wireless access equipment manufacturer. SSIDs and passwords are created so as to not be descriptive as to district name, location, or any district systems.
- Rivercrest School District places wireless access points strategically to maximize coverage area but also ensures that wireless signals are not intercepted by unauthorized users. Although access points are visible in classrooms and common areas, all access to wireless connectivity is password protected.
- Rivercrest School District uses the maximum key length for wireless access protection and will continue to review this process as newer technology is available.
- Rivercrest School District restricts wireless connectivity to only identified, expected, listed, and known Message Authentication Code (MAC) addresses.
- Rivercrest High School and Jr. High only uses one "public" guest SSID, and the authentication method is sent to each device separately and record is kept of method used to get access such as a valid email address or phone number to ensure security. Rivercrest Elementary only uses one "public" guest SSID, and the password is changed every 30 days.
- Rivercrest School District stays up to date with the wireless access manufacturer's software and firmware updates in order to keep secure.
- Rivercrest reviews the wireless network periodically to ensure that there are no rogue devices.
- Rivercrest School District is located in a very rural area with no residential or businesses located within a 2 mile radius. Due to our geographic location, we do not overlap frequencies with any other wireless neighbor.