

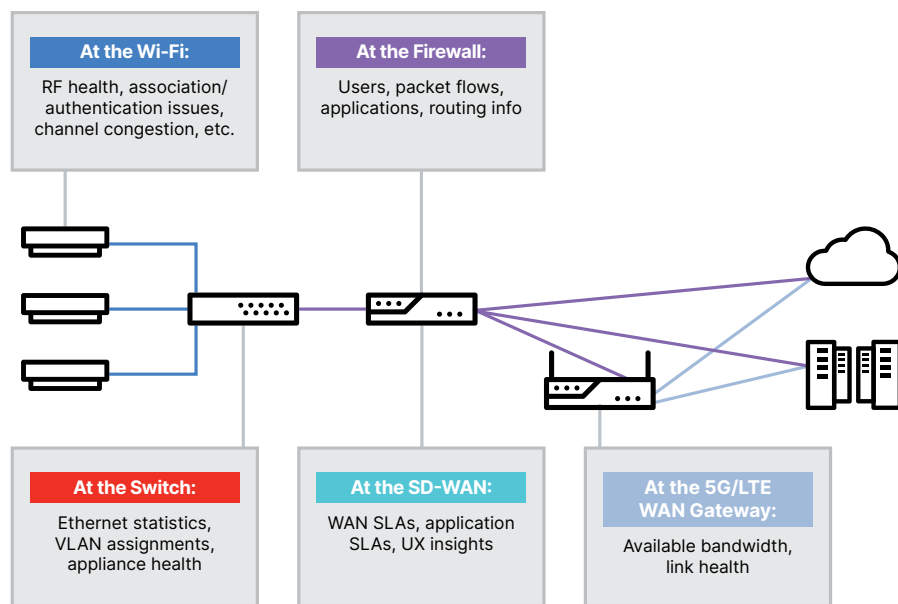
POINT OF VIEW

The Key to Effective AIOps Is Comprehensive Data Collection



Solutions for automated network operations that use artificial intelligence with machine learning are only as reliable as the data they take in. The more the system knows about your network, the devices on it, and what they're doing, the better the recommendations and automated actions will be.

Ideally a system will take information from all layers in the network: from the LAN edge where devices are connecting (Wi-Fi or Ethernet) all the way to the WAN connection where data leaves the network. Each level of the network has its own set of information to provide, as seen in the diagram below.



When evaluating AIOps systems from networking vendors, look for systems that can take in information from all network sources: Wi-Fi, Ethernet, firewalls, SD-WAN, and 5G/LTE WAN gateways to ensure the best recommendations and the best network experience for network users.