

Review - 1 Report

If the edge layer does all the processing, why do we still need the cloud layer? Will the system work without the cloud?

Edge gives coarse location but not very precise. If we need accurate location, then cloud is required since it does heavy computation. Sometimes coarse location is enough, but in many cases accurate results are also needed. In remote areas, edge works without internet connection using bluetooth. If the cloud connection is lost, processing will still continue locally(in edge). Once the connection comes back, the saved data is sent to the cloud. So, edge keeps everything running without break, while cloud provides accurate results, heavy processing, long-term storage, learning, and overall control.