

Review - 2 Report

Why this is an Edge problem ?

This is an edge computing problem because data from sensors or gateways needs to be processed locally in real time. Edge devices can run algorithms like Kalman filters to smooth noisy measurements and estimate coarse locations immediately, without waiting for cloud responses. This ensures low-latency decision-making and reduces the amount of raw data sent to the cloud.

Why not just use a local server here? Why send to the cloud?

Maintaining a local server adds cost and complexity, So sending data to the cloud is preferred for scalability and centralized storage. Processing at the edge (like filtering or coarse localization) reduces the data sent, ensures real-time response and minimizes cloud load. Adding more edge gateways allows the system to scale efficiently and handle increased data from more devices.