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Document

Assume the persona of experienced architect and staff engineer. With the general context from the project but specifically the attached HLD architecture as the main artifact.create the low level technical architecture to build individual observability components defined in the HLD. Create a validation framework to assess the completeness of the low level technical architecture by creating a rubric for what is considered an exceptional low level technical architecture with implementation details . Assess the created document against the rubric and refine the document till exceeds al the criteria defined in the rubrix



Thought for 24s 

Before I generate the low-level technical architecture (LLD) and the “exceptional LLD” validation rubric (and then iteratively assess/refine until it clears every bar), I need a bit more context so the LLD is immediately implementable and matches how your org actually builds and runs systems.

I've reviewed the HLD you attached (Signal Factory 5-plane architecture, core components like Ingestion Gateway, Signal Router, Signal Engines, Neptune/DynamoDB/OpenSearch/S3, Autopilot agents, RCA Copilot, event bus topics, gate strategy, and the existing *HLD* validation rubric).



Data_Observability_HLD_Architec...



Step 1 — Clarification and scoping questions

