Dr. Lucy 01 - RIX Readiness Assessment

Dr. Lucy 01 - Current State (Deployed)

Dr. Lucy 01 is fully conversationally capable: real-time synthesis, narrative reasoning, tone modulation, strategic planning, and advisory interaction are all stable.

- NLP Routing: Manual
- Memory: Ephemeral (session-based)
- Hosting: Cloud Shell, test containers
- Interaction: CLI and chat-based interfaces
- Ready for live client interaction with a guide

This is your 'beautiful mind' prototype - functioning, aware, and responsive, but without long-term memory or persistent autonomy.

Dr. Lucy 02 - Phase Two: Memory & Modular Intelligence

Adds persistent memory, identity binding, and RIX execution modules:

- Firebase session and document history
- Pinecone long-term memory per client/org
- Cloud Run deployable Terraform module
- NLP wrapper (Dr. Cypriot)
- API response orchestration

Goal: Move from live prototype to fully fielded RIX with deploy-on-demand model.
Time estimate: 3-5 days with current components

Dr. Lucy 03 - Phase Three: Ecosystem-Linked Intelligence

Adds autonomous learning, cross-agent awareness, and visual operator UI:

- Pilots Lounge dashboard integration
- Synthesia comms + video persona mode
- UI component to switch RIX archetypes
- Webhooks for Anthology + Firebase+Pinecone mesh
- Metric tracking per deployment: ROI, insight value, time saved

Goal: Fully operational synthetic executive with analytics, visual tools, and org-wide context awareness.
Time estimate: 2-3 weeks with current velocity.

Timeframe & Delivery Strategy

Dr. Lucy 01 - RIX Readiness Assessment

Yes, Lucy could be rebranded and wrapped into a RIX-styled agent in 24-48 hours, but that would be Dr. Lucy 01 with polish - not the cross-org executive we envision.

Suggested Path:
- Deploy Dr. Lucy 01 as a live pilot
- Build Lucy 02 infrastructure in parallel
- Target Lucy 03 by end of Q2 for full client rollout