

# ArchitectureRoadmap.md

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## Phase 1: Foundation & Refactoring (Completed)

- Component Modernization:** Refactored core utility scripts.
- Logging Standardization:** Implemented unified logging across all modules.

## Phase 2: Workflow & Guidance Hardening (Completed)

- Protocol Definition:** Codified "Disconnected State Machine" in `AIAGentWorkflow.md`.
- User Manual:** Created `AIAGentUsersGuide.md` with "Air Gap" instructions.
- Input Standardization:** Defined "The Trinity" (Source + Plan + Workflow).

## Phase 3: Text Report Standardization (Active/Next)

- Library Migration:** Migrate `text_rate_sheet.py` to use `prettytable` (Protocol 5.4).
- Library Migration:** Migrate `text_summary.py` to use `prettytable`.
- Visual Compliance:** Enforce "Two-Line Title" and "Left-Anchor" standards.
- Ad-hoc Report Cleanup:** Audit and update legacy text reports in `contest_tools/reports/`.

## Phase 4: Advanced Analytics (Planned)

- Rate Analysis:** Implement sliding window rate calculations.
- Zone Analysis:** Create zone-to-zone propagation reports.