# Meridian Operator Handbook v1.0

**Introduction**

The Meridian Operator Handbook provides comprehensive instructions for using the full quant research and paper-trading platform. This includes research mode, backtesting, tuning, dashboard operation, oversight workflows, replay mode and paper trading cycles.

**System Overview**

Meridian v2.1.2 is a multi-layered quant ecosystem. It includes:

- Multi-factor trading engines (FLD, COT, TDOM).

- A unified strategy pipeline.

- A full backtester.

- A parameter sweep optimizer.

- A replay engine.

- A multi-strategy dashboard with oversight AI.

This ensures an institutional-grade workflow.

**Daily Workflow**

1. Start Dashboard v2.

2. Review strategy health, drift and approvals.

3. Run Replay Engine for previous day.

4. Check Backtest Notebook if regime shifts detected.

5. Approve or reject today's paper-trades.

6. Update backlog for new tasks.

**Research Workflow**

1. Use Unified Backtest Notebook to run simulations.

2. Run Sweep Engine to find optimal parameters.

3. Compare strategies in Dashboard v2.

4. Understand behaviour using Replay Engine.

5. Save results to outputs folder.

**Paper Trading Workflow**

1. Start Paper Engine.

2. Dashboard receives signals.

3. Operator approves trades.

4. System logs fills, PnL, drift and oversight flags.

5. Replay Engine can reconstruct behaviour for any day.