**Enterprise Outcomes & Scorecard**

September 16, 2025

# Executive Highlights (Quantified)

* ~50,000 API calls/month eliminated.
* Ingestion: 32 min → ~2–3 min (≈92% reduction, ~13× faster).
* CPM API latency: 9s → ~600 ms (≈93% reduction, 15× faster).
* Cost: >$1,000/year saved (redundant jobs); ~$2,000/year potential (Kafka decommission).
* Monitoring: 1 CMT production dashboard live.

# Flagship, High-Effort Deliverables

* RPT Rule Engine: 1 production-ready PoC (row/year evaluation, robust else handling, execution + error logging).
* RPT Excel→Cloud Migration: Reverse-engineered complex Excel formulas (IF/IFERROR, AND/OR, comparisons, ISBLANK, INDEX/MATCH, VLOOKUP) to JSON/Python rules, with a validation harness vs Excel.
* ASOT PoC: 1 PoC delivered with stakeholder demos and decision notes.
* P&L Microproduct PoC: 1 PoC adopted for data correction, new variables, and enhanced dashboards.
* Camunda Redesign: 1 workflow redesign shipped (simpler paths, clearer ownership, maintainability).
* Cosmos DB Collection Redesign: 1 schema redesign (supports grouped outputs & wide UI reads).

# Area-wise Scorecard (Measurable)

## Cloud Migration & Modernization

* RPT: Excel → Cloud (High-effort): PoCs ≥3; 1 production-ready Rule-Engine PoC ✅; Formula families mapped ≥6; Assets: rules catalog, mapping guide, validation harness; Outcome: Business agreement executed to shift PETL ↔ RRF → PETL ↔ RPT ✅.
* RRF on-prem → Azure: In progress (workstream active).
* CMT monitoring: 1 prod dashboard live.
* VM decommission readiness: Enabled by new target architecture (planned).

## AI / LLM & Automation

* LLM aggregation & rules engine (RPT): ≥3 options evaluated → finalized; 1 prod-ready PoC ✅.
* RRF AI architecture: Designed; implementation path identified.

## Microproduct PoCs (Explicit)

* P&L Microproduct: 1 PoC adopted (data correction, new variables, enhanced dashboards).
* ASOT: 1 PoC delivered (high-effort validation with stakeholder demos and decision notes).
* RPT Rule Engine: 1 production-ready PoC (row/year evaluation, robust else handling, logging).

## Workflow & Orchestration

* Camunda: 1 redesign delivered (reduced hops, clearer ownership, fewer retries).
* SFGO: 1 PoC + production integration ✅.
* CPM: PoC + demos delivered; business approval ✅.

## Data Architecture & Stores

* Cosmos DB: 1 collection redesign aligned to grouped outputs & wide reads (UI-friendly).
* Kafka audit: 1 decommission plan (potential ~$2,000/year savings).

## Performance & Scalability

* Ingestion: 32 min → ~2–3 min (≈92% faster, ~13×).
* CPM API: 9s → ~600 ms (≈93% faster, 15×).
* API volume: ~50k/month eliminated via re-architecture.

## Cost Optimization

* Redundant jobs: >$1,000/year saved (realized).
* Kafka decommission: ~$2,000/year potential (identified).
* Further savings: VM decommission enabled by new design (planned).

## Security & Compliance

* Security & compliance built into standards; modular patterns adopted across new designs.

## Monitoring, Docs & Communication

* CMT production dashboard: live.
* Pulse microsite: 1 site for decisions/patterns/visibility.
* Architecture decisions: Documented & shared.

## Operations & Supportability

* Production support: provided; ≥1 enhancement proposal submitted.
* Support load reduction: new architecture designed to lower ticket dependency.

## Collaboration, Leadership & Recognition

* Alignment: Engineering + Business + Data aligned on Excel→Cloud plan & target architecture.
* Recognition: Appreciations from Drew and Diane.
* Problem-solving: Migration/integration/automation issues resolved pre-impact.

# One-Glance Table

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| Area | Deliverable | Metric / Status |
| Cloud Migration | RPT Excel→Cloud (rules, mapping, validation) | ≥3 PoCs, 1 prod-ready PoC, 1 catalog, 1 guide, 1 harness |
| Cloud Migration | RRF → Azure | In progress |
| AI/LLM | LLM agg + rules engine (RPT) | Finalized, 1 prod-ready PoC |
| Microproduct | P&L Microproduct PoC | 1 PoC adopted |
| Microproduct | ASOT PoC | 1 PoC delivered (high-effort) |
| Microproduct | RPT Rule Engine PoC | 1 PoC production-ready |
| Orchestration | Camunda redesign | 1 redesign shipped |
| Data Stores | Cosmos collection redesign | 1 redesign (grouped outputs, wide reads) |
| Performance | Ingestion | 32 → ~2–3 min (≈92%, ~13×) |
| Performance | CPM API | 9s → ~600 ms (≈93%, 15×) |
| Cost | Redundant jobs removed | >$1,000/year saved |
| Cost | Kafka decommission | ~$2,000/year potential |
| Monitoring | CMT dashboard | 1 live |
| Integration | PETL flow shift | RRF → RPT agreement executed |
| Documentation | Pulse microsite | 1 site live |
| Stakeholders | Approvals/thanks | CPM approved, kudos: Drew, Diane |