

STATEMENT OF WORK

Project Meridian Ledger Migration

Nexa Corporation & Synapse Systems Group

1 Project Overview

This Statement of Work (“SOW”) is entered into by and between **Nexa Corporation** (“Client”) and **Synapse Systems Group** (“Service Provider”), effective as of August 15, 2026. This document defines the professional services, engineering deliverables, and project governance framework for the ledger consolidation initiative.

Document Metadata			
Client:	Nexa Corporation	Effective Date:	August 15, 2026
Service Provider:	Synapse Systems Group	Completion Date:	December 18, 2026
Project Name:	Project Meridian Ledger Migration	SOW Version:	1.0
Client Sponsor:	Sarah Vance (VP Finance)	Provider Lead:	John Miller (Delivery Partner)

1.1 Background and Purpose

Nexa Corporation is transitioning its legacy multi-currency financial ledger systems to a consolidated cloud-native infrastructure hosted on **Nimbus Infrastructure**. Synapse Systems Group will provide professional consulting, engineering, and data migration services to facilitate this ledger consolidation. The ultimate goal is to establish a unified, secure, real-time transaction store compliant with international regulatory auditing standards like Sarbanes-Oxley (SOX) Section 404 [3].

1.2 Project Objectives

The collaboration aims to achieve the following operational and technical milestones:

- Consolidation:** Unify regional transaction data structures from four distinct databases into a single cloud database schema.
- Synchronization:** Establish real-time data ingestion pipelines with sub-second synchronization latency.
- Compliance:** Meet financial audit requirements by implementing end-to-end trace logging and secure access controls.

2 Scope of Work

The scope of this project is limited to the configuration, testing, and deployment of the Synapse Ledger Synchronizer module and the migration of historical transaction data from Nexa's regional legacy databases to Nimbus DB. The architecture leverages modern cloud computing practices for data scalability and replication [1], managed using standard systems project methodologies [2].

2.1 In-Scope Activities

Synapse Systems Group will perform the following activities:

- ✓ **Schema Analysis:** Review existing database tables across four regional offices to design unified schema maps.
- ✓ **Ingestion Setup:** Set up Apache Kafka queues for robust queuing and buffering of transaction streams.
- ✓ **Data Pipeline Development:** Write ETL scripts to migrate historical records with full integrity checks.
- ✓ **Security Configuration:** Deploy mutual TLS (mTLS) certificates and Cloudflare Tunnels for secure transport.
- ✓ **Performance Optimization:** Perform load testing up to 5,000 requests per second and tune database indexes.
- ✓ **Knowledge Transfer:** Run a two-day technical workshop and hand over complete runtime documentation.

2.2 Out-of-Scope Activities

Any tasks not explicitly listed as in-scope are out-of-scope. Specifically, the following are excluded:

- ✗ Modification of front-end client-facing accounting software or customer billing portals.
- ✗ Provisioning or ongoing subscription billing of the Nimbus Infrastructure cloud services.
- ✗ Development of custom reporting tools (Nexa will connect their existing BI systems to the database).
- ✗ Ongoing post-deployment support past the standard 30-day warranty window.

3 Project Deliverables

The project will be executed across four distinct phases. The following table describes each deliverable, its scheduled completion date, and the specific criteria required for formal acceptance by Nexa.

Phase	Deliverable	Technical Description	Due Date	Acceptance Criteria
Phase 1	Schema Audit & Map	Document mapping standard for consolidating regional tables into a single Nimbus DB schema.	Sept 10, 2026	Signed approval of schema specification by Nexa Lead Architect.
Phase 2	Sync Ingestion Pipeline	Deployed Kafka queues and containerized Synapse Ledger Synchronizer service in staging.	Oct 15, 2026	Verification of zero data loss under continuous 1,000 tx/sec load test.
Phase 3	Security	Implementation of mutual TLS and secure Cloudflare Tunnels for database traffic.	Nov 10, 2026	Successful penetration test with zero high-severity vulnerabilities.
Phase 4	Production Rollout	Final cutover of live transaction streams to Nimbus DB and training sessions.	Dec 10, 2026	48 consecutive hours of stable production processing.

3.1 Acceptance and Review Process

For each deliverable, Synapse will submit a Deliverable Acceptance Form (DAF) to Nexa.

- i Review Period:** Nexa will have five (5) business days to review the deliverable against the acceptance criteria.
- i Approval:** If approved, Nexa will sign and return the DAF, triggering the corresponding milestone payment.
- i Rejection:** If rejected, Nexa must provide written feedback detailing the gaps, and Synapse will have five (5) business days to remediate and resubmit.

4 Milestones and Compensation

Nexa agrees to compensate Synapse on a milestone basis according to the table below. Total project fee is \$150,000, invoiced progressively upon acceptance of deliverables.

Milestone	Deliverable Link	Target Date	Amount (USD)	Payment Conditions
M1	Schema Audit & Map	Sept 15, 2026	\$30,000	Invoiced upon signed acceptance of Phase 1 DAF.
M2	Sync Ingestion Pipeline	Oct 20, 2026	\$45,000	Invoiced upon signed acceptance of Phase 2 DAF.
M3	Security Integration	Nov 15, 2026	\$35,000	Invoiced upon signed acceptance of Phase 3 DAF.
M4	Production Launch	Dec 15, 2026	\$40,000	Invoiced upon signed acceptance of Phase 4 DAF.
Total Contract Value:			\$150,000	

4.1 Invoicing and Payment Terms

All payments are due within thirty (30) days from the date of a valid invoice. Invoices must reference the purchase order number provided by Nexa at project kickoff. Late payments will incur a service fee of 1.5% per month on outstanding balances.

5 Project Governance & Assumptions

To ensure project success, both parties will adhere to the governance rules and key technical assumptions outlined below.

5.1 Key Technical Assumptions

- i** Nexa will provide Synapse with access to staging environments and legacy data samples within three (3) business days of kickoff.
- i** Regional databases are accessible via standard network protocols and do not require custom proxy bypasses.
- i** The Nimbus Infrastructure services remain operational with an uptime of at least 99.9% during migration tests.

5.2 Change Control Procedure

Any deviation from the scope of work outlined in this SOW must be requested in writing. A formal Change Request (CR) document detailing the scope modification, cost impact, and timeline adjustments will be prepared by Synapse. Work on the change will not commence until both parties sign the CR.

5.3 Signatures

IN WITNESS WHEREOF, the parties hereto have executed this Statement of Work as of the Effective Date.

For Nexa Corporation:

For Synapse Systems Group:

Sarah Vance
VP of Finance
Date: _____

John Miller
Delivery Partner
Date: _____

References

- [1] Michael Armbrust, Armando Fox, Rean Griffith, Anthony D. Joseph, Randy Katz, Andy Konwinski, Gunho Lee, David Patterson, Ariel Rabkin, Ion Stoica, and Matei Zaharia. A view of cloud computing. *Communications of the ACM*, 53(4):50–58, 2010.
- [2] Harold Kerzner. *Project Management: A Systems Approach to Planning, Scheduling, and Controlling*. John Wiley & Sons, Hoboken, 2017.
- [3] Securities and Exchange Commission. Sarbanes-oxley act section 404: Financial ledger auditing guidelines. Technical Report SEC-2022-404, US SEC, 2022.