

01 COMPANY PROFILE



Future-ready digital systems, built in Saudi Arabia.

25+

YEARS

2,000+

EXPERTS

F500

CLIENTS SERVED

Dammam

HEADQUARTERS



Saudi Arabia's trusted digital engineering partner.

Nehlum combines technology, data, and design to build systems that are efficient, connected, and future-focused — standing for innovation, reliability, and scalable technology designed for the future.

Vision

We exist to deliver value to all our stakeholders and contribute to a more sustainable and fairer world.

Mission

We transform enterprises into digital powerhouses and deliver cutting-edge, future-forward solutions that empower our clients to achieve their own positive economic and societal missions, thereby building success together for all stakeholders.

OUR CORE VALUES



Caring

For people, communities, and the world around us.



Openness

To new ideas, change, and collaboration.



Respect

At the heart of every relationship, built on trust and inclusion.



Excellence

Continuous innovation that exceeds expectations.



Why industry leaders choose Nehlum.

01

Proven success, delivered at scale

More than two decades leading complex digital transformations for Fortune 500 clients, with a consistent track record of measurable outcomes.

02

AI-powered, human-centered solutions

Intelligent platforms that combine advanced AI with deep business understanding to solve real-world challenges — not just deploy technology.

The 4D success model.

Success isn't just delivery — it's evolution. Four dimensions guide how we work and measure impact, with proof across every one.

D1

Drive growth

We create measurable business growth by scaling digital capabilities.

D2

Develop talent

We empower your teams with the tools, skills, and agility to thrive.

D3

Deliver impact

We design and build solutions that generate sustainable, real-world outcomes.

D4

Define the future

We anticipate what's next and help you lead through innovation.

+300MM

Increased online sales — leading global apparel retailer

90%

Reduced feature roll-out time — top North American grocer

99%

Reduced onboarding processing — leading Latin American bank

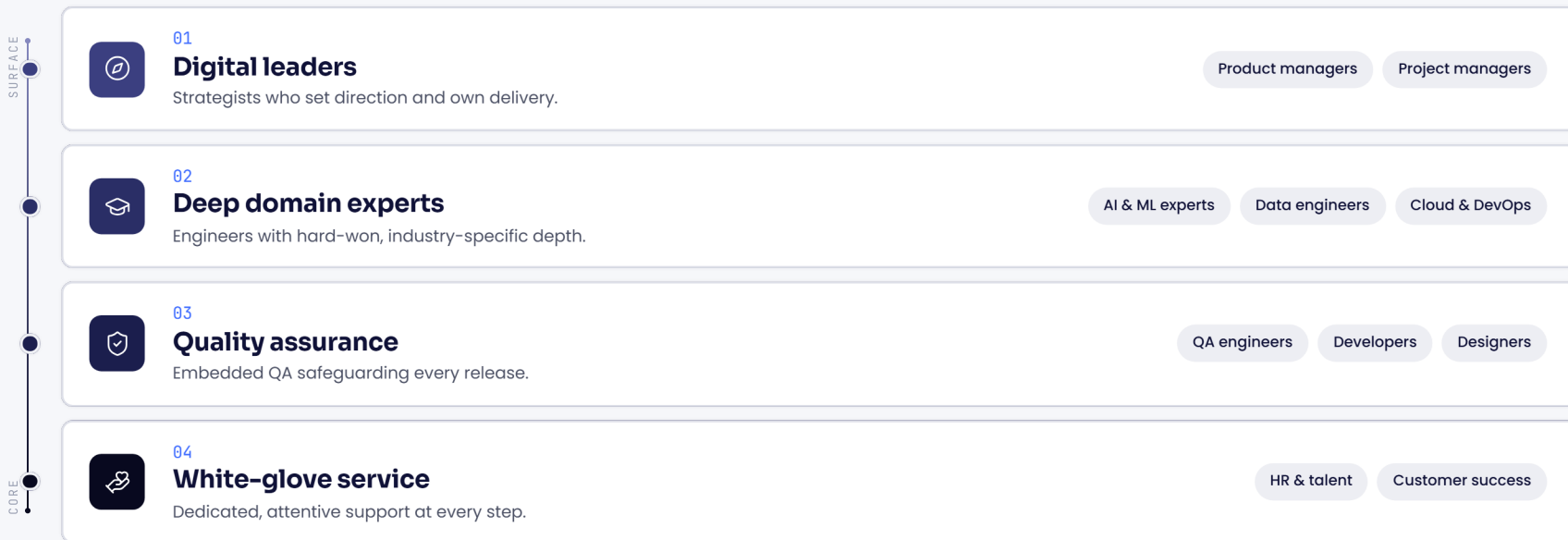
35%

Increased fan attendance & ticket sales — major U.S. sports org



One integrated team, four layers deep.

Every engagement is staffed as one vertically-integrated team — from strategy at the surface to specialist craft at the core. Each layer carries its own disciplines, accountable end to end.



We have deep experience leading many industries

From our first client Gap in the early 2000s — shaping retail commerce, logistics and warehouse management for the world's leading brands.

25+ Years
OF DELIVERY

Seven sectors
RETAIL TO FINANCE

KSA · Global
LOCAL & WORLDWIDE

RETAIL



CONSUMER GOODS & MEDIA



WMS CLIENTS · KSA



BANKING & FINANCE



ADDITIONAL INDUSTRIES



HEALTHCARE & LIFE SCIENCES



Saudi-rooted. Globally delivered.

A round-the-globe coverage model blends on-site, nearshore, and offshore expertise into one delivery engine — headquartered in the Kingdom.

09

COUNTRIES

13

OFFICES

2,000

EMPLOYEES

- **Saudi Arabia** HQ

Riyadh · Dammam

- **Pakistan**

Islamabad · Lahore · Karachi

- **Colombia**

Bogotá

- **United Arab Emirates**

Dubai

- **United States**

S. California · Silicon Valley

- **Peru**

Lima

- **India**

Hyderabad · Bhubaneswar

- **Canada**

Toronto

- **Chile**

Santiago

Ten capabilities. One integrated partner.

End-to-end digital transformation — strategy, engineering, data, and emerging technologies in one unified execution model.



Ten capabilities. One integrated partner.

End-to-end digital transformation, combining strategy, engineering, data, and emerging technologies into one unified execution model. Modular. Scalable. Enterprise-ready.

01		Digital Engineering & Transformation	Build · Transform · Scale
02		Mobile App & Experience Engineering	Engage · Optimize
03		Cloud & Data Services	Migrate · Analyze
04		Data Analytics, NLP, BI & AI	Analyze · BI · NLP
05		GenAI & AI Agentic Solutions	Reason · Automate
06		On-Premise & Self-Hosted AI	Regulated industries · Sovereign
07		Blockchain Consulting & Development	Trust · Traceability
08		Retail & Industry Solutions	Omnichannel · OMS
09		Cybersecurity & Risk Management	Detect · Respond
10		Nehlum Vibe to Production	Harden · Validate · Deploy

One platform. Complete supply chain control.

A suite of tightly integrated logistics and enterprise platforms that operate independently while sharing one common data layer.

One platform. Multiple systems.

Each product operates independently while sharing a common data layer — enabling real-time visibility, automation, and seamless cross-functional workflows.



Freight

Shipment lifecycle



Customs

Compliance & clearance



Transport

Fleet execution



Warehouse

Inventory control



Terminal

Yard operations



ERP

Finance & operations

NEHLUM CORE DATA LAYER

A single source of truth across all platforms.



Digital Engineering & Transformation

Build. Transform. Scale.

End-to-end

PRODUCT ENGINEERING

Agile · DevOps

DELIVERY ENABLEMENT

Cloud-native

API-FIRST SYSTEMS

• WHAT WE DELIVER



End-to-end product engineering

From idea to running product.



Enterprise web & platforms

Scalable systems for the business.



Agile delivery enablement

Faster, predictable release cycles.



IT consulting & strategy

Direction, roadmaps & architecture.



DevOps & performance

Automated, reliable, high-performing.



AI-ready by design

Platforms built for intelligence.

TECHNOLOGY FOCUS

Digital product engineering · Enterprise web platforms · Agile & DevOps · API-first cloud systems · Tech strategy

• END-TO-END LIFECYCLE

1

STRATEGIZE

Direction & roadmaps

2

ARCHITECT

Modular foundations

3

BUILD

Enterprise platforms

4

DELIVER

CI/CD & releases

5

OPERATE

Monitor & stabilize

6

OPTIMIZE

Improve outcomes

We engineer the platforms, data and intelligence that run modern enterprises — turning transformation into a **lasting operating capability**.

PRODUCT ENGINEERING

LEGACY MODERNIZATION

PLATFORM ENGINEERING

DEVOPS & QUALITY

CLOUD-NATIVE

Mobile App & Experience Engineering

Every tap. Every interaction. Optimized.

iOS · Android

NATIVE & CROSS-PLATFORM

UX-first

RESEARCH TO RELEASE

Optimized

PERFORMANCE & TESTING

WHAT WE DELIVER



Native iOS & Android

Platform-true, high-performance apps.



Cross-platform applications

One codebase, every device.



UX research & prototyping

Designed around real behavior.



Backend APIs & integration

Connected to your core systems.



Performance & testing

Fast, stable, thoroughly tested.

TECHNOLOGY FOCUS

Native iOS & Android · Flutter & React Native · API & backend · UX/UI design systems · Performance

END-TO-END LIFECYCLE

1

DISCOVER

Behavior & journeys

2

DESIGN

UX & flows

3

BUILD

Responsive apps

4

TEST

Compatibility

5

DEPLOY

Release anywhere

6

OPTIMIZE

Enhance experience

Experiences that engage. Platforms that scale — **every tap and interaction, optimized.**

iOS

Android

Flutter

React Native

UX/UI

APIs

Data Analytics, NLP, BI & AI

From raw data to real intelligence.

End-to-end

COLLECT TO INSIGHT

Agnostic

BEST-FIT TOOLING

Real-time

INSIGHT TO ACTION

WHAT WE DELIVER



Business intelligence & dashboards

Decision-ready views across the business.



Predictive & prescriptive analytics

See what happens next — and what to do.



Natural language processing

Understand text, speech & documents.



Machine learning & MLOps

Models built, deployed & maintained.



Computer vision & document AI

Extract meaning from images & files.

TECHNOLOGY STACK

Databricks · Snowflake · AWS · Azure · GCP · Power BI · Tableau · Python · SQL · dbt · Kafka · Spark · MLflow

END-TO-END LIFECYCLE

1

COLLECT

Sources & streams

2

PREPARE

Clean & label

3

MODEL

Train & validate

4

ANALYZE

BI & insight

5

DEPLOY

Into workflows

6

LEARN

Monitor & retrain

We help you collect, understand and act on your data — turning raw information into a **measurable competitive edge**.

BI

ANALYTICS

NLP

MACHINE LEARNING

MLOPS

COMPUTER VISION

Cloud & Data Services

Modern infrastructure. Unified data. Scalable intelligence.

Cloud-agnostic

VENDOR-NEUTRAL

FinOps

COST EFFICIENCY

AI-ready

DATA FOUNDATION

WHAT WE DELIVER



Cloud strategy & migration

Roadmap, re-platform & re-architect.



Hybrid & multi-cloud

Architecture across clouds & on-premise.



Data platform engineering

Lakes, warehouses & master data.



Real-time & batch pipelines

ETL/ELT ingestion and integration.



Security, IAM & encryption

Governed access and data protection.



FinOps cost control

Visibility and optimization of spend.

TECHNOLOGY STACK

AWS · Azure · GCP · Oracle · Snowflake · Databricks · Spark · Kafka · Airflow · dbt · Docker · Kubernetes · Terraform

END-TO-END LIFECYCLE

1

ASSESS

IT landscape & data maturity

2

ARCHITECT

Cloud + data blueprint

3

MIGRATE

Apps, databases & workloads

4

INTEGRATE

Pipelines, APIs & connectivity

5

OPTIMIZE

Performance, security & cost

6

INNOVATE

AI, automation & analytics

We turn legacy infrastructure into agile cloud-native ecosystems — and fragmented data into a unified, intelligent foundation.

MIGRATE & MODERNIZE

UNIFIED DATA

SECURE & GOVERNED

FINOPS

AI-READY

GenAI & Agentic AI Solutions

From intelligence to autonomous enterprise execution.

30–70%

LESS MANUAL WORK

24/7

AUTONOMOUS EXECUTION

Grounded

ON YOUR ENTERPRISE DATA

• WHAT WE DELIVER

🎯 AI strategy & use-case discovery

High-impact use cases with clear ROI.

🔗 LLM & RAG implementation

Fine-tuned models grounded in your data.

📦 Autonomous AI agents

Complete workflows end-to-end.

📄 Document & enterprise intelligence

Act on unstructured data at scale.

🛡️ Governance & optimization

Monitor, keep safe, keep improving.

TECHNOLOGY FOCUS

LLMs & GenAI · RAG architectures · Multi-agent systems · NLP & document AI · AI governance · Monitoring & safety

• ENTERPRISE AI LIFECYCLE

1

INPUT

Enterprise context

2

PROCESS

LLMs + RAG knowledge

3

REASON

Agent orchestration

4

ACT

Workflow automation

5

LEARN

Human feedback loop

6

OPTIMIZE

Continuous improvement

We combine GenAI with agentic orchestration so enterprises **automate, adapt, and lead.**

INBOX AGENT

DOCUMENTS

SUPPORT

SALES & CRM

PROCUREMENT

COMPLIANCE

Blockchain Solutions

Building trusted digital ecosystems.

Public · Private

& CONSORTIUM NETWORKS

Audited

SMART CONTRACTS

End-to-end

DLT ENGINEERING

WHAT WE DELIVER



Blockchain strategy

Feasibility, use-case fit & roadmap.



Network design

Public, private or consortium networks.



Smart contracts

Design, build & audit self-executing logic.



Tokenization

Represent assets, value & rights on-chain.



System integration

Connect ledgers to core systems.



Governance

Compliance & network governance.

TECHNOLOGY STACK

Ethereum · Hyperledger · Smart contracts · Distributed ledger · Node infrastructure · Security & compliance

DELIVERY LIFECYCLE

1

DISCOVER

Use case & fit

2

DESIGN

Architect the network

3

BUILD

Smart contracts & nodes

4

AUDIT

Security & testing

5

DEPLOY

Networks go live

6

SCALE

Expand the ecosystem

Secure digital ecosystems engineered for **transparency, automation, and trusted collaboration.**

SUPPLY CHAIN

LOGISTICS

DIGITAL IDENTITY

DOCUMENTS

PAYMENTS

TRADE FINANCE

Retail & Industry Digital Platforms

Built for your industry. Optimized for execution.

Omnichannel

UNIFIED COMMERCE

Real-time

ORDERS & INVENTORY

20+ years

INDUSTRY PLAYBOOKS

WHAT WE DELIVER



Omnichannel commerce

Unified experiences across every touchpoint.



Order & inventory systems

Real-time orders and stock visibility.



Customer engagement

Personalized experiences that build loyalty.



Workflow automation

Streamlined processes for efficiency.



Industry analytics

Actionable insight for smarter decisions.



End-to-end lifecycle

Strategy to optimization — continuous value.

TECHNOLOGY FOCUS

eCommerce platforms · OMS & inventory · CRM & engagement · Supply chain tech · Industry analytics · Cloud & integration

DIGITAL COMMERCE JOURNEY

1

DISCOVER

Customer touchpoints

2

SELL

Orders & transactions

3

MANAGE

Inventory & operations

4

FULFILL

Warehousing & logistics

5

MEASURE

Analytics & insight

6

OPTIMIZE

AI-driven improvement

Connecting customers, operations and supply chains into one intelligent ecosystem —
engineered for execution.

RETAIL

MANUFACTURING

WHOLESALE

LOGISTICS

HEALTHCARE

FOOD & BEVERAGE

Cybersecurity & Risk Management

Protect your business. Secure every digital asset.

24/7

SOC & THREAT MONITORING

6 surfaces

LAYERED PROTECTION

Rapid

INCIDENT RESPONSE & RECOVERY

WHAT WE DELIVER



Security assessments

Identify gaps, exposure & prioritized risk.



Penetration testing

Find & fix weaknesses before attackers do.



Cloud, network & endpoint

Layered protection across every surface.



SOC & 24/7 monitoring

Round-the-clock detection and triage.



Identity & access (IAM)

Right access, right people, verified.



Incident response

Contain, investigate and recover fast.

SECURITY STACK

Microsoft Sentinel · Defender · CrowdStrike · Palo Alto · Fortinet · Splunk

THE SECURITY LIFECYCLE

1

ASSESS

Risks, gaps & exposure

2

PROTECT

Layered security controls

3

MONITOR

Continuous threat detection

4

RESPOND

Contain & investigate incidents

5

RECOVER

Restore business continuity

6

IMPROVE

Continuous optimization

End-to-end cybersecurity that prevents threats, protects data, ensures compliance, and **keeps the business running.**

CLOUD

NETWORK

ENDPOINT

IDENTITY

DATA

APPLICATIONS

On-Premise & Self-Hosted AI for Regulated Industries

Enterprise AI with complete security, compliance & data sovereignty.

100%

DATA SOVEREIGNTY

Air-gapped

DEPLOYMENT OPTION

GPU-optimized

SCALABLE INFRASTRUCTURE

WHAT WE DELIVER



Private LLMs, agents & RAG

Deployed entirely inside your infrastructure.



Air-gapped, on-prem & hybrid

Full deployment flexibility, your choice.



Enterprise integration

ERP, CRM, Microsoft 365, SAP & Oracle.



Governance & control

Monitoring, access control & audit trails.



GPU-optimized platform

Performance, scale & reliability.



Multi-model support

Open-source & commercial models.

CORE CAPABILITIES

Secure enterprise AI that keeps all data inside your organization while delivering automation, productivity and intelligent decisions at [enterprise scale](#).

DEPLOYMENT LIFECYCLE

1

ASSESS

Needs, data & compliance

2

ARCHITECT

Secure private blueprint

3

DEPLOY

On-prem or air-gapped

4

INTEGRATE

Systems & enterprise data

5

GOVERN

Access, audit & safety

6

OPERATE

Support, scale & improve

GOVERNMENT

DEFENSE

BANKING

HEALTHCARE

ENERGY

TELECOM

Nehlum Vibe to Production

We transform your code — we don't rebuild it. You built it with AI; we make it production-grade.

11 layers

VALIDATION STACK

Transform

DON'T RESTART

Audit-only

OPTION AVAILABLE

⚠ THE GAP: PROTOTYPE VS PRODUCTION

- 🔧 **Everyone ships AI-built software**
Anyone can turn a prompt into a running app — and the output looks finished.
- 📦 **7 layers of hidden risk**
Every layer is a path to an incident or outage — invisible in a working demo.
- 🔧 **50+ failure modes**
Across every layer — none of them show up until the code reaches production.
- 🔧 **Readiness is an engineering discipline**
Not the output of a prompt. AI generates code; we engineer enterprise systems.

🔧 WHAT WE DO

- ✓ **Transform, don't restart**
Your product kept and improved — not thrown away and rebuilt.
- ✓ **Keep your codebase**
We work with the code your team already vibe-coded.
- ✓ **Harden & refactor**
Engineered into a secure, scalable, compliant system.
- ✓ **Deployment-ready**
Ready for real deployment — a system you can run your business on.
- ✓ **Secure, scalable & compliant**
Enterprise-grade from the inside out.

HOW WE ENGAGE · PATH TO PRODUCTION

- 1 **ASSESS**
Audit the AI-built codebase & score risk across every layer
- 2 **PLAN**
Prioritized remediation roadmap — fixed scope & timeline
- 3 **ENGINEER**
Harden, refactor & secure — your code, transformed
- 4 **OPERATE**
CI/CD, monitoring, incident response, support & governance

THE NEHLUM METHOD

Vibe to Production · 11 validation layers

🕒 Every layer validated & signed off → **Production-ready**

AUDIT-ONLY SERVICE

👁 READ-ONLY · NO CODE CHANGES

- 🔧 **Fixed scope & timeline**
A defined, time-boxed engagement.
- 🔧 **Zero disruption**
Read-only access — your code stays untouched.
- 🔧 **You decide next steps**
Fix in-house, or engage us to remediate.

CONFIDENTIALITY & NDA

🔒 NDA-FIRST · IP STAYS YOURS

- ✓ You retain all IP & ownership
- ✓ No training on your code
- ✓ No sharing with third parties
- ✓ PDPL-aligned data handling

BOOK YOUR ASSESSMENT

AI can write code in minutes. Enterprise software takes engineering. We make your AI-built application **secure, scalable and compliant** — before it becomes your next incident or outage.

[Book an assessment →](#)

Keep your codebase



Transform, don't restart



Secure & compliant



11 validation layers



Deployment-ready

FreightOS

Intelligent CRM for freight & logistics — purpose-built, not adapted.

4 divisions

FF · CC · LT · WHS

9+ modules

ONE PLATFORM

AI-powered

INBOX & ANALYTICS

FOUR DIVISIONS

 **Freight Forwarding**

 **Customs Clearance**

 **Land Transport**

 **Warehousing**

DATA MASTERS

Comprehensive master data for integrity & standardization across every module.

Ports Incoterms Container Types Shipping Lines

Airlines Truck Types Package Types IMO Class

Cities Customer Classifications

ONE CONNECTED PLATFORM — LEAD TO DELIVERY

CRM, operations, real-time dashboards and AI intelligence — purpose-built for freight, not a generic CRM adapted.



Customer 360°

Import/export potential by mode & trade lane



Four Sales Pipelines

FF · CC · LT · WHS with stage tracking



Budget vs. Actual

Forecast vs. shipped volume per client



STAR

AI Monitored Inbox

Auto-captures & links email inquiries



AI Conversational Analytics

Ask in English/Arabic · Google Data Studio



KAM Workplace

Every touchpoint logged & accountable



Knowledge Base

Centralized SOPs, help articles & docs



Customer Feedback

Capture, track & act on client feedback



Comprehensive Reporting

Cross-module reports & real-time dashboards



CRM MODULE

Customer · Leads · Inquiries · Quotations



OPERATIONS MODULE

Lifecycle · Ops pipeline · Documents · Exceptions



COMMAND CENTER

Sales & ops pipeline boards · Live kiosk arrivals board · KPI scorecards · Google Data Studio live tiles



INTEGRATIONS

Google Sheets · Google Data Studio · QuickBooks · Xero · SAP · Maersk/MSC/Evergreen tracking

AI Monitored Inbox

Every inquiry, captured automatically.

Zero

MANUAL ENTRY

Auto-capture

EVERY INQUIRY

AI-linked

RFQS & SHIPMENTS

Incoming emails are scanned by AI the moment they arrive — inquiries are auto-captured, classified, and linked to RFQs and shipments. Zero manual entry.

HOW IT WORKS

01



Incoming email

Customer sends an inquiry by email.

02



AI reads & classifies

Extracts origin, destination, cargo, mode.

03



Inquiry auto-created

New inquiry record created in the CRM.

04



RFQ linked

Matched to an existing or new RFQ.

05



Shipment linked

Tied to active or historical shipments.

Zero manual entry

Inquiries captured the moment an email arrives — no copy-pasting, no missed requests.

Smart field extraction

Reads cargo type, volume, origin, destination and customer name from the body.

RFQ auto-matching

Checks for matching open RFQs and links the inquiry — or flags a new quotation.

Shipment record linking

Ties inquiries to live or historical shipments for a complete communication thread.

Duplicate detection

Identifies repeat or similar inquiries and merges them — preventing duplicate quotes.

KAM alert & assignment

Responsible KAM notified instantly, assigned by customer-ownership rules.

Smart WMS

End-to-end ERP & WMS solution — automated, PDA-driven, built to global standards.

ERP + WMS

UNIFIED SOLUTION

PDA-driven

BARCODE & RFID

Global

BUILT TO STANDARDS

THE PRODUCT · WHAT IS NEHLUM WMS

Benchmark

Built to global WMS standards & software

Software + Hardware

App + PDA, RFID & barcode scanners

Automation

Min-to-zero manual entry, auto updates

PDA & RFID

Step-by-step guided put-away & picking

APIs & Integrations

Links to ERP, production & 3rd-party

25+

YRS
WMS DEPLOYMENTS

OPERATING FLOW · WMS FLOW & FUNCTIONS

STEP 01

Receiving

Material receiving &
GRN · Customer returns

STEP 02

Put-Away

System-guided
locations · Auto
allocation by aisle,
rack, bin

STEP 03

Storage

LIFO · FIFO · FEFO · Batch ·
Auto location
management

STEP 04

Picking

System-guided pick list
· Strategies by customer
& product

STEP 05

Pack & Ship

Packing & value-added
services · Dispatch note
& invoice

WAREHOUSE STRUCTURE

Warehouse › **Zone** › **Aisle** ›
Rack › **Level** › **Bin**

IMPLEMENTATION SPEED

Nehlum WMS

Weeks

SAP · Oracle

Many months

Dynamics · Infor

Months

PALLET ID & PUT LIST

- ✓ Put-away list by pallet count
- ✓ Barcoded pallet-ID labels
- ✓ PDA-guided step-by-step scan
- ✓ Auto location-mapped bins

TRUSTED BY

SAWANI · Milaf · YKK · Connect
Logistics · Saudi Olympic &
Paralympic Committee · Ministry
of Sport

Smart WMS

12 modules

FULL PLATFORM

Real-time

INVENTORY & BI

PDA-driven

OPERATIONS

PLATFORM COVERAGE · 12 MODULES

01 Inbound Operations

Receiving, GRN, pallet put-away

03 Inventory Management

Movements, batch, attribute sets

05 VAS & Manufacturing

Assembly, recipes, finished goods

07 Vehicle Management

Registration, docking, transactions

09 Multi-Warehouse

Cross-facility locator network

11 Dashboards & Analytics

Real-time operational insight

02 Outbound Operations

Sales orders, shipments, vehicle out

04 Replenishment

Replenishment logic & reporting

06 Partners Management

Customers, vendors, locations

08 Storage & Locations

Aisle, level, bin, zone setup

10 3rd-Party Integration

SAP, Oracle, Dynamics, Odoo, Zoho

12 System Administration

Roles, rights, configuration

WMS FEATURES

User management & security

Yard & gate management

Location management

Inbound operations

Outbound operations

Internal transfers

Inventory policies

Mobile & hardware

System integration

Workflow & admin

Customization

Smart put-away & picking

LIVE PERFORMANCE SCORECARD

ORDER FILL RATE

98.6%

▲ 1.2 pts

ON-TIME DISPATCH

96.4%

▲ 0.8 pts

INVENTORY ACCURACY

99.2%

▲ 0.3 pts

PICKING PRODUCTIVITY

142/hr

▲ 9 lines

CONNECT YOUR BI STACK

CAPTURE · WMS OPS

Operations dataReceipts · picking ·
dispatch · live
inventoryMODEL · UNIFIED
LAYER**Unified data
layer**Cloud warehouse
· REST API · real-
time sync

VISUALIZE · BI TOOLS

Your BI toolsPower BI · Tableau ·
Looker · Excel

INTEGRATIONS

SAP · Oracle · MS Dynamics 365 · Shopify · REST APIs

DEPLOY

Cloud · On-Premise · Hybrid

FleetOS

One platform. Total control.

11 modules

CORE PLATFORM

7 dashboards

ROLE-BASED

KSA-native

COMPLIANCE-READY

End-to-end fleet operations platform — purpose-built for Saudi Arabia. Vehicles, drivers, trips, projects, invoicing & compliance, unified and deeply integrated with KSA regulatory infrastructure.

11

CORE
MODULES

7

ROLE-BASED
DASHBOARDS

5

KSA GOVERNMENT
INTEGRATIONS

10

CONNECTED
INTEGRATIONS

ELEVEN CORE MODULES



Vehicle Management

Inventory, Istimara, availability



Trip Management

Create → dispatch → deliver → invoice



Invoicing & Billing

ZATCA e-invoicing, payment tracking



Subcontractors & Leasing

Leased-in/out, market vendors



Live Tracking & Telematics

Real-time GPS, vehicle health



Compliance & Regulatory

Full government integration



Driver Management

Profiles, license/Iqama, mobile app



Project Management

Dedicated fleet, progress tracking



Maintenance & Service

Breakdowns, work orders, reminders



Customer Management

Portal, invoices, live tracking



Reporting & Analytics

KPIs, saved templates, charts

NATIVE KSA INTEGRATIONS · 5 PLATFORMS

ELM

MOT validation

TAMM

MOI authorization

Wasl

TGA registration

ZATCA

E-invoicing

Bayan

Waybills

ROLE-BASED DASHBOARDS

Admin / Fleet Mgr

Fleet · compliance · KPIs

Customer

Invoices · live tracking

Driver

Trips · POD · breakdowns

Maintenance

Breakdowns · work orders

BUILT ON

Spring Boot (Java)

React (TypeScript)

MySQL

40+ REST APIs

JWT + optional MFA

Immutable audit trail

Bilingual UI · EN/AR · Hijri

TerminalOS

The modern operating system for container depots — track, manage & automate every operation, gate to gate.

9 roles

USER TYPES

6 inspections

INSPECTION TYPES

Gate-to-gate

FULL JOURNEY

9USER
ROLES**6**INSPECTION
TYPES**4**BILLING
CATEGORIES**2**

LANGUAGES

THE COMPLETE TANK JOURNEY Every step timestamped, assigned to a user & linked to billing

01 Gate in**02 Inspection****03 Cleaning / Repair****04 Storage****05 Gate out**

PLATFORM AT A GLANCE

**Gate operations**

Digital gate-in / out · checklists · doc capture

**Inspections**

6 checklist types · pass / fail / rework routing

**Cleaning**

4 grades · bay management · auto-invoicing

**De-stuffing**

20 / 40ft · cargo counts · smart stacking

**Maintenance (MNR)**

Estimates · digital customer approvals

**Yard & shuttling**

Zones / Bays / Stacks · 10 movement types

**Billing & invoicing**

4 categories · flexible per-customer rates

**Certificates**

QR verification · email / PDF / portal

**Customer portal**

Tank status · invoices · online approvals

**Notifications**

Real-time in-app & email · role-based

**Dashboards**

9 role-specific views · KPIs & reports

**Future with AI**

Predict · automate · decide

ERP'OS

8 modules

ONE PLATFORM

Real-time

LIVE SHARED DATA

KSA-ready

ZATCA E-INVOICING

Disconnected systems quietly cost you clarity, control, and cash. Run your entire business on one source of truth.

Nehlum ERP replaces siloed spreadsheets and disconnected tools with one platform — every department working from the same live data.

MODULE 01
Finance

ACCOUNTING CORE

- Financial & management accounting
- Profit & loss statements
- Job, process & product costing
- Bank reconciliation & supply chain

MODULE 02
Purchase

PROCURE-TO-PAY

- Purchase requisition (PR)
- RFQ & quotation analysis
- PR-to-PO & RFQ-to-PO conversion
- GRN / MRN, invoicing & vendors

MODULE 03
Sales

QUOTE-TO-RECEIPT

- Quotation & sales order management
- Sales planning & dispatch / shipment
- Customer invoicing
- Payment recording & tracking

MODULE 04
Inventory

STOCK CONTROL

- Full & partial receiving / issuance
- FIFO, FEFO & custom policy config
- Stock adjustments & movement
- Allocation, categorization & write-off

MODULE 05
Production

MANUFACTURING

- Material requirements planning (MRP)
- Multi-level bill of materials (BOMs)
- Job order management & planning
- Single-step & multi-step production

MODULE 06
Fixed Assets

ASSET LIFECYCLE

- Asset addition & transfer
- Asset life cycle & depreciation
- Asset write-off
- Asset maintenance

MODULE 07
Warehouse (WMS)

RECEIVING TO SHIP

- Receiving, storage, picking & packing
- Barcode & RFID data capture
- Custom location management
- Standalone or ERP-integrated

MODULE 08
Dashboards & Reports

INTELLIGENCE

- Live operational dashboards
- Drill-down from company to transaction
- Sales & performance intelligence
- Targets vs. actuals tracking

ENTERPRISE-GRADE ARCHITECTURE

- Modular
- Web-based
- Cloud & on-prem
- High availability
- REST API
- Role-based access
- Multi-company
- Multi-currency
- Multi-language
- Mobile app
- Approval hierarchies
- Audit trailing
- Drill-down reporting

KSA-ready: ZATCA e-invoicing · Arabic & English · multi-currency · Vision 2030-aligned.

INTEGRATIONS · FITS YOUR STACK

- Shopify
- WordPress
- WhatsApp
- SAP
- Oracle
- MS Dynamics
- Odoo
- IBM AS400
- ZATCA e-invoicing
- PDAs / handhelds
- Label & thermal printers
- Weighing scale
- RFID
- REST APIs



Two decades across industries.

From our first client, Gap, in the early 2000s, Nehlum has been critical in bringing retail online — shaping today's commerce, logistics, and warehouse-management experience.

Retail

GAP · Lululemon · Macy's · Williams-Sonoma · BJ's · Walmart · Albertsons · Kroger · ULTA · Backcountry · Safeway

Banking & Finance

Experian · Banco de Chile · Scotiabank · Transbank · BICE · LendUp · Toast · BCI

Consumer Goods & Media

Publicis · DIRECTV · Samsung · Coca-Cola · Duracell · OREO · Lancôme · Unilever

Healthcare & Life Sciences

Avia Partners · Science 37 · Collective Health · Teladoc · Safeway

Sports & Entertainment

Tickets.com · Monumental · MLS · MLB

KSA & WMS Clients SAUDI ARABIA

Sawani · Saudi Sport · Ministry of Sport · NOUG · World Combat Games · MILAF · YKK · Connect Logistics



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Quality isn't a department — it's a discipline embedded into everything we do. Our certifications are the operating framework behind every line of code and every commitment.



ISO 9001:2015

Quality Management System



ISO/IEC 20000-1

IT Service Management Excellence



ISO/IEC 27001

Information Security Management

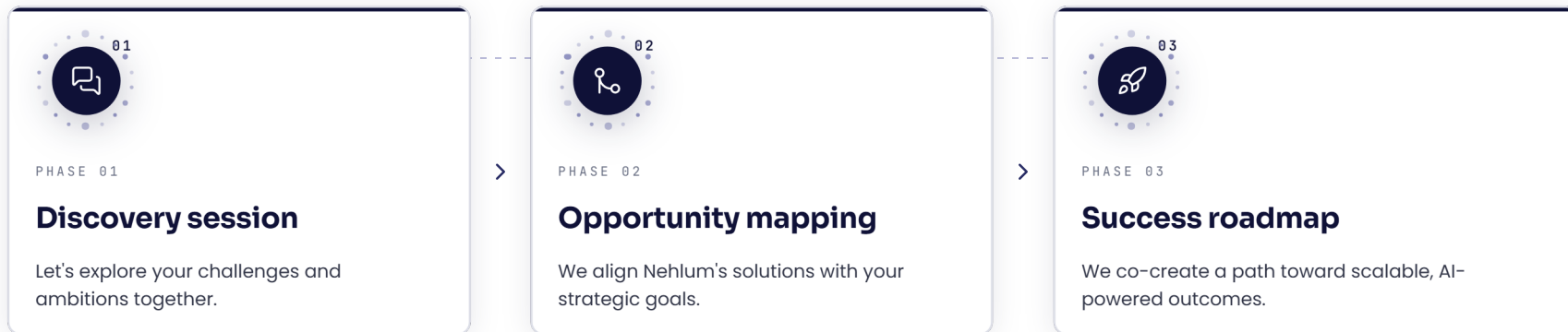
WHAT THIS MEANS FOR YOU

- 01 A certified quality framework governs every project.
- 02 Security and data handling held to international standards.
- 03 Consistent, auditable delivery processes — no exceptions.
- 04 Continuous improvement is built in, not bolted on.



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