



ENTERPRISE SYSTEMS MODERNIZATION &
ENGINEERING

Modernize what your operations already depend on.

VERTEX makes complex technology estates
understandable, then builds a controlled path to
connected modern operations.

COMPANY PROP



BUILT AROUND OPERATIONAL REALITY

Clarity for the systems behind the business.

Established organizations do not begin with a blank page. VERTEX works with the applications, data, workflows, interfaces, constraints, and knowledge already carrying the operation.

We connect executive intent to architecture and delivery: assessing the current estate, defining what should change, and engineering the transition. The aim is not newer technology for its own sake, but an operating environment that is easier to understand, use, govern, secure, and continue improving.

01

Vision

Make complex enterprise operations easier to understand, evolve, and trust.

02

Mission

Help organizations understand what they have, decide what should change, and deliver connected platforms without losing operational knowledge.

03

Purpose

Protect operational value while creating the capacity to change.



THE INHERITED ENTERPRISE

Critical operations are often held together across boundaries.

Business rules, records, and daily decisions can be distributed across aging applications, customized ERP modules, databases, spreadsheets, desktop tools, manual approvals, and undocumented integrations.

01

Information arrives late or disagrees across systems.

02

Teams repeat work at disconnected handoffs.

03

Valuable rules remain trapped in difficult-to-change software.

04

Unsupported technology adds risk while cloud and AI initiatives wait for data and architecture readiness.

05

A full replacement can put continuity at greater risk than the current estate.



The answer is a portfolio of evidence-based decisions—not a blanket instruction to replace everything.



A DISTINCT MODERNIZATION PARTNER

Strategy and engineering, held together by continuity.

VERTEX sits between transformation consulting and enterprise software engineering. We begin with the institution's operating model and determine the right path for each system, capability, and dependency.





THE VERTEX MODERNIZATION PATH

Ten stages. One controlled path forward.

The path is a decision and delivery lifecycle, not a rigid waterfall. Stages can overlap and repeat for each modernization slice, with evidence and ownership carried from discovery into operation.

01 Discover How does the operation work today?	02 Assess What creates value, constraint, or risk?	03 Architect Which target and transition states are viable?	04 Modernize What smallest valuable change proves the path?	05 Migrate How will data and workloads move with proof?
06 Integrate How will old and new systems work together?	07 Validate Can the organization prove readiness?	08 Launch How will responsibility transfer with control?	09 Operate Is the service reliable and supportable?	10 Improve What should change next?

Each stage ends with a decision gate: evidence, ownership, acceptance, and a clear basis for what happens next.



INTEGRATED CAPABILITY

From estate decisions to managed evolution.

Modernization crosses organizational and technical boundaries. VERTEX brings the responsibilities together while keeping each capability clear enough to scope, govern, and accept.

06

01 Advisory & Enterprise Architecture Make the estate and its modernization choices clear.	02 Modernization Engineering Change applications and databases by the least-disruptive suitable path.
03 Enterprise Applications Build or extend systems around the real operating model.	04 Data & Intelligence Make enterprise data reliable, governed, and useful.
05 Integration & Automation Connect systems and remove manual handoffs responsibly.	06 Cloud & Platform Engineering Place and operate workloads on appropriate platforms.
07 Security & Governance Build requirements, responsibility, and evidence into delivery.	08 Managed Evolution Keep systems reliable and improving after launch.



PROBLEM-LED SOLUTIONS

Change the operating environment, not one isolated layer.

Solutions combine the capabilities needed for a recognizable business situation. They can begin with one bounded slice and expand across the systems that share workflows, records, and responsibility.

■ Modernize legacy ERP

Preserve essential records and rules while improving workflows, extensions, and changeability.

■ Unify operations

Connect fragmented workflows and roles through a shared operational platform.

■ Consolidate systems

Reduce manual handoffs through governed interfaces and coherent operating data.

■ Create trusted data

Build a consistent foundation for operational reporting, analytics, and governed AI.

■ Automate manual work

Remove avoidable re-entry, approvals, and reconciliation without obscuring accountability.

■ Modernize digital service

Improve employee, customer, and supplier journeys over reliable systems of record.

Systems in scope

ERP & Finance / CRM & Revenue / HCM & Employee Operations / SCM, WMS & Logistics /
MES, EAM & Maintenance / Portals & Workflow / Data Platforms & BI



WHERE THE WORK MATTERS

For organizations carrying complexity they cannot simply discard.

VERTEX is relevant where operational knowledge is embedded in systems, integration pressure is rising, and change must remain accountable to business, technology, data, security, and procurement leaders.

08



Complex enterprises

Multiple units, internal systems, and growing integration demands require a path that can be governed across ownership boundaries.



Manufacturing & asset-intensive operators

Planning, production, inventory, maintenance, and quality must connect without losing the realities of plant and asset operations.



Multi-company groups

Shared cores, uneven maturity, consolidation, and intercompany workflows call for common architecture with controlled variation.



Regulated & public-service organizations

Mission-critical workflows, formal acceptance, and requirement mapping make evidence and operational readiness part of the design.



THE PRINCIPLES BEHIND THE WORK

Modernization grounded in judgment, evidence, and ownership.

Reality before prescription. Continuity before
spectacle. Evidence before claims.

Architecture, experience, data, security,
migration, testing, and service ownership
move together.

01

Understand before changing

Evidence, process discovery, dependencies, and business context come before architecture.

02

Modernize with continuity

Coexistence, validation, cutover, and rollback are designed from the beginning.

03

Connect the enterprise

Applications, data, users, and controls become one coherent operating environment.

04

Engineer for evolution

Observable, documented, maintainable systems make future change easier to own.



Trust begins with inspectable practice: explicit assumptions, decision records, quality gates, labelled scenarios, and clear ownership of risk.



BEGIN WITH EVIDENCE

Start where the decision becomes clearer.

A modernization program should begin with a bounded question, a visible operating problem, and access to the evidence needed to understand both value and risk.

01

Enterprise systems assessment

Map applications, data, workflows, dependencies, ownership, constraints, and unknowns.

02

System modernization review

Examine one critical system, its options, transition risks, and the evidence needed for a sound decision.

03

Architecture conversation

Frame target and transition states, priorities, acceptance, and the smallest valuable slice that can prove the path.

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