

 CLOUD, DATA AND AI ENGINEERING

Cloud where connectivity holds. Offline AI where it doesn't.

Ventex Cloud designs, migrates and operates secure platforms across AWS and Azure, and builds the AI systems that run when continuous cloud connectivity cannot be assumed.



UAE



BAHRAIN



QATAR



OMAN



PAKISTAN

WHO WE ARE

One specialist practice. Two operating realities.

Ventex Cloud is a specialist consultancy for secure cloud platforms, data systems and governed AI, with a second posture for fully offline and air-gapped intelligence.

We work across Amazon Web Services and Microsoft Azure, with particular experience in the Middle East and South Asia, where residency, disaster recovery and lean operating models often decide whether a programme succeeds.

THE DELIVERY POSTURE FOLLOWS THE CONSTRAINT



Cloud connected

Managed services, private networking, governed data and AI, regional recovery and automated operations.



Edge / air-gapped

Local inference, geo and video intelligence, clinical models and deterministic operation without a continuous cloud dependency.

WHAT WE STAND FOR

Context before tooling

Residency, connectivity and source-system facts come before architecture choices.

Managed services first

Use highly automated cloud services where they meet the requirement.

Residency by design

Country boundaries and recovery patterns are treated as design inputs, not late-stage exceptions.

AI with boundaries

Task-bounded agents, private access and human approval where systems of record are involved.

Lean operations

Architectures are designed to be run by a focused team, with runbooks, scorecards and clear ownership.

WHAT WE DO

Engineering decisions, made with context.

Five connected capability areas cover the journey from foundation to data, AI, security and ongoing operations.



Data platforms & financial analytics

Secure ingestion, lakes and warehouses, country-segregated stores, and dashboards for premium, claims, budget and management reporting.



Governed AI & agent platforms

Private RAG, task-bounded agents, evaluation gates, groundedness controls, token budgets and human-approved write-back.



Edge, offline & domain AI

Air-gapped geo AI, video intelligence, local inference, clinical prediction and domain systems for secure or remote environments.



Cloud foundation & managed operations

Landing zones, identity, private networking, multi-account isolation, hybrid connectivity and infrastructure as code, designed for controlled handover and practical operations.

AWS Control Tower

Azure landing zones

IAM / Entra ID

Private networking

Terraform / CloudFormation



Migration, security & FinOps

Azure-to-AWS migration, continuous security monitoring, cross-region backup and recovery, rightsizing and cost scorecards.

The practice is managed-services-first. Where cloud connectivity is not dependable or appropriate, the architecture changes posture rather than forcing a cloud-only pattern.

REPRESENTATIVE WORK

Complex systems. Clear outcomes.

Public summaries of representative cloud, data and AI programmes across insurance and healthcare environments.

01

PACIFIC PRIME | MULTI-REGION

AWS managed services transition

Transitioned from a managed Azure model toward direct AWS management across a twelve-region operations layer, with migration controls and blue-green or canary cut-over patterns.

12 Minutes

OPERATIONS REGIONS REGIONAL PROVISIONING

 Multi-region cloud operations

02

PACIFIC PRIME | AXA | ALLIANZ

Multi-tenant AWS infrastructure

Tenant-isolated infrastructure for insurance operations, with compute in the UAE, disaster recovery in Bahrain and controlled site-to-site connectivity.

12 1h / 4h

TENANT-ISOLATED VMS TARGET RPO / RTO

 Pakistan | UAE | Bahrain

03

CIGNA | PRIME

Cloud, data, analytics & AI

A three-country Azure design spanning landing zones, financial data services, management analytics and governed agents, with residency treated as a controlling design risk.

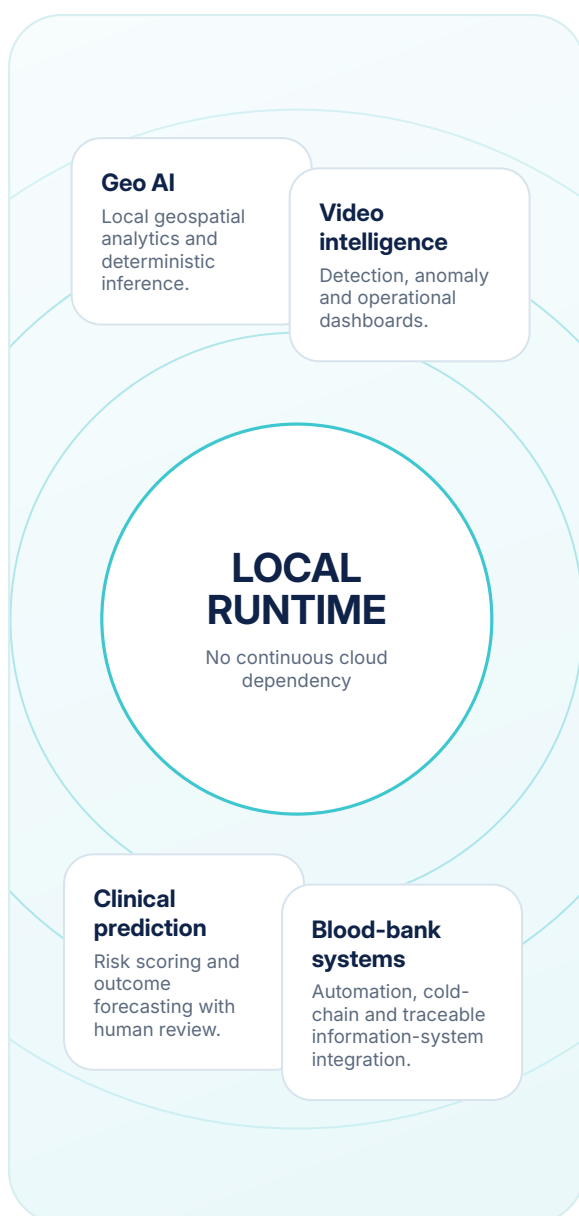
5 3
GOVERNED AI AGENTS COUNTRY OPERATIONS

 Bahrain | Qatar | Oman

WHEN THE CLOUD IS NOT THE ANSWER

Intelligence that stays inside the building.

For secure, remote and regulated environments, Ventex Cloud can operate at the edge, with local inference and systems designed around the absence of continuous connectivity.



Offline geo AI

Edge-deployable geospatial intelligence for sites where data cannot leave the environment.



Video intelligence

Computer vision for surveillance, workplace and industrial operations, delivered as decision dashboards rather than raw-video review.



Clinical prediction

Custom models for decision support, risk scoring, outcome forecasting and resource optimisation, with human review.



Blood-bank systems

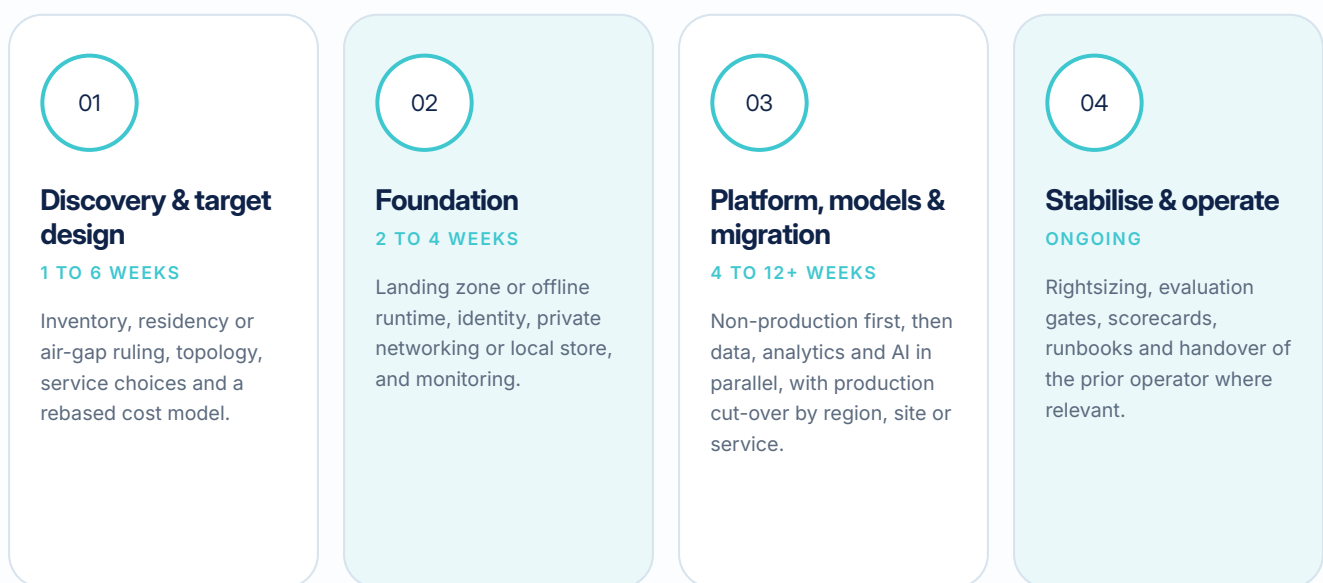
Consultancy around automation, component processing, cold-chain equipment and LIS / HIS integration for traceable clinical operations.

These domain AI capabilities include programmes previously delivered through Image Impex and now sit within the Ventex Cloud offering.

HOW WE WORK

One sequence, cloud or edge.

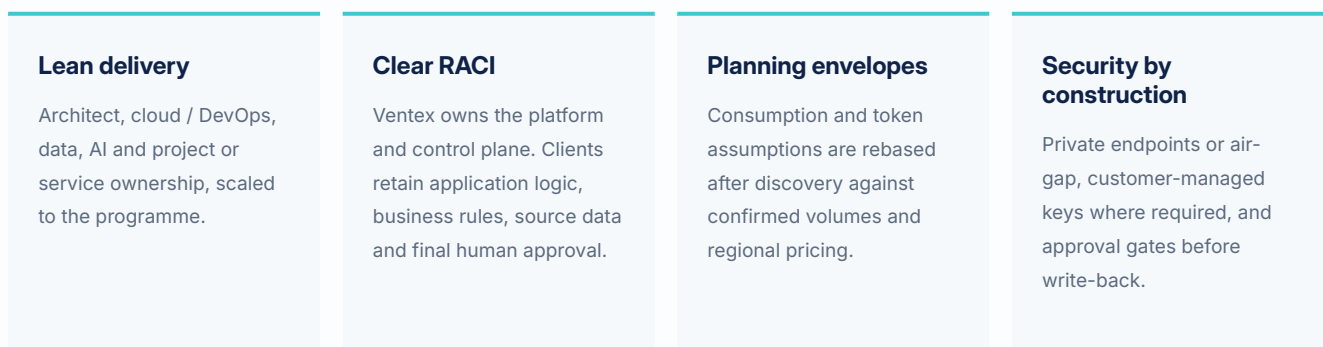
Irreversible decisions wait for the facts. Discovery establishes residency, connectivity and source-system constraints before the build begins.



OPERATING MODEL

A smaller team. A sharper operating model.

Ventex Cloud is structured around a focused delivery core rather than a large standing operations bench.



WHERE WE WORK

Designed around where data lives.

Ventex Cloud has particular strength across Gulf and Pakistan programmes, where residency, unpaired regions, recovery strategy and uneven connectivity shape architecture from the first conversation.



United Arab Emirates

Cloud infrastructure



Bahrain

Disaster recovery



Qatar

Data & AI hub



Oman

Regional operations



Pakistan

Engineering delivery

REPRESENTATIVE TECHNOLOGY ECOSYSTEM

Built on services clients can operate and govern.

Service choices vary by residency, connectivity, workload and operating model. These are representative platforms and patterns used across the practice.

CLOUD & GOVERNANCE

AWS Control Tower

Organizations

IAM Identity Center

Azure CAF

Entra ID

PIM

SECURITY & DR

GuardDuty

Security Hub

AWS Config

Defender for Cloud

Microsoft Sentinel

AWS Backup

DATA & ANALYTICS

S3

RDS / Aurora

ADLS Gen2

Snowflake

Microsoft Fabric

Power BI

AI & AUTOMATION

Amazon Bedrock

SageMaker

Microsoft Foundry

Azure OpenAI

Terraform

CloudFormation

EDGE / OFFLINE AI

On-device inference

Geo analytics

Video analytics nodes

Air-gapped model packs

CLINICAL SYSTEMS

Blood-bank automation

Cold-chain integration

LIS / HIS interfaces

Prediction models

 WHY CLIENTS ENGAGE VENTEX CLOUD

Built for demanding environments, not generic cloud diagrams.

Our differentiator is not a single platform or product. It is the discipline to choose the right posture, expose the real constraint early and design for a team that has to operate the result.

Start with discovery

Most clients begin with inventory, a residency or air-gap ruling, a target architecture sketch and a realistic Year-1 planning envelope before irreversible build decisions are made.

- 01 Insurance & healthcare fluency**
Experience across insurance programmes and clinical systems, including transfusion medicine and medical prediction.
- 02 Dual cloud / edge posture**
Managed public cloud where connectivity is reliable, fully offline intelligence where it is not.
- 03 Honest residency treatment**
Regional limitations, recovery options and air-gapped alternatives are named before the build starts.
- 04 AI introduced at the right gate**
Identity and private networking come first on cloud programmes. Offline programmes are designed for local inference from day one.
- 05 Board-ready artefacts**
Architecture decisions, cost views, scorecards and planning envelopes designed to support leadership decisions.

Let's make the next decision the right one.

Start with a short discovery and target-design conversation.

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