

CLOUD STRATEGY & ADVISORY | AI DATASHEET

Cloud Technology Capabilities for the AI Era

Unlock cloud's full potential and turn bold ideas into transformative outcomes with an integrated cloud, network, security, data, and AI foundation.

Connect the Network. Integrate the Cloud.
Power AI. Operate Intelligently.



Cloud Strategy Built for AI Outcomes

Inteltel helps organizations align cloud modernization with network architecture, security, data, applications, operations, and AI infrastructure.

From strategy and readiness assessment through migration, private cloud connectivity, hybrid and multi-cloud integration, AI infrastructure, FinOps, and managed operations, Inteltel creates a practical path from today's environment to an AI-ready operating model.

Business Aligned

Prioritize cloud investments around measurable business requirements.

AI Ready

Prepare network, compute, data and security foundations for AI workloads.

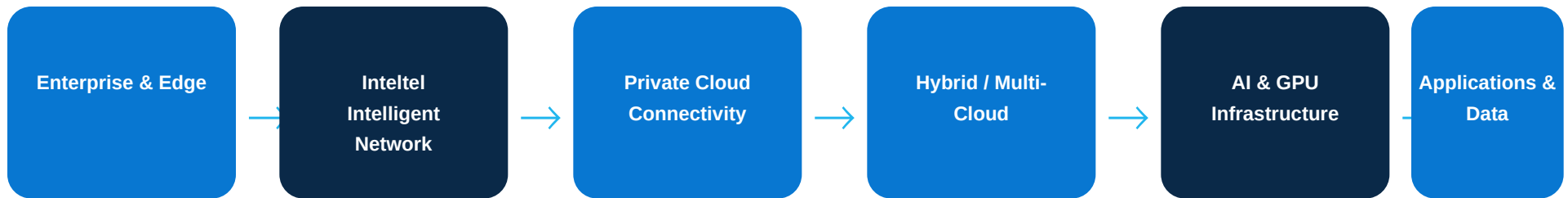
Operationally Managed

Combine engineering, monitoring, governance, and continuous optimization.



One Connected Foundation from Edge to AI

A coordinated architecture connects users and enterprise locations to private cloud connectivity, hybrid platforms, AI infrastructure, applications, and data.



Enterprise & Edge → IntelTel Intelligent Network → Private Cloud Connectivity → Hybrid / Multi-Cloud → AI & GPU Infrastructure → Applications & Data

This model provides a secure path for users, applications, data, and AI workloads while maintaining visibility, resilience, policy control, and operational accountability.

Turn Cloud Ambition into an Executable Roadmap

Align architecture decisions with business priorities, application dependencies, security requirements, cost objectives, and AI-readiness goals.

Current-State Assessment

Evaluate infrastructure, applications, network, cloud consumption, security, and operating maturity.

Target Architecture

Define the future-state hybrid or multi-cloud model and integration requirements.

Transformation Roadmap

Sequence migration, modernization, connectivity, security, and AI-enablement initiatives.

Governance Model

Establish ownership, standards, decision rights, service controls, and lifecycle processes.

Investment Priorities

Connect technology choices to risk, performance, capacity, cost, and business outcomes.

Execution Planning

Translate strategy into workstreams, milestones, dependencies, and measurable outcomes.

Connect Enterprise, Cloud, Data & AI

IntelTel integrates branch, campus, data center, edge, private cloud, public cloud, and AI infrastructure through secure, high-performance network architecture.

Enterprise Network

LAN, WAN, SD-WAN, branch, campus, and remote access.

Cloud Connectivity

Private and managed pathways into cloud platforms.

Data Center & Edge

Connect compute, storage, applications, and distributed edge environments.

AI Infrastructure

Support GPU clusters, AI services, model access, and high-volume data movement.



Predictable Connectivity Without Public-Internet Dependence

Inteltel Managed Cloud Connect provides a private, secure, and predictable pathway between enterprise infrastructure and supported cloud environments.

Private Pathways

Reduce reliance on the public internet for critical cloud traffic.

Predictable Performance

Support latency-sensitive and business-critical applications.

Resilient Design

Use redundant connectivity and diverse paths where required.

Managed Operations

Coordinate routing, monitoring, troubleshooting, and capacity management.



One Architecture Across Multiple Environments

Coordinate connectivity, policy, security, and operations across on-premises infrastructure, private cloud, public cloud, and distributed workloads.

Private Cloud

Controlled enterprise infrastructure

Public Cloud

Elastic services and applications

Data Center

Core systems and data

Edge

Distributed compute and users

SaaS

Business applications

AI Services

Models, APIs, and data platforms

Build the Connectivity Foundation for AI

AI workloads require more than compute. Intel helps connect GPU infrastructure, data platforms, cloud AI services, applications, and users through secure, scalable networking.

GPU Connectivity

High-performance access to accelerated compute resources.

Data Movement

Support data pipelines between storage, cloud, edge, and AI platforms.

AI Service Access

Secure connectivity to hosted models, APIs, and AI platforms.

Scalable Architecture

Plan network capacity as models, users, and workloads expand.



Connect the Workload to the Data It Needs

Design cloud and network architecture around application dependencies, data flows, user experience, security, and performance requirements.

Application Mapping

Understand dependencies before migration or modernization.

Data Flow Analysis

Identify where data originates, moves, and is consumed.

Segmentation

Separate sensitive workloads and traffic domains.

Performance

Align connectivity with application latency and throughput needs.

Resilience

Design continuity around critical applications and data paths.

AI Data Readiness

Prepare trusted data pathways for AI and analytics workloads.

Security Built into the Cloud Operating Model

Integrate identity, network security, segmentation, secure access, workload protection, and continuous monitoring across hybrid environments.

Identity & Zero Trust

Verify users, devices, and access context.

Network Security

Protect traffic between users, sites, clouds, and workloads.

Segmentation

Limit lateral movement and isolate sensitive resources.

Cloud Security Controls

Apply policy consistently across cloud environments.

Data Protection

Protect sensitive data in transit and across workloads.

Threat Visibility

Monitor events, anomalies, and operational risk.

Move Workloads with Control and Confidence

Modernization combines workload assessment, architecture, connectivity, security, migration planning, validation, and post-migration optimization.



Modernize around business outcomes - not migration for migration's sake.

IntelTel helps determine what should move, what should modernize, what should remain, and how network, security, data, and operating processes must evolve with the application portfolio.

Improve Cloud Economics Without Sacrificing Performance

Bring cost, consumption, capacity, performance, and business context together to support better cloud investment decisions.

Cost Visibility

Understand consumption by platform, service, workload, or business unit.

Rightsizing

Align resources with actual workload requirements.

Capacity Planning

Use demand trends to inform infrastructure and network decisions.

Architecture Optimization

Reduce unnecessary complexity and inefficient design patterns.

Governance

Define ownership, standards, budgets, and review processes.

Continuous Improvement

Revisit performance and cost as workloads and business needs change.

Operate Intelligently Across Cloud & Network

Use automation, telemetry, analytics, and AI-assisted insights to help engineering teams identify anomalies, prioritize incidents, forecast capacity, and continuously optimize services.

Real-Time Monitoring

Maintain visibility across connectivity and cloud services.

Anomaly Detection

Surface unusual behavior for engineering review.

Predictive Analytics

Use trends to support capacity and risk decisions.

Automated Operations

Automate repeatable workflows while retaining human governance.

Continuous Optimization

Improve performance, resilience, security, and cost over time.



Make Cloud Modernization Sustainable

Establish the policies, responsibilities, standards, and review processes needed to manage cloud and AI infrastructure throughout its lifecycle.

Architecture Standards

Define approved patterns and integration principles.

Security Governance

Align access, segmentation, monitoring, and risk controls.

Service Ownership

Clarify accountability across cloud, network, security, and applications.

Change Management

Coordinate releases, migrations, and consequential policy changes.

Lifecycle Planning

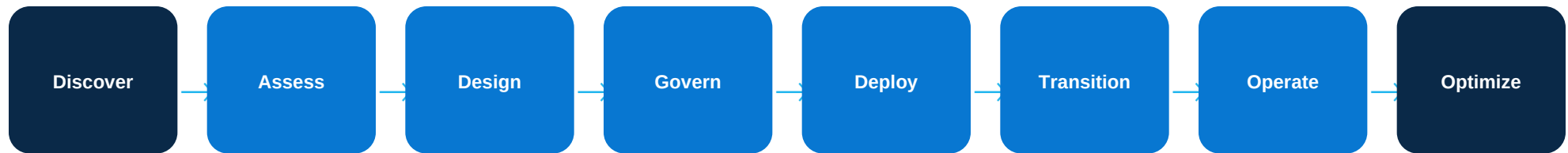
Plan upgrades, renewals, capacity, and retirement.

Executive Reviews

Track service performance, risks, investment priorities, and roadmap progress.

From Assessment to Continuous Optimization

IntelTel combines consulting, engineering, governance, deployment, transition, and managed operations in one coordinated transformation model.



Outcome: a secure, scalable, AI-ready cloud operating model that evolves with the enterprise.

Defined milestones, engineering validation, governance, service transition, proactive management, and continuous optimization help move modernization from a one-time project into an operating capability.

What the Enterprise Gains

Cloud strategy is most valuable when it improves business agility, resilience, security, operational control, and the ability to adopt new capabilities.

Accelerate Modernization

Create a structured path from legacy infrastructure to cloud and AI-ready architecture.

Improve Resilience

Design connectivity and services around continuity requirements.

Strengthen Security

Integrate identity, network, workload, and data protection.

Control Complexity

Coordinate hybrid environments through clear architecture and governance.

Prepare for AI

Connect data, cloud services, GPU resources, applications, and users.

Optimize Continuously

Use telemetry, engineering, and AI-assisted operations to improve over time.

Cloud + Network + Security + AI in One Model

IntelTel brings cloud advisory, enterprise networking, private connectivity, cybersecurity, infrastructure engineering, and managed operations together through a vendor-neutral approach.

1 Vendor-Neutral Advisory

Architecture based on technical and business requirements.

2 Network Integration Expertise

Connect enterprise, edge, data center, cloud, and AI environments.

3 Security by Design

Build security into connectivity and cloud architecture.

4 Managed Operations

Support environments after deployment with monitoring and engineering.

5 Continuous Improvement

Use service reviews, optimization recommendations, capacity forecasts, and roadmaps.



START YOUR CLOUD & AI MODERNIZATION ROADMAP

Schedule an Inteltel Cloud, Network & AI-Readiness Assessment.

We will evaluate your network, cloud platforms, applications, data flows, security, capacity, connectivity, and AI infrastructure requirements - then develop a practical modernization roadmap.

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