



MAXIMIZE
YOUR
CLOUD

CapTech.

Others Talk, We Listen.

You Belong in the Cloud

Moving IT infrastructure to the cloud increases your agility and reduces the time it takes to reach market. It can maximize your collaboration and efficiency, all while decreasing your IT expenditures.

Cloud transformation is not a single event, but a journey, and your needs will differ at each stage. Whether you have one hundred employees or a hundred-thousand, CapTech will be your partner at every step in this journey.

A group of people in a meeting, overlaid with a blue-tinted ink splash effect. The image is dominated by a vibrant blue color scheme. In the background, several individuals are visible, their faces partially obscured by a large, dynamic splash of blue ink that flows across the scene. The overall atmosphere is one of collaborative energy and modern technology.

Let CapTech help you find your place in the cloud.

We don't prescribe a one-size-fits-all formula—we listen. When it comes to the cloud, CapTech partners with you to select the right service providers and craft a cloud strategy tailored to help you achieve your goals.

Where in your cloud journey are you?

If you're brand new to cloud solutions and looking to find out how to unlock the possibilities of the cloud—we can do that. If you're just looking to expand your current cloud offerings, well, we can do that too.

Click below to be taken to a section detailing some of our capabilities along with a solution in action.





NEW to the Cloud

Thought Leadership and Advisory

If you're new to the cloud, CapTech collaborates with your business to **define your future state**, **evaluate your current state**, and **determine how to close that gap**.

We tailor a cloud transformation strategy and roadmap for you, featuring:

- Architecture evaluation
- Security assessments
- Application portfolio assessment

Solution in Action

Design for Azure Infrastructure as a Service (IaaS)

A Fortune 150 consumer goods company wanted to **decrease their reliance on their service provider for infrastructure** and move a defined percentage of their infrastructure to Azure IaaS over the next several years.

- **Partnered to develop a business case** comparing compute and storage costs using Azure IaaS against the cost of the managed service provider to justify the move.
- **Led the development of the future state architecture**, including detailed designs, complete with a roadmap of time, dollars, and vendors to build and support the environment.



Go to Market Strategy

You're ready for cloud adoption, but don't know where to start. Offering foresight and addresses your uncertainties, we ease your organization into its new cloud capabilities by **considering your options, validating the approach,** and **planning** the breadth of what **your implementation** may involve. This includes:

- Research and Design
- Proof of Concept
- Project Planning

Solution in Action

Enabling Azure Platform as a Service (PaaS)

A packaged goods company wanted to commercialize Azure PaaS, but **had reservations with security** and how the organization would **adopt and manage the new service.**

- Worked with client's security team for a **thorough cloud security assessment** while designing a solution architecture of Azure resources to create a service catalogue
- CapTech also collaborated with Architects, Security Representatives, and Operation Managers to create a governance model outlining everyone's responsibilities
- CapTech re-platformed a low risk application using Azure PaaS to **create a proof of concept**, with approval from Security, a service catalogue, and a governance model
- Facilitated adoption of the service by developing a **transition plan** with criteria for new workloads that could now be allocated to the cloud





FAMILIAR
with the Cloud

Solution Build Out

We're always excited to start building a solution, but before we do that, we ensure our **end-state is well defined and that architecture designs have been vetted**. This discipline keeps us focused, whether we're developing cloud-native solutions in **IaaS** or **PaaS**; Integrating cloud services with on-premise applications; or Innovating in the Cloud with rapid prototyping for IoT, Big Data, Machine Learning, Microservices, and Serverless applications.

Cloud solutions should be automated to guarantee reliable outcomes. It should all be as easy as pushing a button. We have the Architects and Developers that can make this a reality.

Solution in Action

Software Re-Architecture Using Microservices

A retail software development company wanted to re-design their products to **reduce cost, increase system scalability and simplicity, and reduce the downtime** associated with customer implementations and upgrades.

CapTech supported the effort from design to implementation by leveraging microservices architecture on AWS cloud. The solution used:

- **Backwards compatible** contract-based services
- **Cost-effective** open source solutions
- **Reliable and Scalable** container technology
- **Resilient and Available** disposable services
- **High performing** purposeful caching
- **Reproducible, consistent, and continuously integrated** DevOps infrastructure



Implementation and Transformation

During Go-Live, CapTech **leads the effort with precise execution** using our Deployment Playbook. This document articulates how to execute by including the approach, roles and responsibilities, processes and procedures, management infrastructure, and all the other elements of a successful transformation.

We know that cloud transformations can be complex with many moving parts that impact large portions of the business. Things like cloud migration of data can be tricky, but we know that it's not enough to simply implement the technology. We ease your adoption using Organizational Change Management, making sure the value of your technology is fully realized.

Solution in Action

Big Data Cloud Solution

A Fortune 500 Energy Company sought to predict customers' energy usage by enabling data ingestion and analysis.

CapTech led the successful end-to-end transformation that included:

- **Development of a Big Data Solution** architecture roadmap
- **Implementation of a secure, scalable cloud solution** leveraging a Hadoop cluster to analyze data using RStudio server and SparkR
- **Delivery of a data integration and ingestion pipeline** across multiple data sources and generate analytical insights able to process several terabytes of data
- **Data Governance policy** for security, data requisition, roles, and responsibilities, data usage guidelines, and a metadata policy that allows expansion

MATURE with the Cloud

Realize and Optimize

Once you're up and running, we help you **realize the full value of the cloud**. Cloud environments provide robust collections of logs and metrics that we can leverage to increase efficiency and the overall resiliency of your businesses:

- **Monitoring and Metrics Plans** to measure performance and respond to failure in near real time
- **Chaos Engineering** to root out weaknesses and build confidence in your ability to withstand realistic and anomalous environmental conditions

Supplementing the technical aspects of the cloud, we take a holistic approach that considers all the implications of the cloud to your organization:

- **Governance models** to define what specific roles are responsible for what
- **Process engineering** to add, remove, or modify processes so they evolve with the organization

Solution in Action

Consolidated Best-of-Breed SaaS Implementation

A Global Research and Advisory Firm **couldn't effectively take advantage of market opportunities** due to CRM and ERP systems with data scattered across them and dispersed analytics. We consolidated the platforms, guided a best-of-breed SaaS implementation, then integrated data from the Salesforce, Workday, and on-prem systems for a 360-degree view of their customers and business.

Consolidating data from these systems combined with comprehensive analytics **removed limiters to company growth and reduced maintenance and support costs, enabling them to take advantage of fast-moving market opportunities.**



The CapTech Edge

Our talent is different. CapTech consultants not only have experience and certifications with Cloud technologies like Amazon Web Services (AWS), Microsoft Azure, Salesforce, and Google Cloud, but also bring passion and a commitment to excellence. We don't advocate one cloud service provider over another; we're technology agnostic. We recommend the best solution based on your unique needs by combining the diverse perspectives of:

- **Architects and Developers** familiar with designing for the cloud, who are masters of agile development
- **Business Solution Analysts** that support analysis for governance, security, and policy implications
- **Change Management Professionals** that support communication, training, and adoption of cloud technologies
- **Project Managers** that have experience leading cloud transformations from beginning to end



Partners for Success



CapTech is a national management consulting firm that bridges the gap between business and technology. We've partnered with the some of the world's most successful brands and government agencies to **design, develop, and manage technical and digital solutions** that delight customers, drive insights, and meet strategic goals.

Whether your organization is contemplating an initial move to the cloud, needs help with the back-end, or already uses cloud services extensively, CapTech will meet you where you are and help ensure that you get maximum value from the cloud.

We would love to hear from you. [Contact us](#) or call 844.373.4025.





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