

The logo features a stylized white icon on the left, resembling a gear or a cloud with a swoosh. To its right, the word "SHARP" is written in a large, bold, white sans-serif font. The word "TEK" is written in a smaller, white sans-serif font, positioned vertically to the right of "SHARP".

**SHARP** TEK

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EMBRACE THE CLOUD

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# Contents

1. About Company
2. Overview
3. Vision & Mission
4. Why are companies moving to the cloud?
5. Cloud migration concepts
6. Why migrate to Azure?
7. Security, compliance, management, & operational benefits
8. Our Success Story
9. Testimonials
10. Why Choose Csharptek?

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# Overview

- Csharptek is an end-to-end IT and cloud solutions-driven company based out of Ranchi, Jharkhand, India, and helps organizations/individuals solve their technological problems.
- Csharptek is an ISO 9001:2008 certified web/mobile app development company. It has ten years of rich experience in the data cloud solutions field.
- As an outsourced software service provider, we have expanded our footprint not just pan-India but in the international arena, too.
- Csharptek is a full-fledged software development and consultancy company in India, with an affinity for leveraging cloud-based platforms.
- We carefully analyze the requirements of the business and develop systems to help optimize the business, digitally.
- From modern and responsive web-design to strategically developed mobile and web applications are done here.
- We specialize in Microsoft & Cloud based Web Applications, Open-Source Applications, Mobile Applications, Native Android/iOS Apps.



## OUR VISION

Our aim is to solve sector-specific problems across devices, apps, and infrastructure using proven expertise in AI, MI, IoT and cloud solutions-driven.



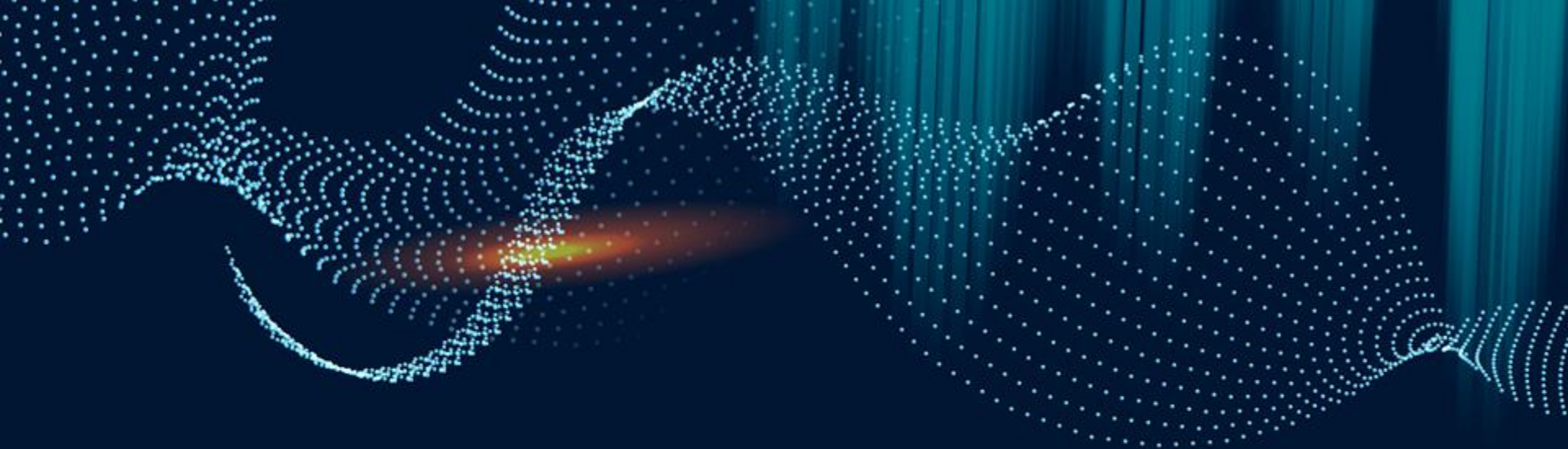
## OUR MISSION

To build the technology or cloud operation which is most convenient, secure, cost-effective for the clients.



## OBJECTIVES

To provide our client with best services and consultancy in given timeline. To dominate the world of digital transformation.



**01**

**Why are companies  
moving to the cloud?**

# Enterprises are accelerating digital transformation

## 50%

of organizations report that their workloads and data are in the public cloud, and they expect that number to increase in the coming year

## 66%

of surveyed organizations reported that their actual cloud usage in the past year has been higher than planned



### **Prioritize investment and people**

by fueling new growth initiatives to stay ahead of the curve



### **Remodel business operations**

by increasing supply chain efficiency and digital resilience for increased productivity



### **Build the right skills and culture**

by upskilling people and cultivating a community that embraces agility and innovation



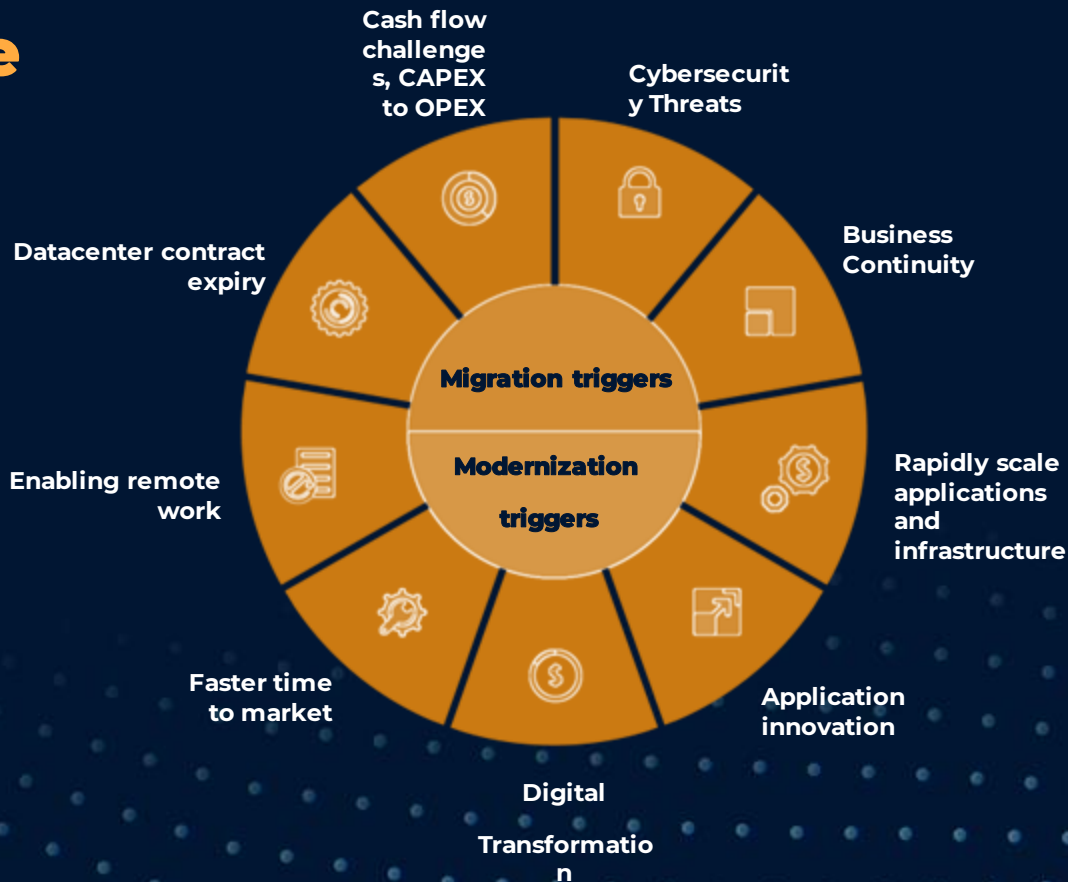
### **Reduce technical debt**

by accelerating IT and app modernization that aligns with your business objectives

## The next era of business is here

IT leaders are taking key steps to stay ahead of the curve.

# Why move now?



# Moving from CAPEX to OPEX?

Many organizations want to move to the cloud in order to move IT expenses from capital expenditures to operational expenditures.

## CAPEX

- + Can take advantage of amortization and depreciation of investments over an extended period.
- Requires large up-front investment leading to a lengthy approval process and higher risk.
- Difficult to estimate future needs—enterprises often have to overprovision to be on the safe side.

## OPEX

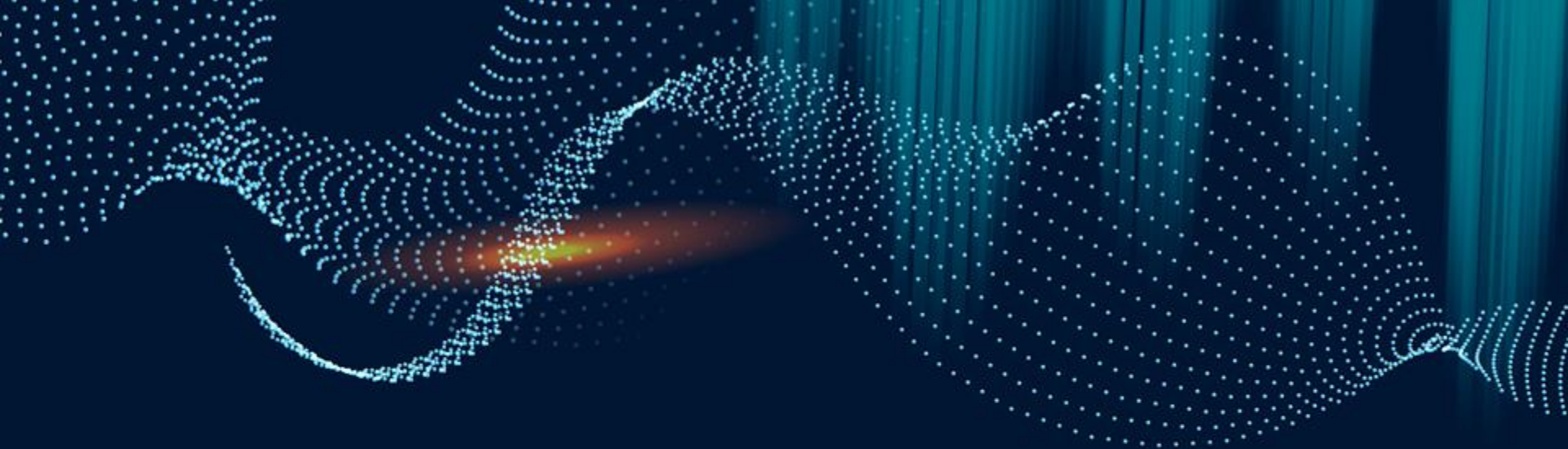
- + Pay-per-use allows enterprises to only pay for what they use and makes it easy to scale up or down.
- + Less investment, operating costs, and risk; speeds up budgeting process.
- Commitment-based models (locked in for a year or three years) diminish the benefits of OPEX.

IDC predicts that by 2023, 80 percent of organizations using the cloud will establish a FinOps function to optimize cloud resources and maximize value.

+ Positive  
S

- Negative  
S





**02**

**Cloud Migration  
Concepts**

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# Understanding cloud services:

## IaaS

### Infrastructure as a service (IaaS)

is an instant computing infrastructure, provisioned and managed over the internet. It quickly scales up and down with demand, letting you pay only for what you use.

### Advantages of IaaS

- Quickly set up and dismantle test and development environments.
- Improve business continuity and disaster recovery.
- Free up your team to focus on innovation rather than on IT infrastructure.

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# Common Migration Projects

Azure supports a variety of migration and modernization projects including dev/test environments, backup and data recovery, smaller apps, and apps with few dependencies. Here are some examples of common projects:

## Apps



## Databases



## Servers



## VMware



## SAP



## VDI



# Understanding Migration

From the process to the benefits, learn how and why IT leaders prioritize moving to the cloud.

## Defining migration



### On-premises

Applications, data, infrastructure



### Migration

Moving applications, infrastructure, and data from a company's datacenter to public cloud infrastructure



## Migration decision factors



### What is the immediate business need?

- Cost optimization, flipping CAPEX to OPEX
- Realize cloud benefits quickly.

### How hard is it to do?

- Complexity, level of skilling or retraining of staff needed
- Cost and resources needed to refactor or rebuild

### Longer-term business goals?

- Time to market, app innovation, productivity, app dev velocity

# Prioritizing cloud migration

## Where does your cloud adoption journey begin?

Depending if your apps are new, existing, or not custom-built, there's different options for how you proceed forward.



## Why to Migrate ?

- Reduce data centre footprint quickly
- Lower capital expenses
- Immediate compatibility—IaaS VMs
- Test, optimize to ensure cloud-readiness

# Migration Approaches

Different criteria will inform which approach is best for your business.

Approach	Description	Common Business Drivers	Quantitative Considerations	Qualitative Considerations
<b>Rehost</b>	Move workloads to virtual machines in the cloud with minimal change to overall architecture	<ul style="list-style-type: none"><li>• Reduce capital expense</li><li>• Free up datacenter space</li><li>• Achieve rapid ROI in the cloud</li></ul>	<ul style="list-style-type: none"><li>• VM size (CPU, memory, storage)</li><li>• Dependencies (network traffic)</li><li>• Asset compatibility</li></ul>	<ul style="list-style-type: none"><li>• Tolerance for change</li><li>• Business priorities</li><li>• Critical business events</li><li>• Process dependencies</li></ul>
<b>Refactor</b>	Make minimal changes to optimize for the cloud for IaaS environments	<ul style="list-style-type: none"><li>• Faster and shorter updates</li><li>• Code portability</li><li>• Greater cloud efficiency (resources, speed cost)</li></ul>	<ul style="list-style-type: none"><li>• Application asset size (CPU, memory, storage)</li><li>• Dependencies (network traffic)</li><li>• User traffic (page views, time on page, load time)</li><li>• Development platform (languages, data platform, middle-tier services)</li></ul>	<ul style="list-style-type: none"><li>• Continued business investments</li><li>• Bursting options/timelines</li><li>• Business process dependencies</li></ul>



**03**

**Why Migrate to  
Azure?**

## Future-proof your business with azure

- Innovate faster with a fully managed platform
- Enterprise-grade infrastructure for less
- Move on your terms with hybrid flexibility
- Protect your most valuable assets with trusted cloud security
- Comprehensive programs to help customers move with confidence

## Manage complex IT environments seamlessly as you move

IT investments may span cloud and on-premises for the foreseeable future. Azure hybrid cloud solutions can help reuse, manage, and govern assets across hybrid environments.



Single control plane with Azure Arc



Bring Azure services to any infrastructure



Modernize datacenters with Azure Stack



Extend to the edge with Azure IoT

## Navigate complex IT environments

Microsoft Azure is designed with a hybrid strategy to help you solve common challenges.

100s-1,000s of apps	Diverse infrastructure	Hybrid and multicloud
VMs Databases Containers Serverless  	Datacenters Branch office Hostes IoT devices Edge OEM hardware	

### Why choose a hybrid and multi-cloud strategy?

- Regulatory and data sovereignty
- Low latency and edge workloads
- Application and datacenter modernization
- Business continuity and resilience
- Freedom to use more than one public cloud

# 89%

of organizations use a hybrid or multicloud approach. Azure helps ease the complexity of managing and governing this type of environment.





**04**

**Security, Compliance,  
Management, &  
Operational Benefits**

## Security benefits

Safeguard your business assets with multilayered security tools.

Prepare for regulatory challenges with the broadest set of cloud compliance certifications from [Azure compliance offerings](#)

Secure and manage identities, connect your remote workforce, and protect your users from 99.9 percent of identity attacks using [Azure Active Directory](#)

### Security is foundational for Microsoft:



**\$1B+** annual investment

**3,500+** security experts

**8T+** signals analyzed for intelligence

## Compliance & management benefits

Azure helps customers with regulatory challenges with the right migration tools.

- Increase the efficiency and productivity of managing compliance tools, the compliance environment, and auditing.
- Reduce costs of compliance-related penalties.
- Improve agility in responding to new and ever-changing national and international regulations.
- Enhance the overall productivity of auditing and compliance teams as well as IT support.

**91** compliance offerings

**\$4.29** million/year

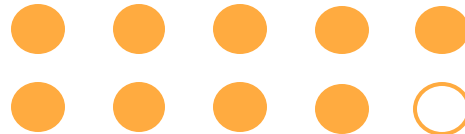
average value achieved by leveraging cloud IaaS for compliance\*

## Operational benefits

Expedite operational capacity while reducing IT overhead costs.

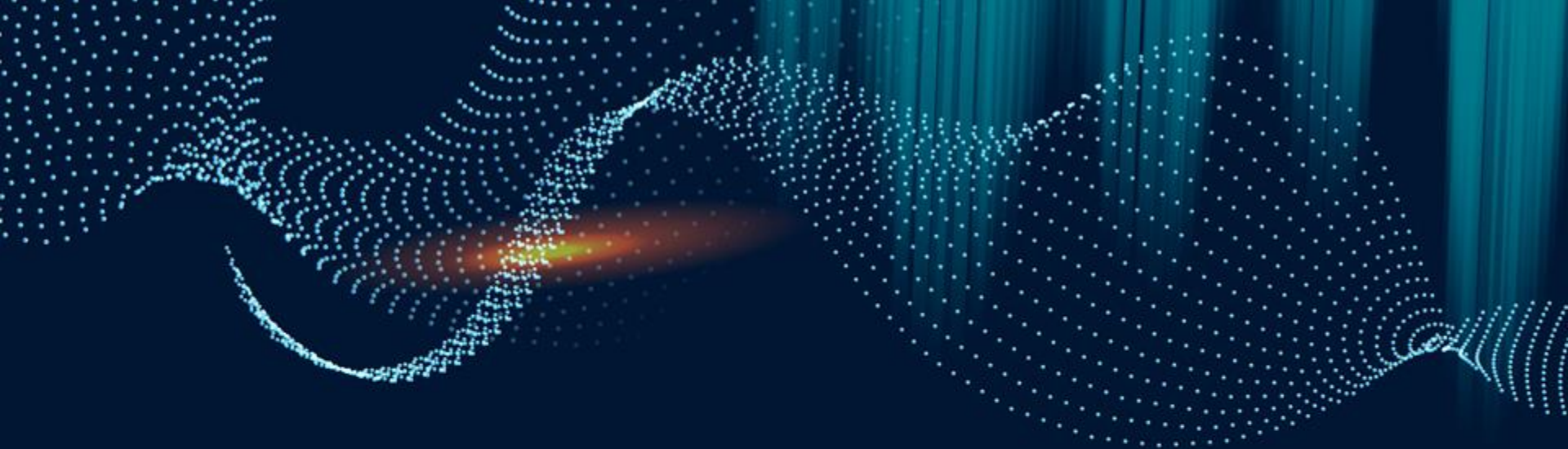
Gain efficiencies.

Raise reliability.



**90%**

Reduction in datacenter support needs by Year 3\*



**05**

**Our Success Story**

# Case Study

**Client:** Cloud-based Risk Management Software (SaaS) provider.

**Industry Domain:** Risk Management

**Technology:** Azure App Migration

**Location:** Canada



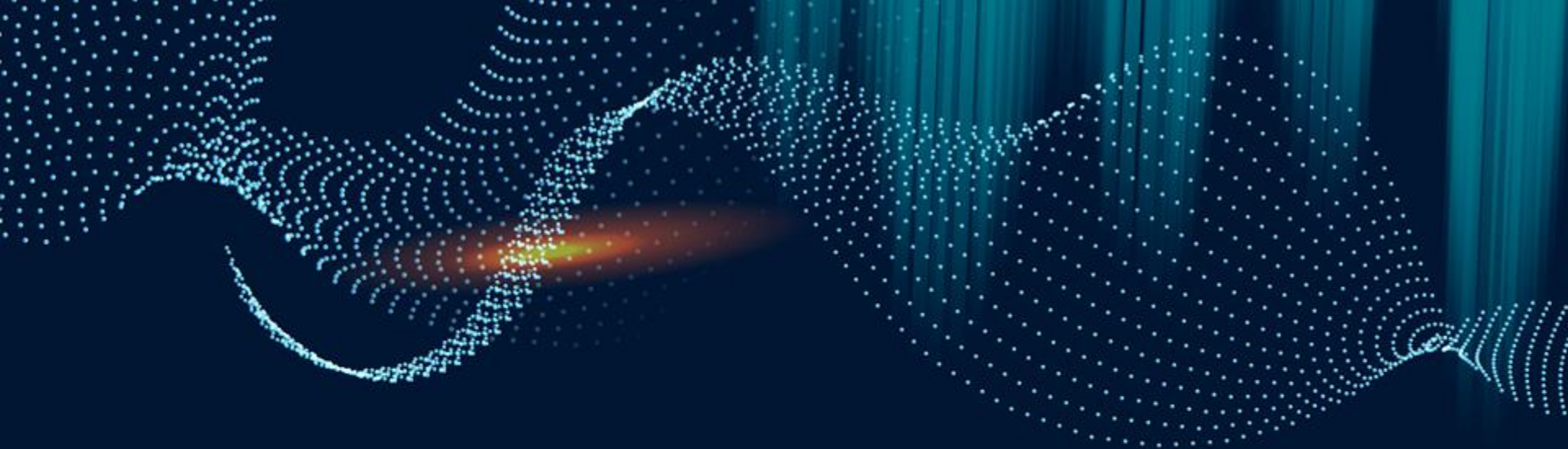
**Challenge:** High hosting costs, technical issues, limited content, disconnected applications, and no version control.

- Solution:**
- Azure App Migration: Migrated to Azure for cost optimization, scalability, reliability, and faster feature deployment.
  - Cost Reduction: Reduced monthly billing and Azure consumption costs.
  - Code Management: Utilized Azure DevOps for code and task management.
  - SEO Enhancement: Enhanced content, added keywords, and an introduction video.
  - Inter-linking: Linked the website to Azure Marketplace and other client utilities.

- Benefits:**
- Cost Savings: Significant reduction in hosting costs.
  - Efficiency: Improved code management and automation.
  - SEO Performance: Increased website traffic and ROI.
  - Integration: Seamless connection with other client tools.

**Conclusion:** Azure Migration transformed the client's business by enhancing flexibility, availability, scalability, customer engagement, global presence, and providing built-in security and disaster recovery.

Reads Now Our latest case study.... [\*\*Click Here\*\*](#)



**06**

**Testimonials**

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# Testimonials

## **Insurance Software Development for Insurance Company**

**" They think hard about how  
to deliver what we want in  
the best manner possible"**

## **Custom Software Dev for Business Consultancy Company**

**"They are talented, flexible in  
staffing and time  
management, and adapt  
easily to procedures and  
style of work."**

## **Custom Software Dev for Intellectual Property Company**

**"The quality of the work was  
always very good, and errors  
are quickly corrected"**



# 06 | Why Choose Csharptek

# Why Choose Csharptek?

**Experienced Development Team:** Skilled professionals with a proven track record.

**Cutting-Edge Technologies:** Embracing the latest tools and frameworks.

**On-Time Delivery:** Committed to meeting project deadlines.

**Seamless Communication:** Regular updates and transparent collaboration.





# THANKS!

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Do you have any questions?

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Thank you for considering Csharptek for your Azure Migration needs. We are excited to partner with you and bring your ideas to life!

**Contact us to discuss your Azure Migration needs and get a free consultation. Our team is eager to turn your ideas into reality!**