

READY FOR TRANSFORMATION WITH CLOUD?

Cloud Readiness
Assessment (CRA)



Cloud Readiness Assessment (CRA)

How ready are you for cloud? Let a partner with proven frameworks and expertise provide an executable and outcome-driven road map.

4

Cloud Architecture Review (CAR)

How are you doing on cloud? Get it audited by an expert to know how well-architected and optimized it is.

7

Cloud Compliance

Partnering with Minfy means you have at your command the most comprehensive compliance controls.

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CLOUD READINESS ASSESSMENT (CRA)

Ready for transformation with cloud computing?

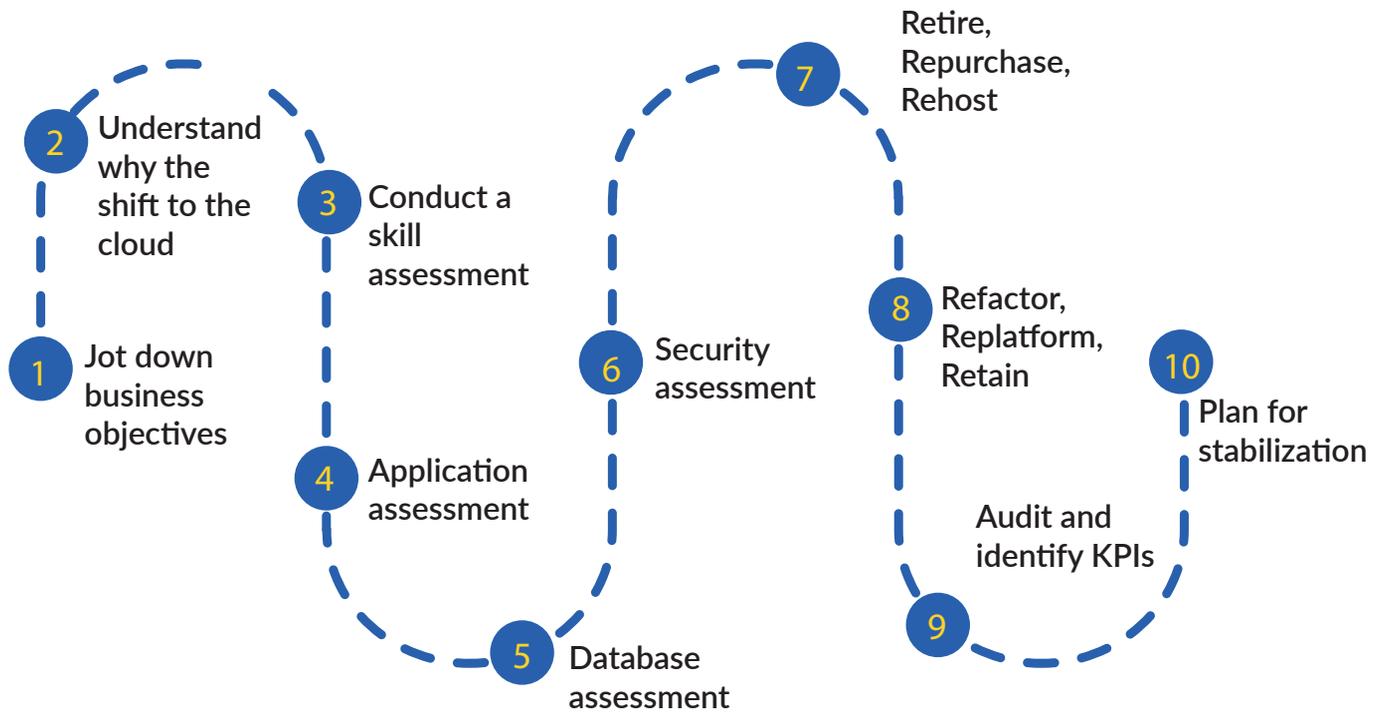
Businesses on the public cloud are faced with diverse challenges. Questions you need to ask are whether you are following the right design principles? Is the cloud architecture cost optimised and lastly is the infra secured? Layered to these is another level of needs – how to evolve once you are on the public cloud? Because only when you have continuous evolution you will be able to leverage all the cloud technologies optimally. To arrive at answers to all of these, you need a cloud services partner who has the proven frameworks and partnerships to provide an executable and outcome driven road map. Our partnership with Cloud Guard means that you will have a unified dashboard that gives you an inside and an overall picture of multi cloud assets and the services that come with it.

Visualization and assessment of security posture, misconfiguration detection, and enforcement of security best practices and compliance frameworks become possible. Pain free compliance and governance is also what we deliver with Cloud Guard.

We use Swayam to optimise cloud spend and increase operational efficiencies. The Swayam sits on top of the AWS environments. It provides customers complete visibility and control over their infrastructure.

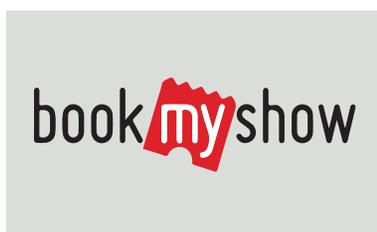
With Cloud Storz we deliver continuously optimised infrastructure. A unique machine learning solution that aids in efficient management of instances while reducing complexities and optimising costs.

With Minfy your cloud journey



“You need way finders in the cloud. Akin to a compass, which works well when you want to tread a chosen path.”

Our CRA Customers



THE WAY WE WORK

A Five-Step Model



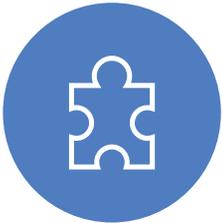
Discovery Audit and Review



Cloud readiness check - design, cost and security



Asset suitability assessment



Gap analysis



Roadmap development

Areas we address

Technology and business alignment

Expectations and outcomes

DevOps inputs

Existing infra audit

Capacity modelling

Migration frameworks

Security assessment

Compliance need gathering

Benefits



Clarity



Capex Opex Optimization



Business Agility



Targeted Automation Pathways

CLOUD ARCHITECTURE REVIEW (CAR)

Optimise your AWS environment in line with AWS best practices. Be Well Architected!



Cloud first, means architected first

Being on the cloud is not enough. It is critical to have the right understanding of state of the workload and get an insightful understanding of your cloud architecture and the related best practices. Your business should always have the optimal mix of infra, solutions and spends. Only then will you be able to take home the dividends of the cloud computing promise - of agility, scalability, responsiveness and business impact. Simply put, it is vital for businesses to align their workloads – measure and improve the steps and techniques, based on the business and technical objectives. To get a handle on all of this, you need a well architected and optimised cloud environment. Find out how with Minfy.

What is the CAR framework?

The AWS guided Cloud-Architected Framework describes the key concepts, design principles, and architectural best practices for designing and running workloads in the cloud. By answering a set of foundational questions, you learn how well your architecture aligns with cloud best practices and are provided guidance for making improvements.



Pillars
Principles



Design

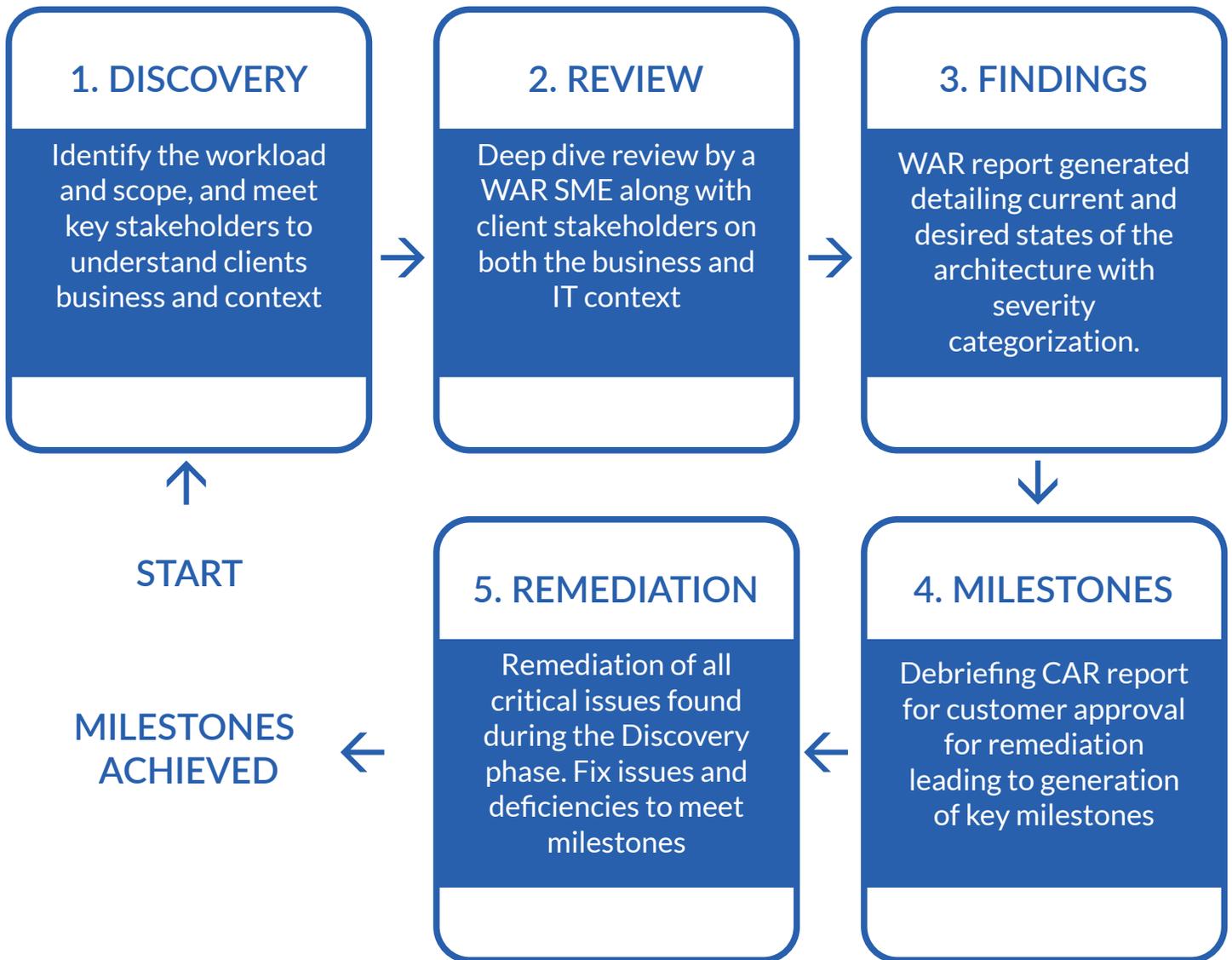


Questions

Why the CAR framework?

The framework is an action oriented one which helps businesses build and deploy infrastructure faster on the cloud. While doing so it helps in lowering and mitigating risks. The Framework delivers insights that enable informed decisions and as the cycle progresses teams end up learning and making AWS best practices as part of their customer driven culture.

How does CAR work



Customers gained from CAR

150+

Successful cloud optimization done globally

8 Hours

Time taken to get a comprehensive CAR done by Minfy

90%

CAR Customers leveraged AWS advanced services to improve their workloads

40%

Cost Savings by adapting the Minfy recommended Well-Architected Framework

Five Pillars of CAR

Operational Excellence Pillar



The operational excellence pillar focuses on running and monitoring systems to deliver business value, and continually improving processes and procedures. Key topics include automating changes, responding to events, and defining standards to manage daily operations.

Security Pillar



The security pillar focuses on protecting information and systems. Key topics include confidentiality and integrity of data, identifying and managing who can do what with privilege management, protecting systems, and establishing controls to detect security events.

Reliability Pillar



The reliability pillar focuses on ensuring a workload performs its intended function correctly and consistently when it's expected to. A resilient workload quickly recovers from failures to meet business and customer demand. Key topics include distributed system design, recovery planning, and how to handle change.

Performance Efficiency Pillar



The performance efficiency pillar focuses on using IT and computing resources efficiently. Key topics include selecting the right resource types and sizes based on workload requirements, monitoring performance, and making informed decisions to maintain efficiency as business needs evolve.

Cost Optimization Pillar



The cost optimization pillar focuses on avoiding unnecessary costs. Key topics include understanding and controlling where money is being spent, selecting the most appropriate and right number of resource types, analyzing spend over time, and scaling to meet business needs without overspending.

“Pillars are not merely symbols of strength. They are the ones which give stability and lead structures into posterity. Thoughts and plans are pillars too.”

Who benefits from CAR



Security

Lurking security issues get identified and remedial action suggested



Operations

Guidance on reducing the overhead in managing systems



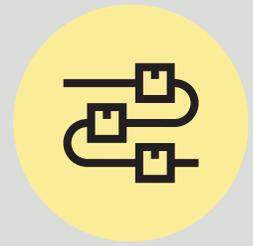
Product management

How to make application available on a continuing and purposive basis



Finance

Ideal pay-out benchmarking and insights



Customer support

Insights and advisory framework on improving response time to end customer impacting incidents

Our CAR Customers



Tailor-made plans

SILVER

Based on the customer priority any of the two pillars will be selected for the review, it will be a one day activity - 8 hours of remediation support will be provided.

GOLD

For Architectures with monthly spend of \$1-5,000. A2-Day of Architecture deep dive & RReview and 8 days of remediation delivered by a Minfy expert remotely

PLATINUM

For Architectures with monthly spend of \$5,000 -20,000. A3-Day of Architecture deep dive & Review and 20 days of remediation delivered by a Minfy expert in a both on-site and remote setup.

CLOUD COMPLIANCE

A person is shown from the side, working on a laptop. The image is overlaid with a blue tint and a semi-transparent checklist graphic with three items, each having a checkmark. The text 'Comprehensive compliance planning and execution' is written in white over the image.

Comprehensive compliance planning and execution

Partnering with Minfy means you have at your command the most comprehensive compliance controls. All the ones that AWS has, Minfy can make them work for you. Our teams and learnings across diverse customers can support a wide array of security standards including PCI-DSS, HIPAA/HITECH, FedRAMP, GDPR, FIPS 140-2, and NIST 800-171. We are well versed with satisfying the compliance requirements of large regulatory agencies across the globe. Talk to us and begin a well planned and robust compliance journey.

Why you need to pay extra attention to compliance

Cloud compliance begins the day you decide to move your data from your internal storage to elsewhere. Which in turn means you have to examine a host of challenges:

- Is the data being kept in compliance with the laws and industry regulations?
- Is your data being kept in alignment with local, national and international standards?
- Are your teams well-versed with the regulatory policies and procedures?
- How is the responsibility of compliance shared between the business and the cloud service provider?
- How do you keep track of the latest security controls?
- How best to automate compliance?

These will confront you from the day the cloud migration is done. In such a scenario, Minfy can play the role of a trusted partner and help you navigate the journey of shared responsibility across the compliance canvas.

What Minfy can do for compliance

1. Enable you to ask the right questions

- Where will our business data reside?
- Who is responsible for looking after it?
- To whom is the data visible?
- Is it a shared view?
- Is it going to be our people or a third party who manages the infrastructure?
- How secure is the cloud platform?

2. Leverage the AWS shared responsibility model

- Security and Compliance is a shared responsibility between AWS and the customer. This reduces the the customer's operational burden. When you have a Premier Partner like Minfy by your side you get the best of AWS with the greatest of visibility that we bring to the table. AWS operates, manages and controls the components from the host operating system and virtualization layer down to the physical security of the facilities in which the service operates. While your business assumes responsibility and management of the guest operating system (including updates and security patches), other associated application software as well as the configuration of the AWS provided security group firewall.
- AWS continually monitors and achieves third party validations for thousands of its compliance requirements.
- Your business can inherit the latest security controls. This in turn will strengthen your own compliance and certification programs. While reducing the cost an time to run your own assurance requirements.

- Reduction of risk and scaling up are operational certainties with the AWS activity monitoring services. Not a guarantee, they however help the business in detecting configuration changes and security events across the system. We could integrate these services to your existing solutions for simpler and speedier reporting.
- With the use of AWS Artifact, your business can gain access to more than 2500 security controls.

Here is a useful link on the Shared Responsibility Model.

<https://aws.amazon.com/compliance/shared-responsibility-model/>

Some of the most common frameworks

ISO/IEC 27001:2013

HIPAA

PCI DSS

GLBA

Here are some useful links for you to understand what minfy can deliver of you as a Premier AWS Partner.

<https://aws.amazon.com/compliance/programs/>

<https://aws.amazon.com/compliance/iso-27001-faqs/>

<https://aws.amazon.com/compliance/pci-dss-level-1-faqs/>

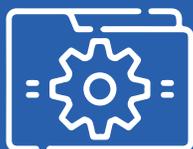
<https://aws.amazon.com/compliance/hipaa-compliance/>

Laws and Security

Cloud compliance as an overall concept is about complying with the laws and regulations that apply to using the cloud. This becomes even more of an imperative when there is cross country data processing on the one hand or strong local laws on the other. There could be an array of laws - data protection laws, data localization laws and data sovereignty laws. In addition, you may need to consider interception laws or access to information laws, which may enable Governments or others to access your data in the cloud. There could also be a situation where multi-country laws may also apply.

There is a significant overlap between security and compliance. Security is a companion to compliance. Some of the areas Minfy can impact are:

Governance



- Preset controls to protect your sensitive data
- Asset management - taking stock and defining all configurations to prevent vulnerability
- Structure, ownership, and responsibilities
- Financial controls

Change Control



Identity and access management (IAM) covering:

- Continuous monitoring of root accounts
- Define access and privileges
- Effective credential and key management policies

Continuous Monitoring



- Monitoring aids audit readiness.
- Protect logs with encryption
- Define metrics and alarms

Vulnerability Management



- Continuous analysis of software
- Keeping a watch on introduction of third party entities
- Identifying and remediating

Reporting



Reporting establishes historical proof of compliance. They are your compliance footprint.

- Maintaining complete timeline of events
- File management, securing the information storage and retrieval



Our Compliance Customers



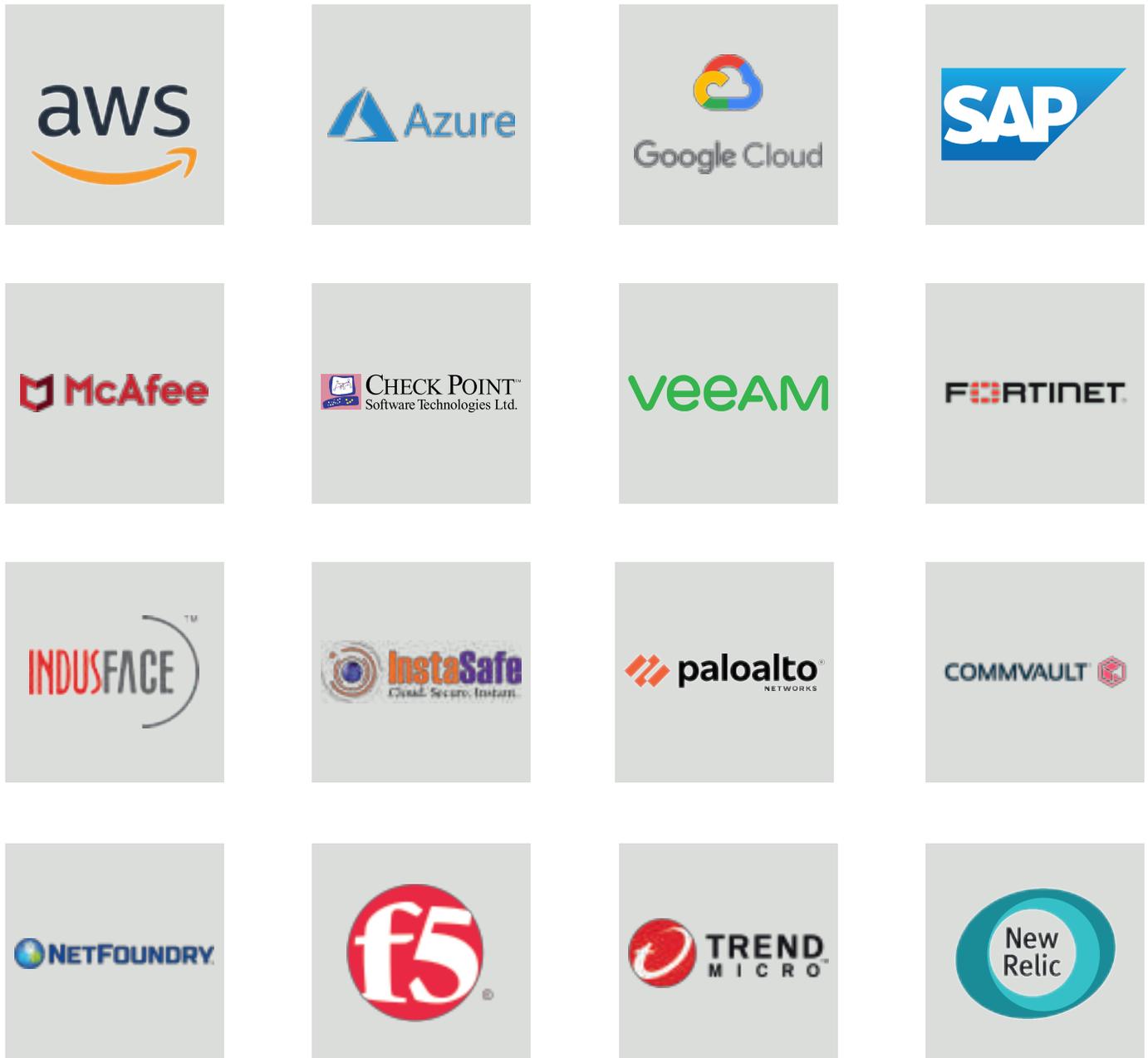
VFS.GLOBAL

Minfy view finder

- Bionic
- Agile
- Always On, Always Available
- Multi-Industry Specialization
- Customized Method of Delivering Real Business Impact
- Complete Suite of Cloud Services & Solutions



Our leading industry partnerships



Founded in 2016. Today we are

320

Active customers

153%

Growth rate

Offices

India

Hyderabad, Bengaluru, Mumbai, Kolkata, New Delhi & NCR, Ahmedabad

APAC Regional

Kuala Lumpur, Malaysia

USA

Delaware

25

Industry leading partnerships

Solid talent

275+ highly qualified professionals operating from multiple facilities , 125+ AWS Certifications, AWS Foundational Certified Individuals 14 , AWS Technical Certified Individuals 53 , AWS Technical Certified Individuals - Pro or Specialty 21

Premier status

600+ AWS accounts launched since inception, 10000+ Cloud Consulting Hrs,

100+

Cloud Training & Discovery Workshops

Pioneering strides

450+ Cloud Implementation & Migrations, 30+ SAP HANA migrations

Recognitions

2020 Consulting Partner of the Year

2020 Worldwide Public Sector award

2020 CRN Excellence award

2019 Differentiation Partner of the year

Our Competencies

 <p>Premier Consulting Partner</p> <hr/> <p>Migration Competency Education Competency SAP Competency DevOps Competency Microsoft Workloads Competency</p>	 <p>Premier Consulting Partner</p> <hr/> <p>Well Architected</p>	 <p>Premier Consulting Partner</p> <hr/> <p>Public Sector Partner</p>	 <p>Premier Consulting Partner</p> <hr/> <p>Migration Competency</p>	 <p>Silver Application Development Gold Cloud Platform</p>
 <p>Premier Consulting Partner</p> <hr/> <p>Channel Partner</p>	 <p>Premier Consulting Partner</p> <hr/> <p>Amazon CE2 for Microsoft Windows Server</p>	 <p>Premier Consulting Partner</p> <hr/> <p>Immersion Day Partner</p>		

Certifications and Badges

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