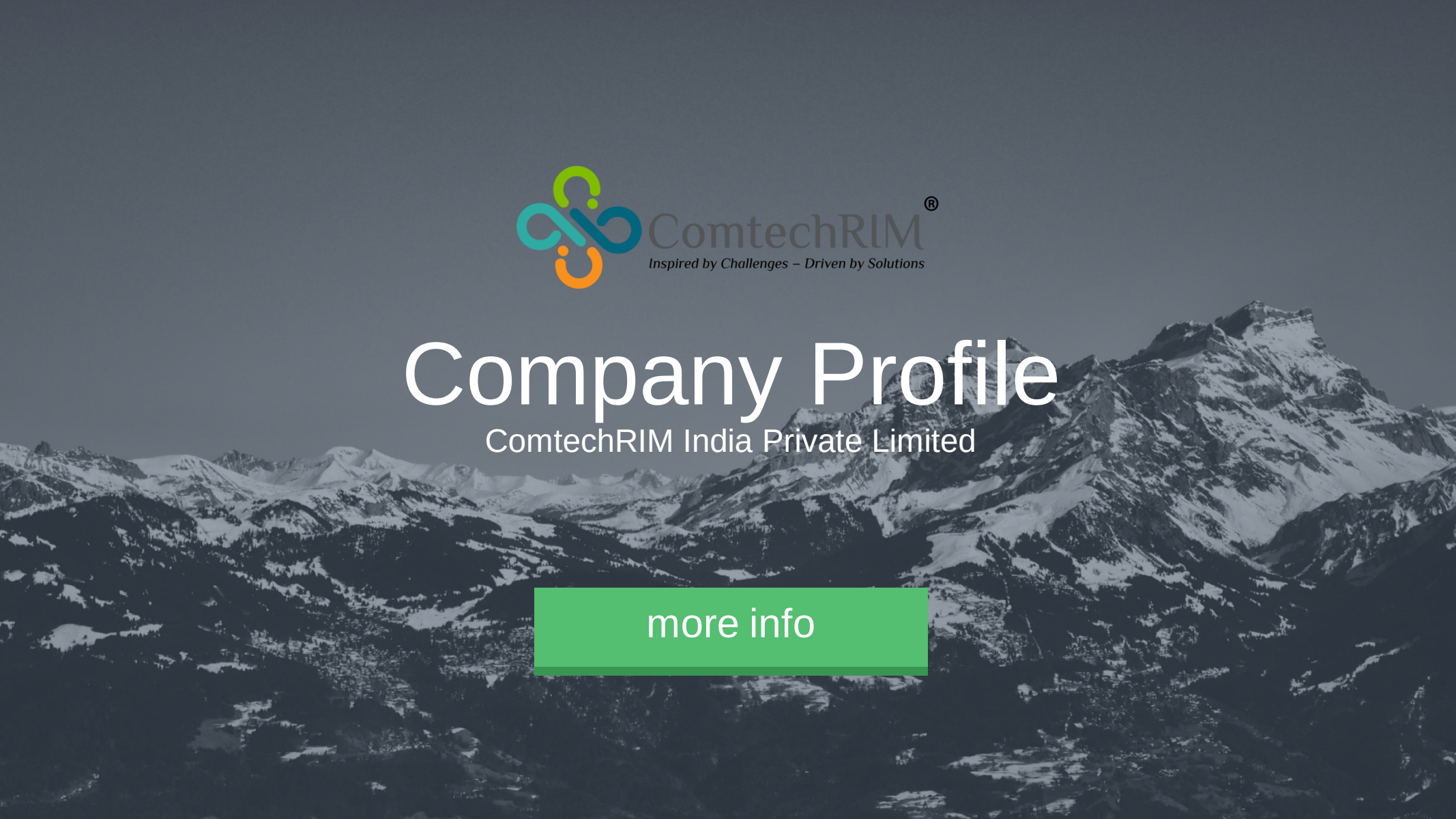

ComtechRIM®
Inspired by Challenges – Driven by Solutions
Company Profile
ComtechRIM India Private Limited
more info

About Us

Registration

ComtechRIM India Private Limited got registered on 26th Oct 2012 as an IT Infrastructure and Services provider.

Our Culture

At ComtechRIM, is short for **Com**puting **Tech**nologies and **R**emote **I**nfrastructure **M**anagement. We all come to work everyday to get inspired by new challenges and determined to create solution that reduce the cost and risk of ownership for businesses. For us, these are not just words.

What piece of the puzzle are we ?

Our process are engineered to seamlessly integrate with your processes. We adapt and we learn to accommodate your requirements and ensure successful delivery of services. We are your IT partners.

ComtechRIM®
Inspired by Challenges – Driven by Solutions

Microsoft Partner
Silver DevOps
Silver Application Development

About Us

Mission

Is to become an IT Services company that is not just business in its own right but an extension of our clients business environment

more info

Vision

- Build business practices that serve the customer while being a responsible member of the IT Business community

more info

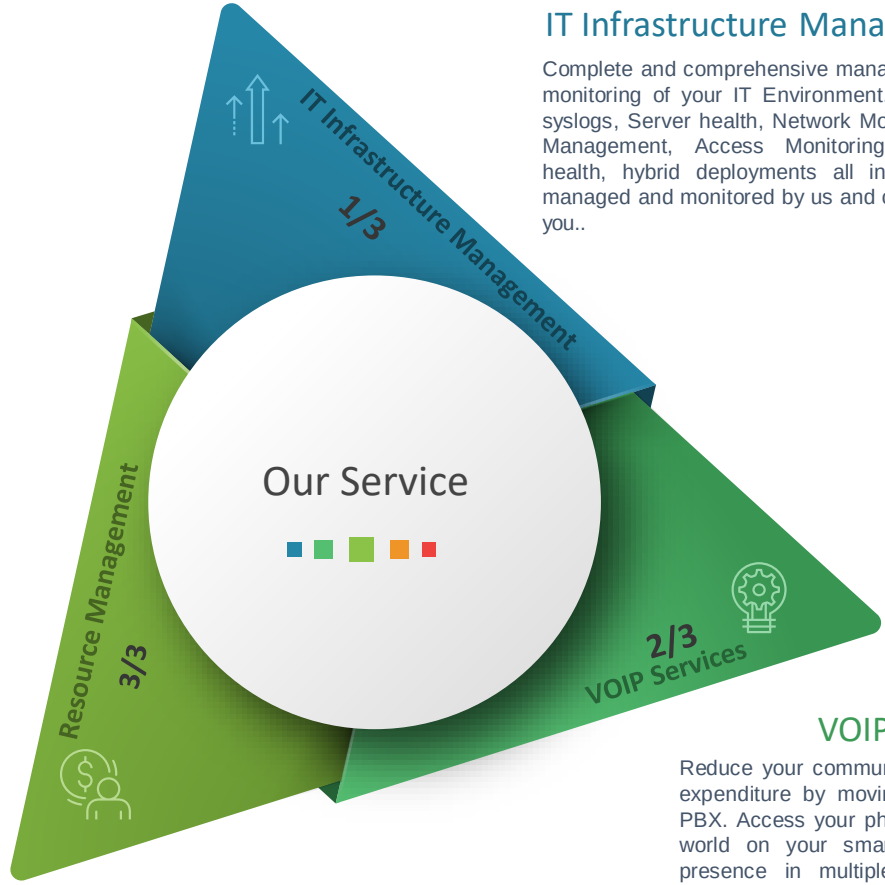
Values

- Be Transparent
- Don’t compromise on integrity
- Continuous Improvement
- Collaborate with clients
- Be accountable

more info

IT Infrastructure Management

Complete and comprehensive management and monitoring of your IT Environment. Automated syslogs, Server health, Network Monitoring and Management, Access Monitoring, Database health, hybrid deployments all in one place managed and monitored by us and controlled by you..



Resource Management

Recruitment, IT Staff, Project based staffing with personality, psychometric and per-employment assessments all in one place for our clients. We also do complete comprehensive background check of employees for our clients

VOIP Services

Reduce your communications overheads and capital expenditure by moving to cloud based and hosted PBX. Access your phone lines from anywhere in the world on your smart phones and laptops. Have presence in multiple countries without having a physical office in those countries. Give your prospective clients and customers a local number to call you on.

ComtechRIM®
Inspired by Challenges – Driven by Solutions

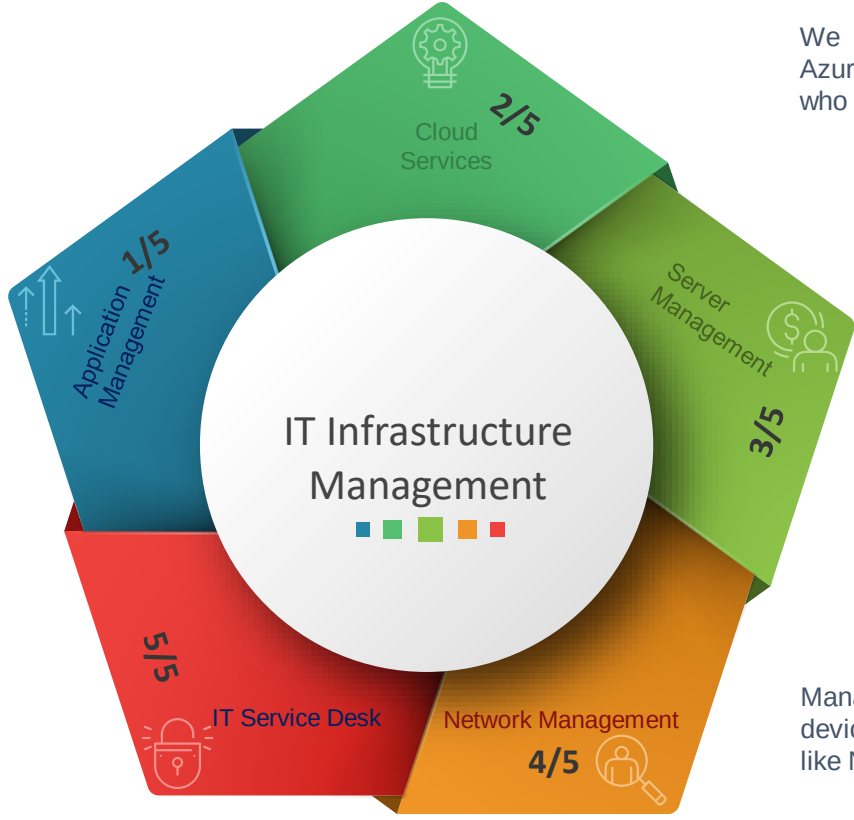
Microsoft Partner
Silver DevOps
Silver Application Development

Application Management

Deployment to migration and upgradation of Application like Exchange Server, Active Directory, SQL Server and more

IT Service Desk

End to end management of IT Service desk. We provide qualified resources and implement IT Service desk best practices based on ITIL



Cloud Services

We Design, Provision, and Manage Azure cloud infrastructure for clients who are planning to move to cloud.

Server Management

Deploy, Manage, Monitor and Maintain Server infrastructure on Cloud.

Network Management

Manage and monitor all network devices and resources through tools like Nagios

ComtechRIM®
Inspired by Challenges – Driven by Solutions

Microsoft Partner
Silver DevOps
Silver Application Development

Application Management

1 DevOps Implementation

Using Azure we implement DevOps best practices depending on client requirements and application needs

2 URL Monitoring

We setup URL monitoring from different datacenters in different parts of the world to give you live monitoring with insights to your application reachability.

3 Application Response Time

Time it take for your application to load has a direct impact on user satisfaction. We deploy tools and algorithms to monitor and report any deviation from accepted thresholds

4 Scalability Monitoring

Application running on cloud platform are cost effective if they are scalable. If scalability logic is not adjusted as per requirements you will end up with more or less instances than you need to handle traffic

5 Application Log Monitoring

This is one of the key security and performance management parameters. Proactive Log monitoring helps in identifying issues before they become an incidents.

6 Performance Management

Application performance is a critical success factor for any organization. We setup proactive application monitoring to identify potential issues through Nagios.

7 Lifecycle Visibility

We Implement Nagios or Dynatrace o provide our clients with Actionable insights into Infrastructure lifecycle

8 Application Error Rates

Keep track off all web requests and responses that ended as error. Track all logged exceptions for your improvement initiatives and get a clear insight into performance issues

9 Server CPU Monitoring

If the CPU utilization is very high it sure that the application performance will adversely suffer. Monitoring CPU utilization will help in scaling the server resources accordingly

0 NOC Dashboard

No need to wait for a ticket or problem to be logged before taking action. Visualize all Key Success Factor for your infrastructure on an optimized dashboard.

ComtechRIM®
Inspired by Challenges – Driven by Solutions

Microsoft Partner
Silver DevOps
Silver Application Development

Cloud Services

1 Infrastructure Design

Depending on the organization structure we design complete cloud infrastructure for our clients

2 DevOps on Cloud

Manage and control development lifecycle with in-depth visibility into CI/CD pipelines on Azure Cloud. Use VSTS to bring your team together to collaborate and implement DevOps best practices.

3 PaaS

Platform as a service allows customers to develop, run, and manage applications without building and maintaining the infrastructure. We assist our clients with deployment of such services

4 Cloud Migration

We assist our clients in increasing ROI and reduce cost of scalability. Migrating to the cloud can be a daunting task. We prepare in-depth study and plan before the process begins

5 ;

Infrastructure as a service helps organizations reduce cost of ownership and wastage. We assist organizations deploy complete datacenter infrastructure an cloud

6 Cloud Hosted Applications

Give your employees and customers the freedom to access applications critical to your success while scaling up or down as and when required in turn saving cost without compromising performance

7 Backup and Storage Strategy

cloud storage solution for modern data storage scenarios. Azure Storage offers a massively scalable object store for data objects, a file system service for the cloud, a messaging store for reliable messaging, and a NoSQL store

ComtechRIM®
Inspired by Challenges – Driven by Solutions

Microsoft Partner
Silver DevOps
Silver Application Development

Azure DevOps

1

Azure Boards

Deliver value to your users faster using proven agile tools to plan, track and discuss work across your teams.

2

Azure Pipelines

Build, test and deploy with CI/CD which works with any language, platform and cloud. Connect to GitHub or any other Git provider and deploy continuously.

3

Azure Repos

cloud-hosted private Git repos and collaborate to build better code with pull requests and advanced file management

4

Azure Test Plans

Test and ship with confidence using manual and exploratory testing tools.

5

Azure Artifacts

Create, host and share packages with your team and add artifacts to your CI/CD pipelines with a single click.

ComtechRIM®
Inspired by Challenges – Driven by Solutions

Microsoft Partner
Silver DevOps
Silver Application Development

Azure Container Services

1 Azure Kubernetes Service (AKS)

The fully managed Azure Kubernetes Service (AKS) makes deploying and managing containerized applications easy. It offers serverless Kubernetes, an integrated continuous integration and continuous delivery (CI/CD) experience and enterprise-grade security and governance. Unite your development and operations teams on a single platform to rapidly build, deliver and scale applications with confidence

2 Service Fabric

Build and operate always-on, scalable, distributed apps

- Simplify microservices development and application lifecycle management
- Reliably scale and orchestrate containers and microservices
- Data-aware platform for low-latency, high-throughput workloads with stateful containers or microservices
- Run anything – your choice of languages and programming models
- Scales up to thousands of machines

3 Azure Repos

cloud-hosted private Git repos and collaborate to build better code with pull requests and advanced file management

4 Container Instances

Deploy containers to the cloud with unprecedented simplicity and speed—with a single command. Use ACI to provision additional compute for demanding workloads whenever you need. For example, with the Virtual Kubelet, use ACI to elastically burst from your Azure Kubernetes Service (AKS) cluster when traffic comes in spikes.

5 Container Registry

Build, store, secure, scan, replicate and manage container images and artifacts with a fully managed, geo-replicated instance of OCI distribution. Connect across environments, including Azure Kubernetes Service and Azure Red Hat OpenShift and across Azure services like App Service, Machine Learning and Batch.

Server Management

1 Monitoring Tools

We Sell and deploy Nagios for our clients. We implement end to end server management on Nagios Platform to manage servers in your infrastructure

2 Disk Monitoring

We have seen a lot of cases where lack of proactive disk monitoring and management as created unnecessary down time and performance issues. Get ahead of such incidents through threshold based monitoring.

3 Log Analytics

Every IT technician knows how much time and effort goes into analyzing GBs of logs to identify root cause to a problem. Nagios creates a trouble ticket with the relevant log information to save you time and money

4 Managed Remote Monitoring

We implement, Manage, and Monitor all your devices as a service. No need to spend time or hire trained resources with years of experience on these technologies. We do it for you and do not need any visibility into your data

5 CPU Monitoring

Get in-depth statistical data on CPU Utilization and performance for your applications and other server infrastructure

6 Memory Monitoring

Capture and Fix memory leaks and utilization issues with proactive monitoring before it become an issue. Get log analytics to show memory utilization trends.

7 Service Monitoring

Monitor mission critical services running on your server and get an email / trouble ticket routed to the right person in case of any interruption. Automatically setup service start, stop or restart in case of issues.

8 Server Upgrade

Microsoft announces product roadmaps regularly, which means some product versions go on End Of Support and it becomes important to upgrade or migrate to the latest versions. We can assist in all such requirements

Network Management

1 Router Monitoring

Routers can be monitored via SNMP v1, 2c, or 3. Thousands of different network devices are enabled by default for this type of monitoring. You can easily monitor Port utilization on the router as well as the current port status.

2 Lan Monitoring

Visualize the LAN for problems caused by network connections problems, overloaded servers, or other devices. Easily able to monitor LAN availability, uptime of switches and routers on the LAN.

3 NAS Monitoring

Implementing effective NAS monitoring enables Advanced planning for system upgrades. Fast detection of storage subsystem problems. Early detection of potential future failures with Reduced risk of unexpected downtime

4 Firewall Monitoring

Get clear insight into traffic coming in and going out of your firewall. Per port status. Link status and lots more

5 NetFlow Monitoring

provides an in-depth look at all network traffic sources and potential security threats allowing system admins to quickly gather high-level information regarding the health of the network as well as highly granular data for complete and thorough network analysis.

6 Switch Monitoring

Switches can be monitored via SNMP v1, 2c, or 3. We monitor the following metrics for each port on the switch

- ifInUcastPkts
- ifOutUcastPkts
- ifInNUcastPkts
- ifOutNUcastPkts
- Many more

7 Bandwidth Monitoring

Implementing effective monitoring of bandwidth to Easily find over utilized ports. Discover possible network abusers. Ability to track per-port bandwidth utilization and errors. Fast detection of outages

8 ICMP Monitoring

Check infrastructure reachability through ICMP Monitoring. Find out about intermittent service outages that are puzzling and difficult to troubleshoot

9 Visualization and Reports

Enhanced Auto Discovery Features. Determine unresponsive machine and alert staff immediately Comprehensive Reports. Fast detection of network outages and protocol failures

0 NOC Dashboard

No need to wait for a ticket or problem to be logged before taking action. Visualize all Key Success Factor for your infrastructure on an optimized dashboard.

ComtechRIM®
Inspired by Challenges – Driven by Solutions

Microsoft Partner
Silver DevOps
Silver Application Development

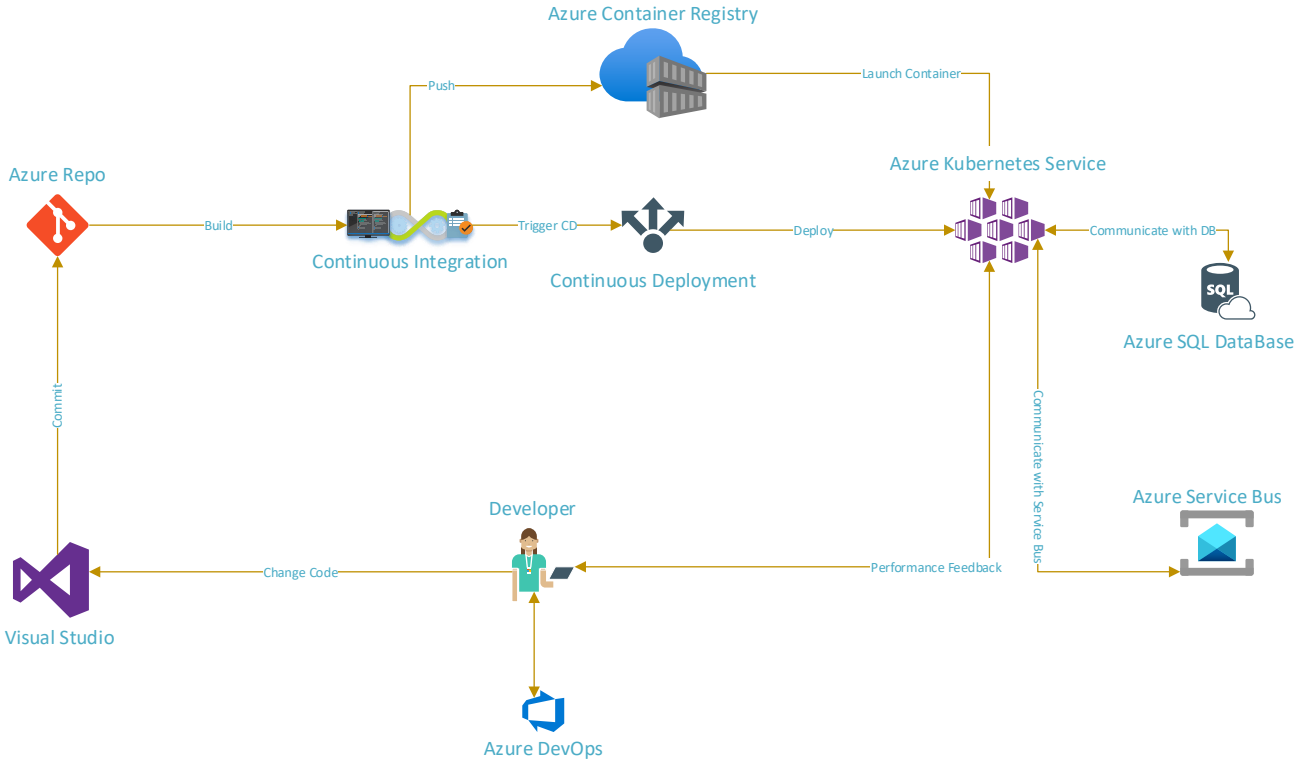
IT Service Desk Implementation

ComtechRIM®
Inspired by Challenges – Driven by Solutions

Microsoft Partner
Silver DevOps
Silver Application Development

Our Latest Project

Publisher Subscriber Application Deployment to Azure Kubernetes Service with DevOps



In this project we assisted our client in moving their application to Azure by deploying end to end DevOps process with Automated Azure Pipelines.
Deployment of AKS, ACR and Azure Service Bus was done through ARM Templates which is also a part of the build and release pipelines so that any change in the infrastructure that is needed after the performance feedback can also be a part of the same Build and Release rather than a separate process.
AKS hosts two applications, one for publisher and one for subscriber that communicate with the service bus and the subscriber, after, processing the messages from the topics stores the data into the SQL Database

Azure Services Used :-

- Azure DevOps
- Azure Service Bus
- Azure Kubernetes Service
- Azure SQL Database
- Azure Container Registry
- Docker

ComtechRIM®
Inspired by Challenges – Driven by Solutions

Microsoft Partner
Silver DevOps
Silver Application Development

Thank you

We would love to hear from you

for Recruitment and staffing requirements recruit4us@comtechrim.com
for IT Infrastructure Management Services ITIMS@comtechrim.com
For other services crimsales@comtechrim.com
Or Call us on +919899975065