

CloudOps Solutions & Services



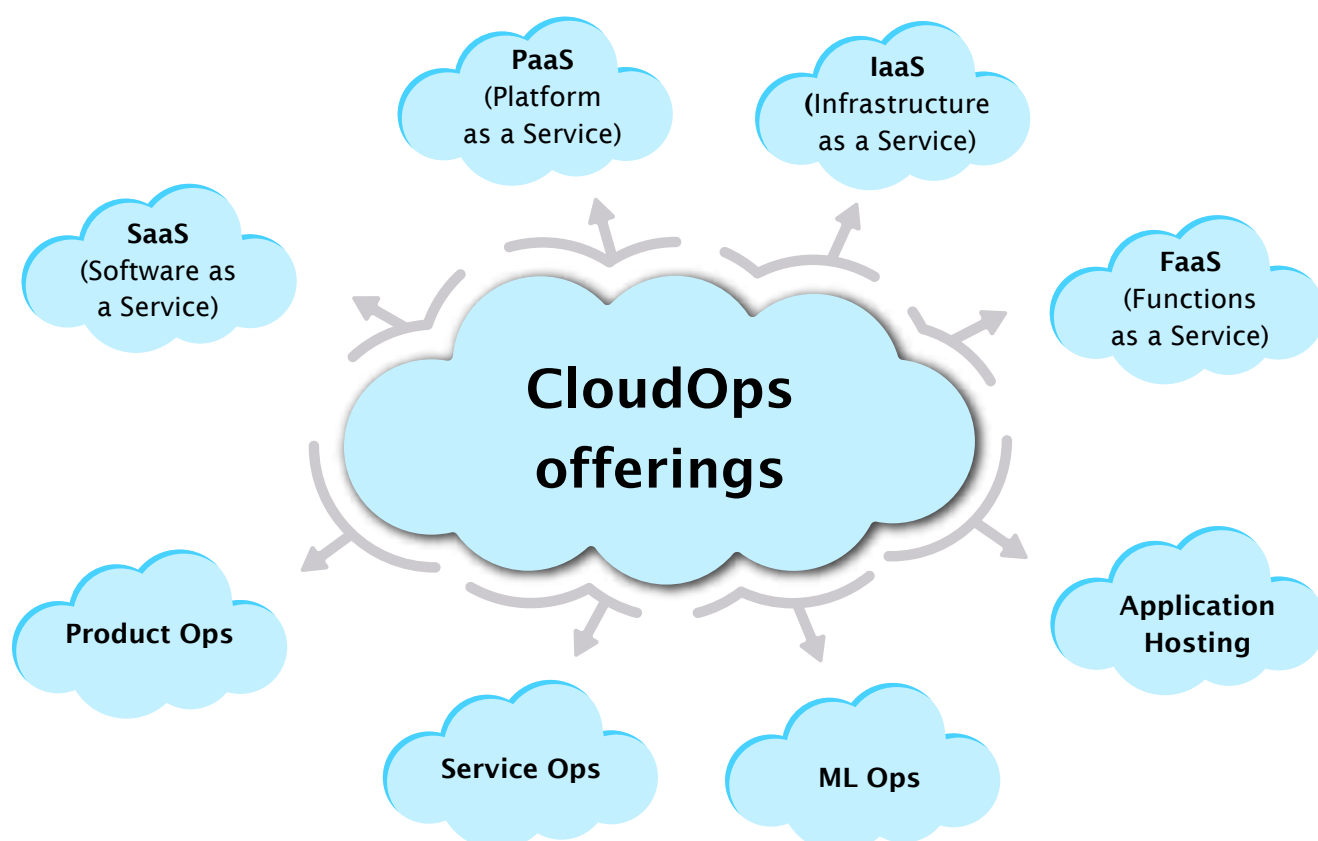
In today's competitive business landscape, organizations world over are looking at Technology Solutions to optimize and reduce their financial outlay. There has been a major inclination and shift towards CloudOps implementation for better flexibility, scalability and integration of operations through Cloud Platforms.

Cloud Operations or 'CloudOps' refers to the formalization of best practices and procedures that allow cloud-based platforms, datasets and applications to function optimally and continuously, aimed at attaining zero-downtime in enterprise-wide systems and processes.

The Excelra advantage springs from our deep domain Life Science experience built over 18 years in working with the top 15 of the 20 global Pharma organizations.

An end to end suite of CloudOps offerings

Excelra provides a client customized end to end Cloud services. The CloudOps service platform encompasses Cloud Data Lake setup and Migration, Cloud Infrastructure setup and Management, DevOps and DevSecOps, ML Ops, Product Ops and Application Maintenance Service Ops. The Excelra Cloud Platform ensures the solutions are flexible, scalable, distributed and possess high tolerance against faults and latency. Data redundancy is also minimized by the Cloud services platform.



SaaS (Software as a Service)

Web applications

PaaS (Platform as a Service)

Platforms to support storage and caching of files

IaaS (Infrastructure as a Service)

Cloud-hosted servers through services such as AWS, GCP, or Azure.

FaaS (Functions as a Service)

Serverless applications such as AWS Lambda, Azure Functions, or Google Cloud Functions

Application Hosting

A hosting solution that allows applications to be available from a remote cloud infrastructure which can be accessed globally through internet

ML Ops

An Integrated framework implementing and automating Continuous Integration (CI), Continuous Delivery (CD), and Continuous Training (CT) for Machine Learning (ML) systems along with maintaining and managing MLSecOps (ML Security Ops) as a methodology in each of the processes

Service Ops

Monitoring services, resolving incidents, fulfilling requests and carrying out operational tasks. It covers, Incident management, Event management, Request Fulfillment, Access management, Problem Management, Support Implementation and management of third-party tools and applications and managing the admin and ticketing process

Product Ops

To monitor and manage the complete development process and detailed RCA and solution for all stop gaps.

Our Expertise



Blind spots identification



Key Performance Indicators (KPIs)



Cost effective



Chaos testing



Centralized visibility



End-user monitoring



















Optimized alerting

Our diverse experience in Cloud Ops Tools



Excelra's CloudOps - ECO (Under design)

Excelra's Technology Service Portfolio

Enterprise Data Strategy 	Enterprise Cloud Ops 	Enterprise Digital Transformation 
<ul style="list-style-type: none">  Metadata & Master data management  Semantic data catalogue, Ontology mapping and Data dictionary integration  Data unification strategy  Automated data ingestion, Pipeline creation and Semantic integration 	<ul style="list-style-type: none">  Cloud migration, Infrastructure set up and management (AWS & Azure)  DevOps & DevSecOps/ MLOps & MLSecOps  Product Ops & Service Ops  Data lake creation and Integration support 	<ul style="list-style-type: none">  Scientific product development  Platform/Application development  Process automations  Enterprise workflow integration  Visualisation and Dashboarding as a service

Clients



Pharmaceuticals



Biotech



Research and Academia



AI/ML Driven Drug Discovery Companies



Contract Research Organizations

For more information, visit <https://www.excelra.com/technology>



About Excelra

Excelra's data and analytics solutions empower innovation in life sciences across the value chain from discovery to market. The Excelra Edge comes from a seamless amalgamation of proprietary curated data assets, deep domain expertise and data science. The company's multifaceted teams harmonize and analyze large volumes of disparate unstructured data using cutting-edge technologies. We galvanize data-driven decisions to unlock operational efficiencies to accelerate drug discovery and development. Over the past 18 years, Excelra has been the preferred data and analytics partner to over 90 global clients including 15 of the top 20 large Pharma companies.