

TAKE Solutions' Offering of Oracle Argus on cloud based multi-tenant platform for mid-sized life sciences customers at affordable cost

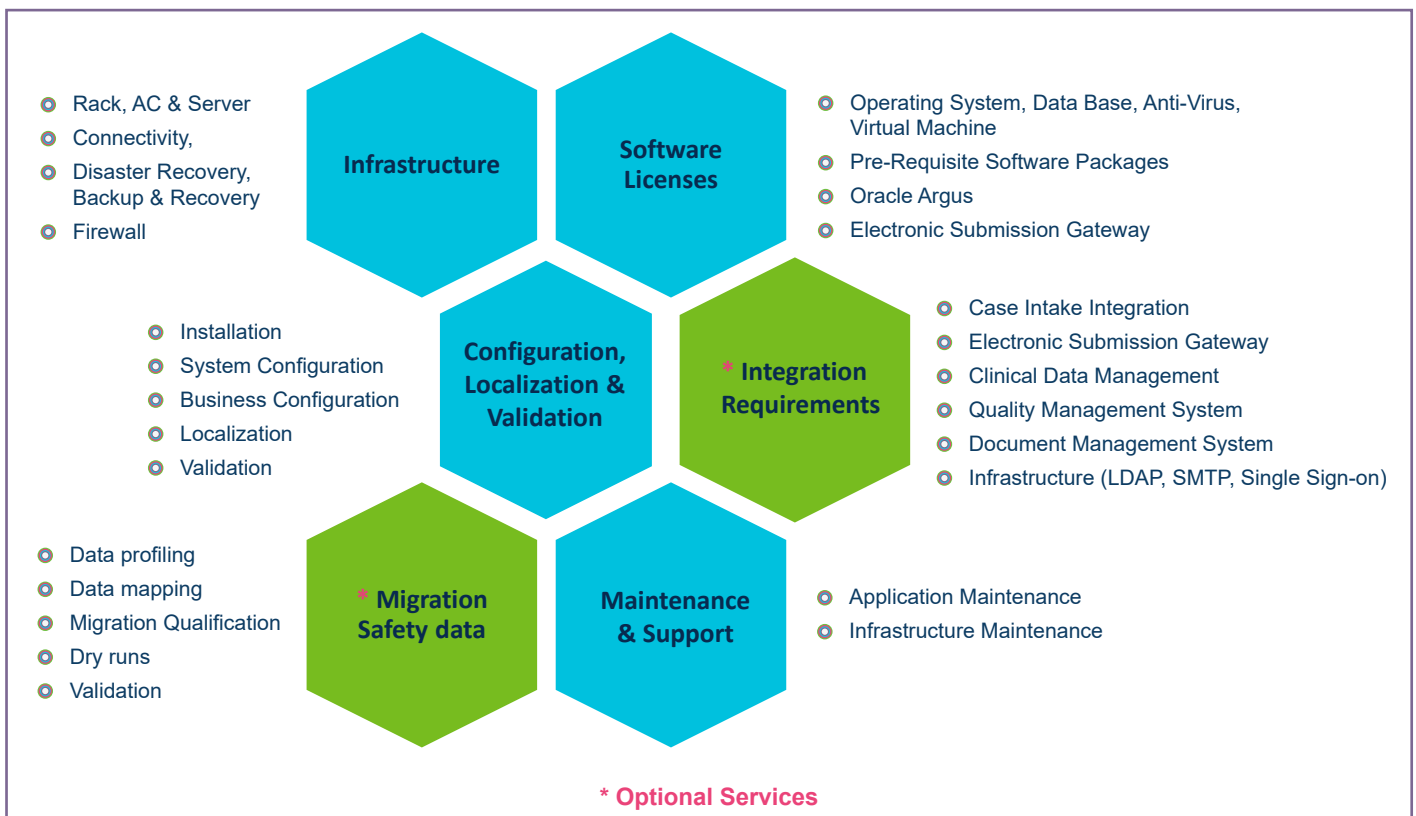
- **Savings:** Up to 50% cost savings compared to on premise or even cloud implementations
- **Speed to market:** Typical set up reduces implementation time lines by a third
- **Support:** 24x7 support based on stringent SLAs
- **Secure Hosting:** Lives up to EU data protection regulations
- **Fully Scalable:** Solutions that meets your needs as it grows

Pharmacovigilance (PV) operations of mid-sized life sciences companies are facing challenges to keep the pace at which the regulatory authorities are updating the compliance requirements (e.g. E2B R3). It is difficult to keep manuals and home grown systems updated, hence it is imperative to have a PV system that meets current needs as well as scale for the future. Hence, they also require guidance in terms of understanding the PV mandates, setting up PV operations, writing SOPs, training staff and more. They need a best-in-class safety system implemented at an optimal total-cost-of-ownership. Medical authorities continuously update regulatory compliance requirements (e.g. E2B R3).

Oracle Argus is the best solution available in the market, as it improves global compliance, increases efficiency of safety operations, enhances case quality that allows companies to make faster, more informed decisions. However, it has been a challenge to have this system implemented within the optimal cost and time targets.

TAKE Solutions has created **safetyREADY™** to address these challenges. Oracle Argus is now available in the multi-tenant cloud that can be deployed rapidly using a pre-configured and pre-validated environment. It provides a set of gold standard configurations built based on global best practices. It is also possible include customer specific configurations. It has ready-to-deploy infrastructure which is compliant, secure and scalable, including advanced disaster recovery set up.

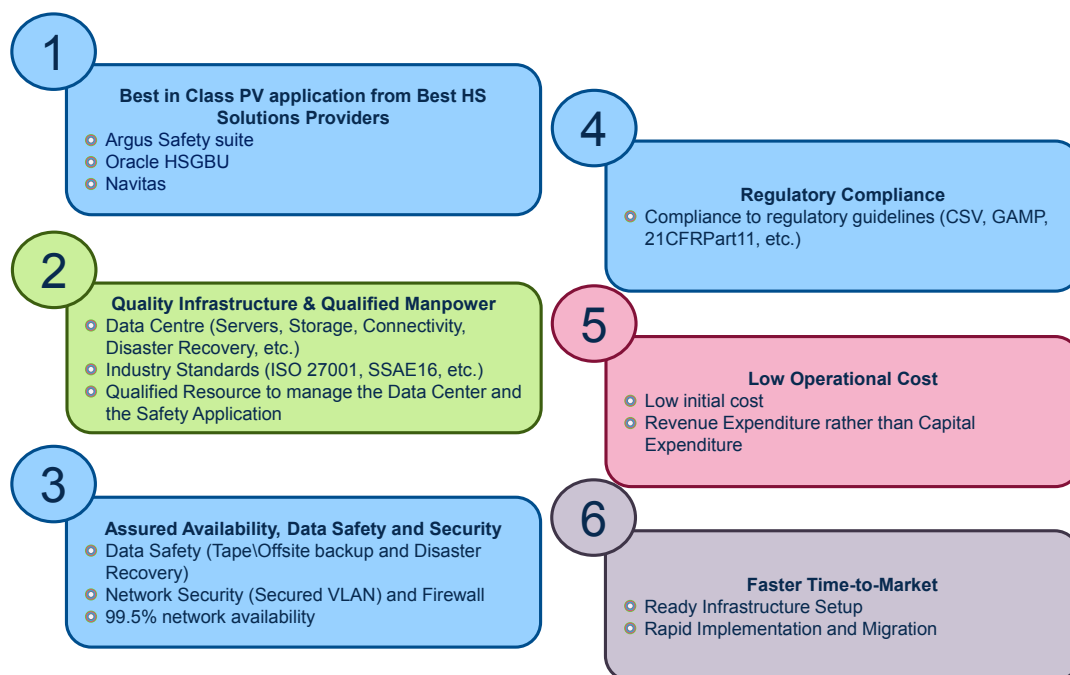
Multi-tenant cloud deployment of Oracle Argus - building blocks



TAKE Solutions' **safetyREADY** meets and exceeds all the key requirements:

Requirements	Solution Offering
Data security	Virtual private database segregates data
Access security	Two factor authentication - RSA Token + SSO
Performance	<ul style="list-style-type: none"> Optimal sizing of hardware Different MT instances for EMEA and US Appropriate sizing of network bandwidth
Disaster recovery	<ul style="list-style-type: none"> Automated snapshots of instances and volumes of Application and Database VM's. RDBMS tools to backup the database and then snapshot the backup volume.
Regulatory compliance	<ul style="list-style-type: none"> Argus is EU Annex 11 & 21CFRpart11 compliant Our validation is GAMP V compliant AWS Hosting compliance standards - ISO, SSAE
Scalability	Replication of MT set up after maxing out on the existing set up
Availability	SOPs for getting the application up and running ASAP as per SLAs

Value proposition for mid-size life sciences organizations.



About TAKE Solutions

TAKE Solutions delivers domain-intensive services in Life Sciences. In the fast-growing Life Sciences space, TAKE offers clients a unique combination of full-service Clinical, Regulatory and Safety services backed by unique technology expertise. Our range of services span from clinical trials to regulatory submissions to post-marketing safety, all backed by insights derived through proprietary industry networks forums. With a team of leading Life Sciences experts, best-in-class systems and processes, and bespoke, industry-specific technology and analytics, TAKE delivers successful outcomes for clients. Our global roster of clients includes large and small innovator biopharmaceutical companies as well as generics manufacturers. With operations spread across North America, Europe, Asia, and South America, TAKE is a Public Company, listed in India on the Bombay Stock Exchange and the National Stock Exchange. Led by a team of industry stalwarts and domain experts, TAKE has been growing steadily with FY18 revenues touching INR 15,872 Mn, (USD 246 Mn).



For more information

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