Transformative Life Sciences Solutions
A comprehensive transformation approach for Leaders in Life Sciences

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The Life Sciences industry is witnessing disruptions like never before. Shrinking pipeline of blockbuster drugs coupled with license expiration of current drugs and low clinical approvals is leading to a squeeze on all cost fronts including IT and operational costs. Life Sciences companies, by their very nature, collect huge amount of clinical and commercial data and may require significant compute and storage capabilities from time to time to generate intelligence out of this data. Patient engagement has also become a critical area for life sciences players especially in clinical trials, as there is an increasing use of wearables to monitor health parameters on a continuous basis generating another huge data stream.

Adoption of Cloud has ability to bring in scalability, flexibility and computing capacity to Life Science companies. It can help companies process huge amounts of data they deal with and replace information silos that have formed, as a result of legacy infrastructure. Hence, life sciences CIOs are looking at IT platforms that can address diverse business imperatives which will optimize operational costs and streamline the organization. They need a qualified Infrastructure where compliance is continuously maintained and automated wherever possible.

Hexaware’s Transformative Life Sciences Solutions have been designed to address this wide range of challenges in Life Sciences business. It employs a holistic approach to cover a wide range of functions and business needs – leaving no space for silos and operational gaps.

Here are four key business imperatives that Hexaware’s Transformative Life Sciences Solutions cover:

### Managing Legacy systems and handling unrelenting Life Sciences information growth

**Hexaware Solutions:**
- Datacenter Modernization and Consolidation
- Cloud Assessment and Migration Services
- Private Cloud and Open stack implementation
- Enterprise data warehousing

### Do more with less – Shrinking IT budgets, but growing IT needs

**Hexaware Solutions:**
- Managed Services
- Hexaware RaiseIT Automation Services
- Revenue Cycle Management
- Automated cloud set up and configuration for migration and scale up

### Ensuring continued Regulatory compliance and Risk mitigation

**Hexaware Solutions:**
- Cloud architecture to ensure compliance to GxP, GAMP, HIPAA and 21 CFR Part 11 standards
- Medical record archiving
- Business continuity services
- Security Services
- Backup and archival solutions
- Unified Governance of hybrid infrastructure
- Application Validation & Verification Services

### Adopting new technologies and reducing Time-to-Market

**Hexaware Solutions:**
- Public Cloud services
- SDDC and Hybrid Cloud Services
- Big Data and Analytics
- Devops
Why Hexaware?

**Hexaware’s Key Differentiators**
- Migration Lifecycle Automation with RAISE IT™
- Custom Scripts to automate provisioning of resources and environments
- Dedicated team of cloud architects with knowledge of multiple providers
- Innovation – 2% of revenues for Project Innovation Fund
- Tier-1/MSP Partnerships with infrastructure providers

**Hexaware’s Cloud Accelerators**
- Hexa Bots: Automation bots for all aspects of cloud (Account, Networking, Monitoring, Anti Malware, Host Access etc.)
- Tool based discovery and assessment
- Crack Teams for Migration and Target Applications (and sub teams within)
- Hexaware Migration Factory Services
- Cloud Blueprinting for faster adoption

**Business Benefits**
- **Faster Provisioning**
  - Complex in place complex architecture.
- **Agility and Elasticity**
  - Scale up and down depending on business requirements.
- **No Capex Investments**
  - Go for a simple OPEX model, pay-as-you-go. No costly IT assets on the balance sheet.
- **Automation**
  - Hexaware’s RAISE IT will help you automate most operational tasks, helping reduce input cost.
- **Reporting and Brokerage**
  - Custom reports for usage and costing.

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About Hexaware

Hexaware is a leading global provider of IT, BPS and consulting services. The Company focuses on key domains such as Banking, Financial Services, Capital Markets, Healthcare, Insurance, Travel, Transportation, Logistics, Hospitality, Manufacturing and Consumer. Our business philosophy, “Your Success is Our Focus”, is demonstrated through the success we ensure for our clients. Hexaware focuses on delivering business results and leveraging technology solutions by specializing in Application Transformation Management (ATM), Enterprise Solutions, Human Capital Management, Business Intelligence & Analytics, Digital Assurance, Infrastructure Management Services, Digital and Business Process Services. Founded in 1990, Hexaware has a well-established global delivery model armed with proven proprietary tools and methodologies, skilled human capital and SEI CMMI-Level 5 certification.

CLIENT OVERVIEW

- A multinational biopharmaceutical contract research organization.
- Provides clinical research, clinical logistics, medical communications, consulting, and advanced technology products and services to pharmaceutical, biotechnology, and medical device industries worldwide.

BUSINESS REQUIREMENT

- Aim was to create an integration layer that provides seamless flow of general study information originating from multiple source systems converging in a centralized repository.
- The Data then would move to a cloud based repository hosted on SalesForce.

SOLUTION IMPLEMENTED

- The solution provides extensive support internally as well as externally to the Business development and Account Management groups and facilitate sales process.
- It will also replace the outdated tool that is poorly maintained, and has limited capabilities and fields
- TIBCO Active Matrix BusinessWorks was used for implementing services to validate, transform and process the incoming data.
- The GXDB (Globale Xperience Database) system follows a decoupled approach where it first consolidates the data from various source systems and then in the next step updates the cloud based repository.

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