HCL

GRiP

GLOBAL RESEARCH INTEGRATION AND EXCHANGE PLATFORM

The last decade has seen significant increase in CROs' and SI's involvement in the clinical development life cycle. Specialized applications have burgeoned across the clinical landscape, and organizations are faced with the complexities of cross platform systems integration within multiple environments, while enforcing or preserving clinical standards and data traceability.This prolongs the execution time. Consequently, economies of scale are difficult to achieve as more and more clinical studies need transformations. As a result, quality, delivery and functionality issues exist resulting in unmet business needs.

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┌─────────────────┐      ┌─────────────────┐      ┌──────────────────────────┐
│ Clinical Trial  │ ───> │ Clinical Trial  │ ───> │ Clinical Trial Data      │
│ Design (Sponsor)│      │ Execution (CRO) │      │ Analysis &               │
│                 │      │                 │      │ Submission (Sponsor/CRO) │
└─────────────────┘      └─────────────────┘      └──────────────────────────┘
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While organizations such as CDISC and PHUSE have accelerated the move towards standards, the effective exchange of clinical information across the vendor / CRO / sponsor triangle incorporating consistent standards-based data integration, aggregation, analysis and regulatory submissions in the conduct of the clinical trials remains one of the biggest challenges for any sponsor today.
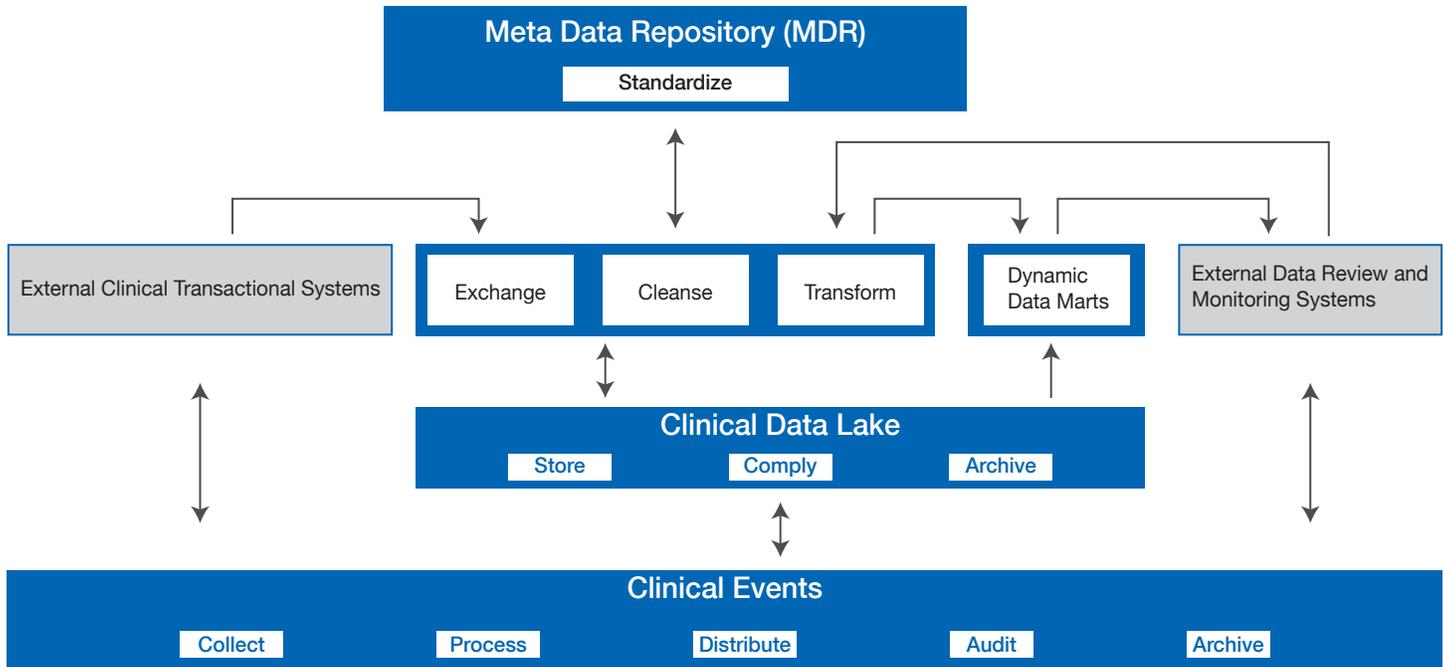
HCL has positioned GRiP as a combination of state-of-the-art business and technology services providing highly configurable cloud-based data exchange, standardization and integration platform. The main business technology components of the platform are data exchange, data cleansing and transformation, meta data repository (MDR), comprehensive clinical events management services (EMS) and Web-enabled clinical information store (Clinical Data Lake). These components are offered on the world's largest and most scalable cloud with the information available globally and securely to scientists and their partners in clinical study conduct.

CLINICAL EVENTS, BATCH INTEGRATION AND EXCHANGE INFORMATION SERVICES

GRiP supports two models of information exchange:

Transactional or event–based model where clinical applications communicate and subscribe to clinical events via the GRiP's clinical enterprise service bus
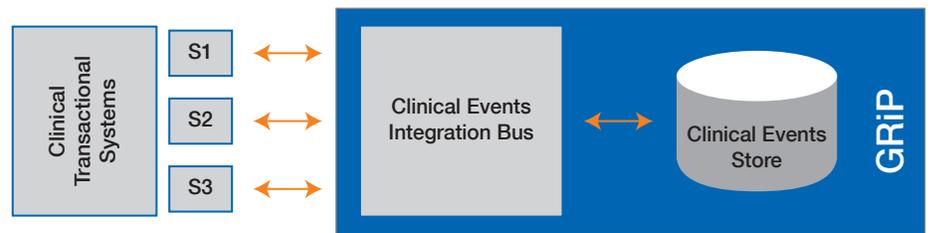

Event-based Integration links clinical application providers and subscribers in a message-based exchange of information orchestrated by a cloud service bus thus eliminating the need of point to point systems integration.

GRiP provides definitions of typical clinical business messages utilizing the structure of the industry standard BRIDG data model.

Batch data transfers of information between trial participants via secure data transfers and retrieval of information to and from GRiP's clinical data lake

GRiP Data exchange is bidirectional—from a partner to the clinical data lake (Inbound) or from the clinical data lake to a partner (Outbound).
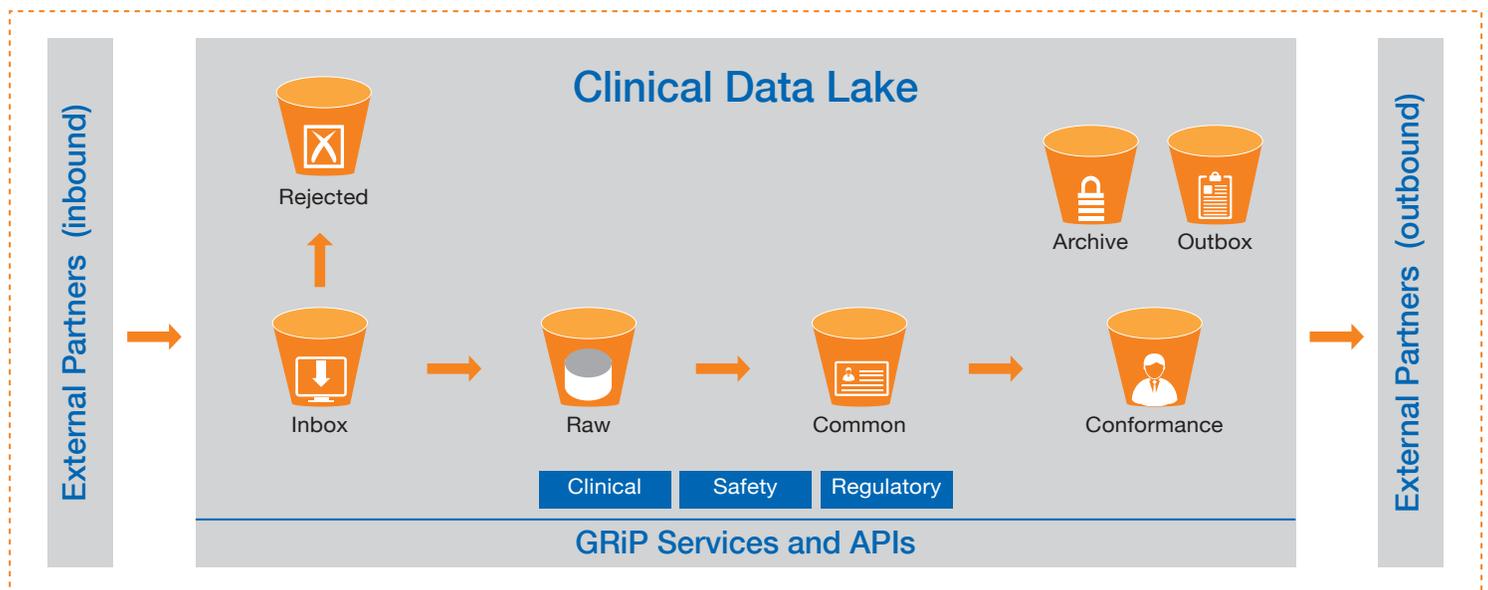
Inbound raw clinical data is stored, verified, cleansed, validated and transformed. GRiP executes data transformations into corporate canonical formats (Common) or submission and analytical formats (Conformed) using CDISC Data Standards (ODM, SDTM, ADaM). Common or Conformed data are analysed and/or exchanged with partners. All exchanges are secured and audited. The Clinical Data Transformation service is automated and integrated with the built-in clinical MDR.

ADDITIONAL PRODUCT FEATURES AND BENEFITS

- Prebuilt integrations with common clinical transactional systems (Rave, InForm, Argus, Siebel eClinical)

- Secure file transfer, data encryption in-flight and at rest

- High performance file transfers with visual controls

- Data Exchange WEB application for PCs, Tablets and smart phones

- Information chain of custody—version control and data traceability

- Graphical design and views of data transformations

- Pluggable services such as master data management and clinical data validation

- Global accessibility and unlimited scalability on a GxP compliant cloud

- Event persistence for event-based integration

- Availability of 200+ integration adapters for cloud and on-premises application integration with non-clinical corporate systems (ERP, CRM, etc.)

- Data and Document Archives – highly durable and low cost

- Global Business Continuity /DR system

- "Pay as you go" Pricing

HCL LIFE SCIENCES & HEALTHCARE

HCL is a leading provider of Life Sciences and Healthcare Business and Technology services. We are the chosen service provider for enabling new growth drivers for our clients, providing them with industry leading best practices, taking care of their compliance needs and ensuring goldstandard process cycle times. Our clientele includes seven of the top ten global pharmaceutical companies, seven of the top ten medical devices companies, six of the top ten health plans, three of the top five CRO's and two of the top three data providers. Equipped with certified technology experts and domain specialists, HCL offers services in critical areas of the life sciences and healthcare eco system such as drug discovery, clinical development, drug safety, regulatory compliance, manufacturing and plant automation, commercial, Healthcare analytics, Population Health Management [PHM], mHealth, member experience management [MEM], fraud, waste and abuse management [FWA].

Let's connect:

Please feel free to write to us at contact.lsh@hcl.com

ABOUT HCL

ABOUT HCL TECHNOLOGIES

HCL Technologies is a leading global IT services company working with clients in the areas that impact and redefine the core of their businesses. Since its emergence on the global landscape, and after its IPO in 1999, HCL has focused on 'transformational outsourcing', underlined by innovation and value creation, offering an integrated portfolio of services including software-led IT solutions, remote infrastructure management, engineering and R&D services and business services. HCL leverages its extensive global offshore infrastructure and network of offices in 31 countries to provide holistic, multi-service delivery in key industry verticals including Financial Services, Manufacturing, Consumer Services, Public Services and Life Sciences & Healthcare. HCL takes pride in its philosophy of 'Employees First, Customers Second' which empowers its 105,000 transformers to create real value for customers.

HCL Technologies, along with its subsidiaries, had consolidated revenues of US$ 5.8 billion, for the Financial Year ended as on 31st March 2015 (on LTM basis). For more information, please visit www.hcltech.com

ABOUT HCL ENTERPRISE

HCL is a $6.5 billion leading global technology and IT enterprise comprising two companies listed in India – HCL Technologies and HCL Infosystems. Founded in 1976, HCL is one of India's original IT garage start-ups. A pioneer of modern computing, HCL is a global transformational enterprise today. Its range of offerings includes product engineering, custom & package applications, BPO, IT infrastructure services, IT hardware, systems integration, and distribution of information and communications technology (ICT) products across a wide range of focused industry verticals. The HCL team consists of over 100,000 professionals of diverse nationalities, who operate from 31 countries including over 505 points of presence in India. HCL has partnerships with several leading global 1000 firms, including leading IT and technology firms. For more information, please visit www.hcl.com

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