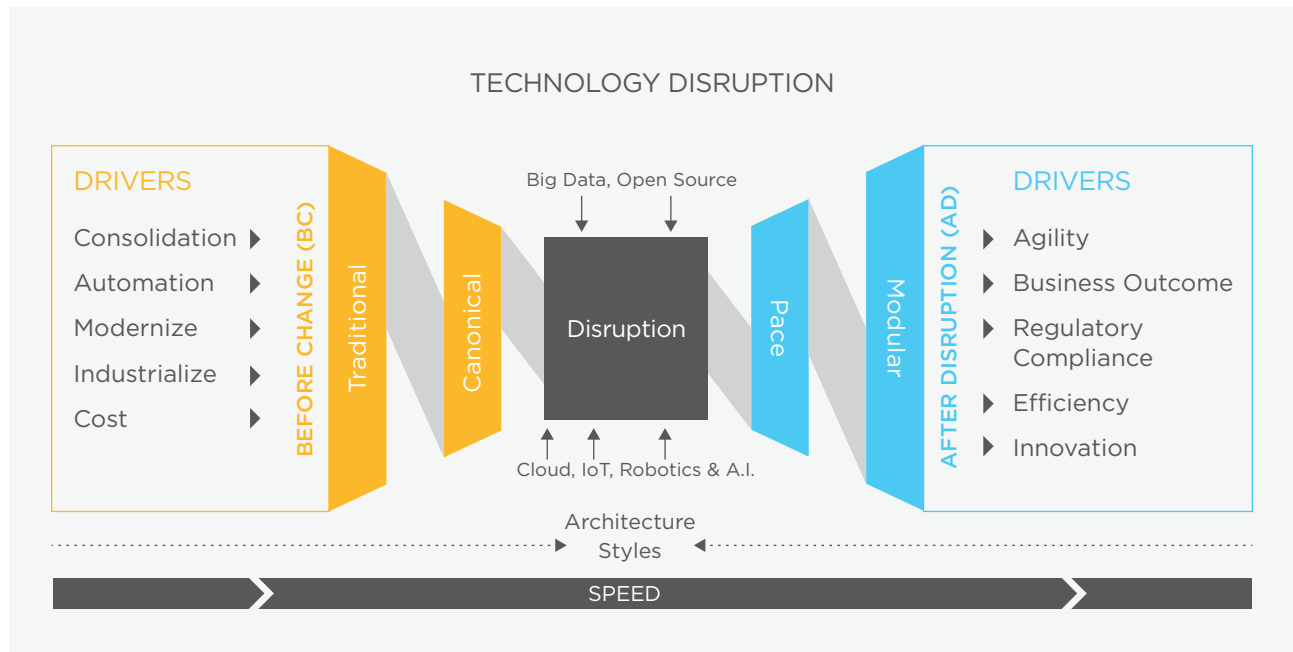


DATA INSIGHTS TO POWER YOUR **DIGITAL TRANSFORMATION** JOURNEY

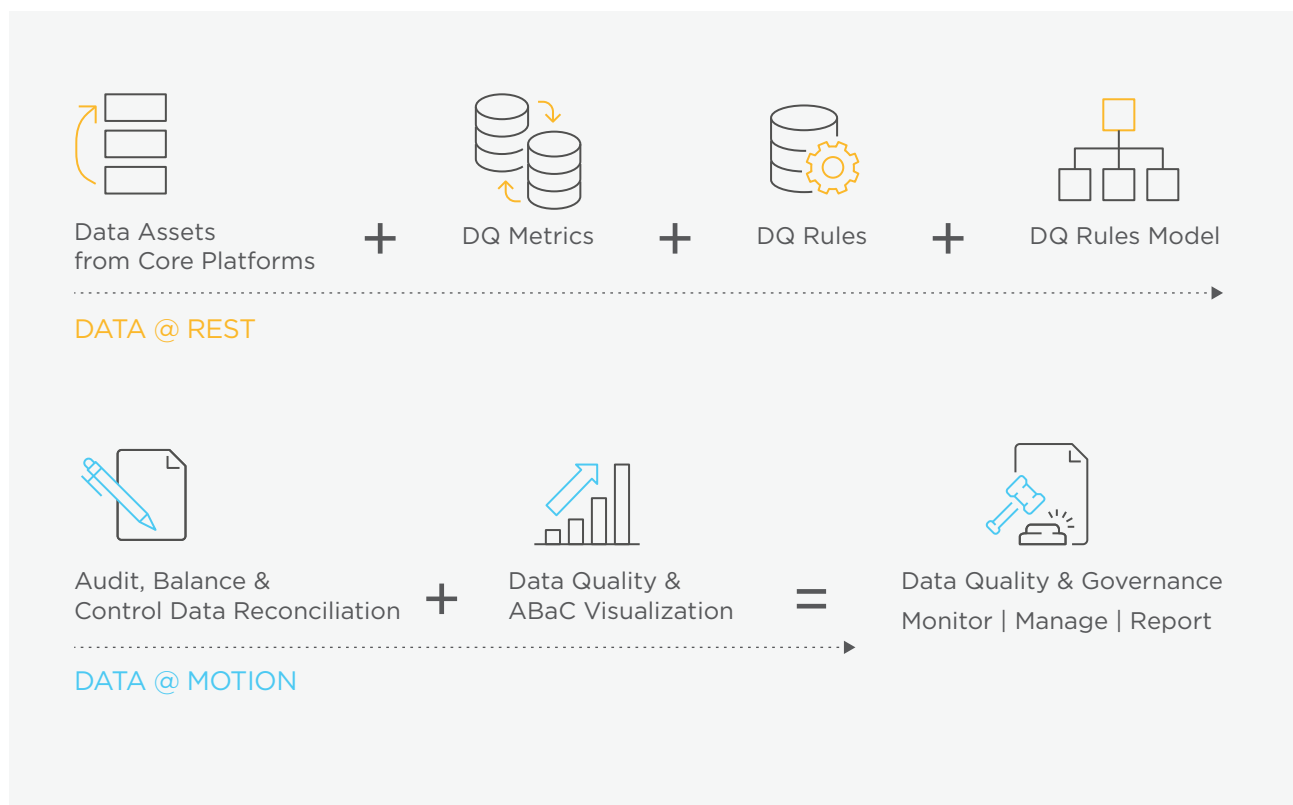


**RIGHT DATA &
RELEVANT DATA**

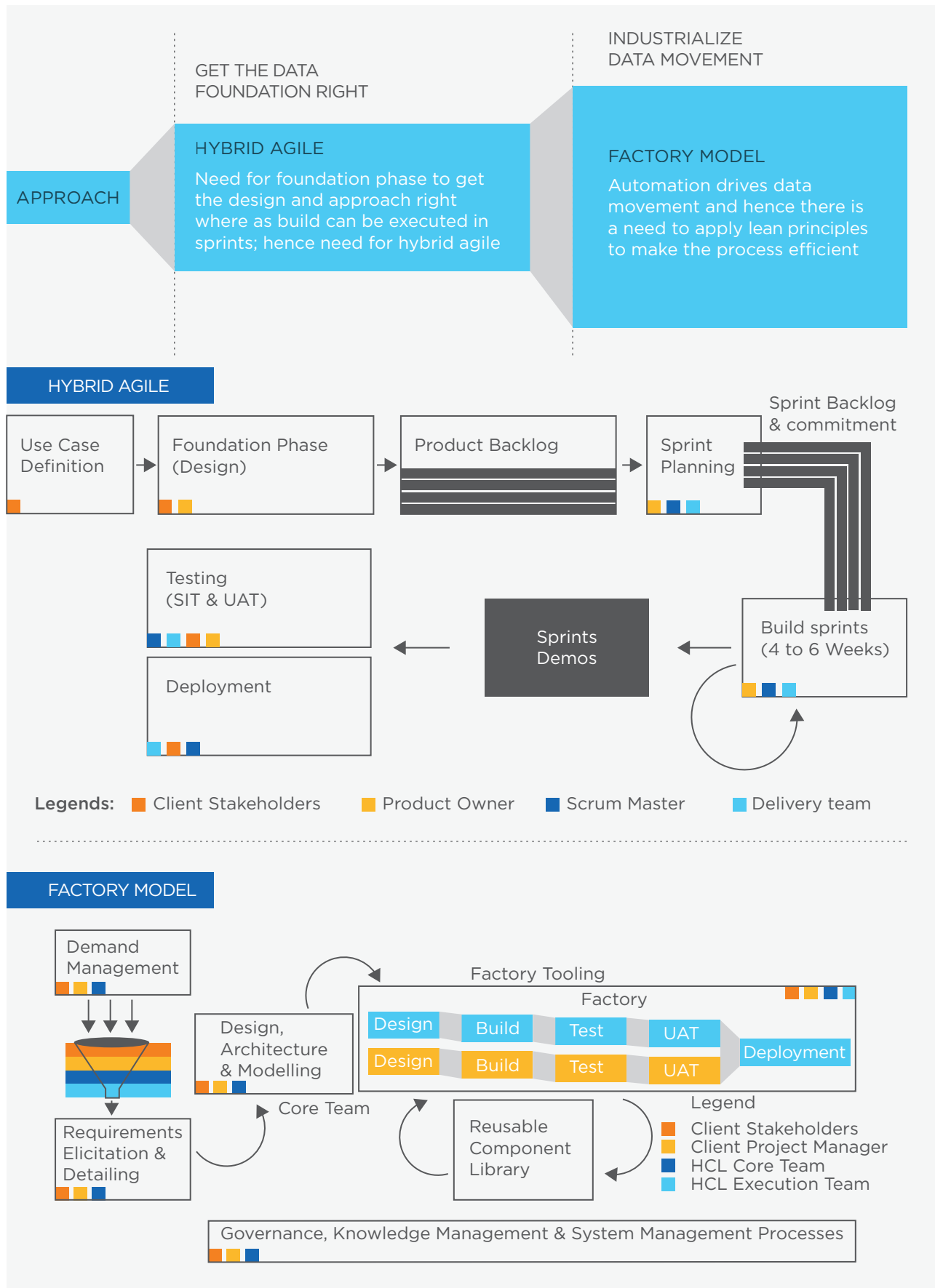
Right Data & Relevant Data (R2D2) – Building Data Assets across the Digital Enterprise



The right tools and techniques to manage and improve Data Quality and Governance:



A flexible approach tailored to your organization's needs and objectives



Many organizations recognize data is an asset. However; the volume and variety of data sourcing makes insuring timely delivery of quality data services difficult in order to meet internal and regulatory requirements. National and International governing bodies now require organization to comply with standards for the collection, compilation, and dissemination of data for statistical and regulatory data purposes.

Financial Institutions found it hard to execute monitoring of data quality as they could not conform an automated process framework that could be driven through varied products. Financial services organizations have paid \$200 Billion USD in penalties in the last 5 years.

The Pharma Industry is also challenged with federal and international standards for data in the review and approval of new pharmaceuticals, challenging the trust of clinical trials data to ensure integrity and confidence in the results and conclusions presented by the sponsor company. To address internal and external data quality and compliance issues companies are seeking to:

- Develop a holistic approach to monitor and govern critical data assets to improve business decisions and conform to regulatory requirements
- Simplify and integrate data quality processes
- Reduce the total investment required to manage data quality across lines of business

HCL's R2D2 is a holistic approach to implement multiple data integration, governance and data management tools and deploy trusted data on a timely basis across the enterprise. R2D2 is a flexible, agile, and cost effective way to meet internal and regulatory compliance goals, and convert data into an asset. HCL provides the tools and accelerators to quickly deploy advanced data quality and governance services.

- **Process Framework:** Define and capture Critical Data Elements across disparate data sources aligned to business processes.
- **Rules Repository:** List of profiling, data stewardship and business data quality rules specific to your business needs.
- **Data Model:** Library of leading practices for data models used for reporting data quality.
- **Cost of Quality:** Structured approaches and algorithms are used to calculate the cost of quality. Calculate notional business impact of quality deviation and discrepancies of critical data elements needed to justify business case for data quality and governance initiatives.

- **Dashboard:** Visualize data quality across various dimensions, functions, entities and attributes. Report actions, monthly trends and cost of quality.
- **Hallmarking:** Certify business data by clustering them into metals (Platinum, Gold, Silver & Bronze) to monitor improvements of data assets by lines of business.
- **MDX:** A flexible and easily adoptable platform for identifying golden records for master data based on source ranking, data quality, and match and merge rules.
- **MDM Rapid Launch Kits:** Establish MDM solutions in short time frames for onboarding business use cases.
- **Mobile Data Stewardship:** Mobile app for data stewards to monitor the tasks and provide administrative approval processes.

HCL's R2D2 specialists work within your organization to identify your objectives and tailor an approach to incrementally build and deploy the R2D2 capabilities. The architecture enables you to deploy R2D2 on premise or in the cloud while the accelerators and framework combine to allow flexibility in crafting the overall solution. For example, we can adapt dashboards and reports to your current tools if needed.

Use R2D2 across the enterprise to monitor and manage data quality and improve data governance.

- **Regulations:** Regulatory bodies governing Financial Services and Pharma companies' mandates comprehensive, complete and accurate data. Investments have been made by Enterprises to address data issues and move it into downstream systems for data aggregation and regulatory reporting.
- **Information Governance:** Visibility into the data is important to each department's operations, which is determined by each business unit's Data Steward, so that every steward can understand the quality of the information and improve his or her group's business processes, as well as be more efficient and effective at continuously improving on the data's accuracy.
- **Customer Experience:** Enterprises uses Text Analytics to build models, find various themes of customer feedback and the sentiments behind all feedback pertaining to the products/service. Right data enables right campaigns and promotions leading to customer acquisition.
- **SVC:** Creating competitive advantages in customer data charter by creating single view of customer leading to better digital enablement, standardization and better time to market.

To know more about HCL's Business Analytics services, please write to us at digitaltransformation@hcl.com



This year, HCL's presence at Think 2018, is themed with an iconic representation of the letters "U & i". Through this coinage, we aspire to represent the growing tide of productive infusion of data analysis, cognitive capabilities and intelligence-based decision systems (denoted by the "i") into the mainstream enterprise operational rubric of our clients worldwide (denoted by "U").

We believe this rapid convergence of technology, processes and people, will create a self-sustaining eco-system for 21st century enterprises that will mature to realize value beyond the norm for years to come. Most of the 30 HCL solutions being showcased at Think 2018 are testament to this evolving philosophy for enterprise solutions that bear a similar promise for the future.

And finally, we also realize that the human-machine capability integration is something that cannot become a reality in isolation. In fact, it will be a product of close partnerships (as denoted by the melding of human and robotic minds in the visual), like the one forged by HCL and IBM and many others to come. All of which will take steps to help create a world that understands the risks and appreciates the benefits of making this next big human-inspired technological leap ahead.



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