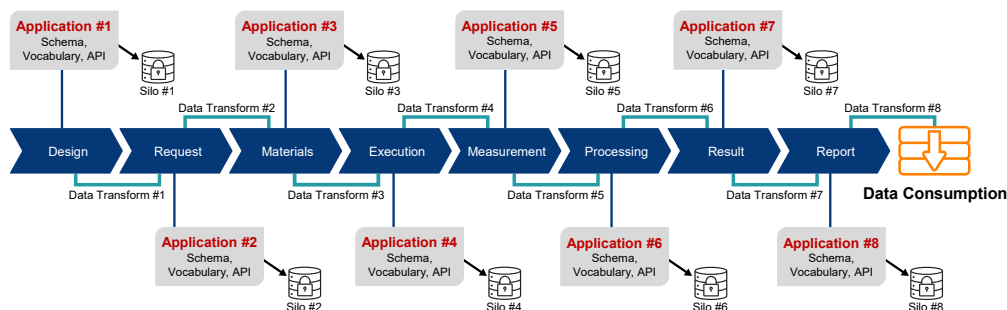


Data Strategies

Allotrope Foundation is a consortium of chemical & life sciences companies formed in 2013 to revolutionize the way we acquire, share and gain insights from scientific data through the application of community-derived data standards consistently delivered via an extensible technology framework.

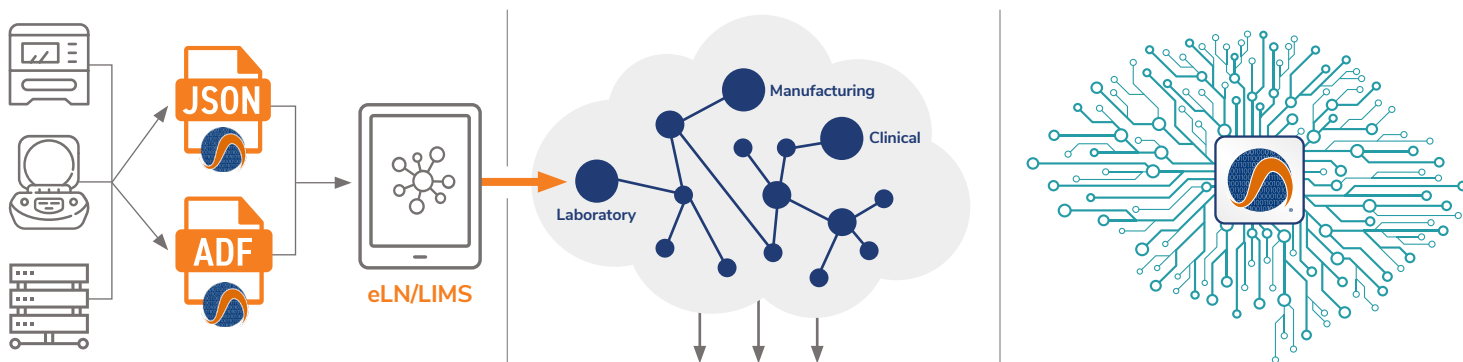
The Current State of Research and Development is too Application-Centric

Data generated throughout R&D and Operations relies on numerous software applications and tends to be stored in multiple places. Data are transformed using many custom parsers or application programming interfaces (APIs) throughout the workflow. This approach adds unnecessary complexity and fragility to the process. There is a better way.



The Future State: Allotrope Standard Enabled Data Centric R&D

Accelerate Data Standardization To Deliver Business Value



DATA AUTOMATION

“Low Code” data flow automation via Allotrope standard instrument data output.

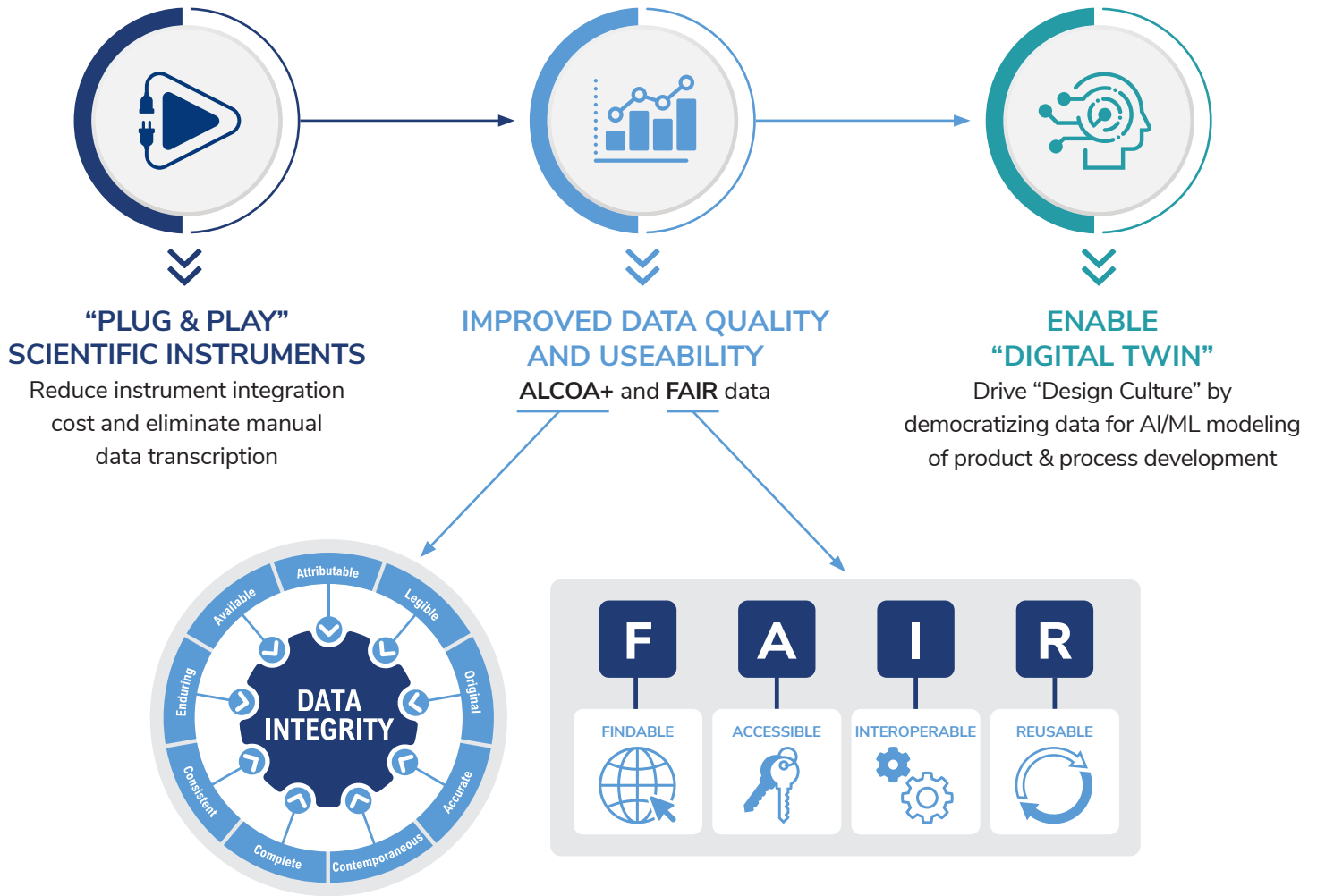
SEMANTIC DATA LAKE

Democratize scientific data via ALCOA+ and FAIR enterprise data lake.

AI/ML DATA ANALYTICS

Enable machine data query for visualization, analytics and AI/ML modeling.

Business Value Delivery




Synergize Value Delivery Across Other Data Standardization Initiatives

Allotrope Foundation’s data strategies can be used as an important component of an organization’s overall data strategy.

Join the Community

Allotrope.org | info@allotropefoundation.org



 [Click here for a list of our members](#)

Full Membership is open to corporations, partnerships, organizations, or their subsidiaries that work with scientific data or provide related services. Full membership requires average annual revenue \geq \$7.5M over the past three years, including affiliated entities.

Associate Membership is open to the same types of organizations as Full Members that work with or support scientific data. Associate membership requires average annual revenue is $<$ \$7.5M over the past three years, including affiliated entities.

Partner Membership is open to academic, non profit, or government organizations not composed of entities eligible for Full and Associate Membership.

* Please refer to www.allotrope.org for full membership details.