

# Catalyze the impact of your scientific workflows

## FACT SHEET

## Software is not enough

Widespread adoption and positive return on investment (ROI) for scientific data solutions requires the alignment of IT and science. However, due to low bandwidth, organizational disconnect, and a poor understanding of both industry-best practices and the new data solution, organizations often develop a “project” mindset that focuses on short-term value and fails to produce AI-ready data that accelerates scientific outcomes.

The Tetra Catalysts offering provides the “connective tissue” between scientific IT and scientists, helping customers **increase the value of their Tetra Scientific Data Cloud™ deployment by 5-10X**.

The Tetra Catalysts offering is delivered by our TetraScience Sciborgs, an elite team of Scientific Data Architects (SDA) and Scientific Business Analysts (SBA) embedded in your organization who focus on business outcomes and identify high impact areas to maximize ROI. In addition, your organization receives access to a library of deployment-ready use cases to automate workflows and create curated data sets for analytics and AI/ML. Furthermore, Tetra Catalysts packages include Tetra-hosted discussions with you and TetraScience’s partner network of leading scientific technology vendors.

## Achieve unparalleled scientific impact

Tetra Catalysts leverage industry best practices and learnings across multiple biopharmas to establish a solid foundation for advanced data science and AI/ML. This is done through a science-led approach that focuses on all the scientific workflows performed throughout drug discovery, development, and manufacturing/QC.



### Top 20 biopharma (US)

**25X faster preparation of flow cytometry data, including gating and QC**

Automated key lab workflows resulting in **>\$25M/yr in savings**

**Enabled ML** to reduce clone ranking time by 50%

### Top 20 life sciences supplier (EU)

**Provided analytics dashboarding** for bioprocessing data

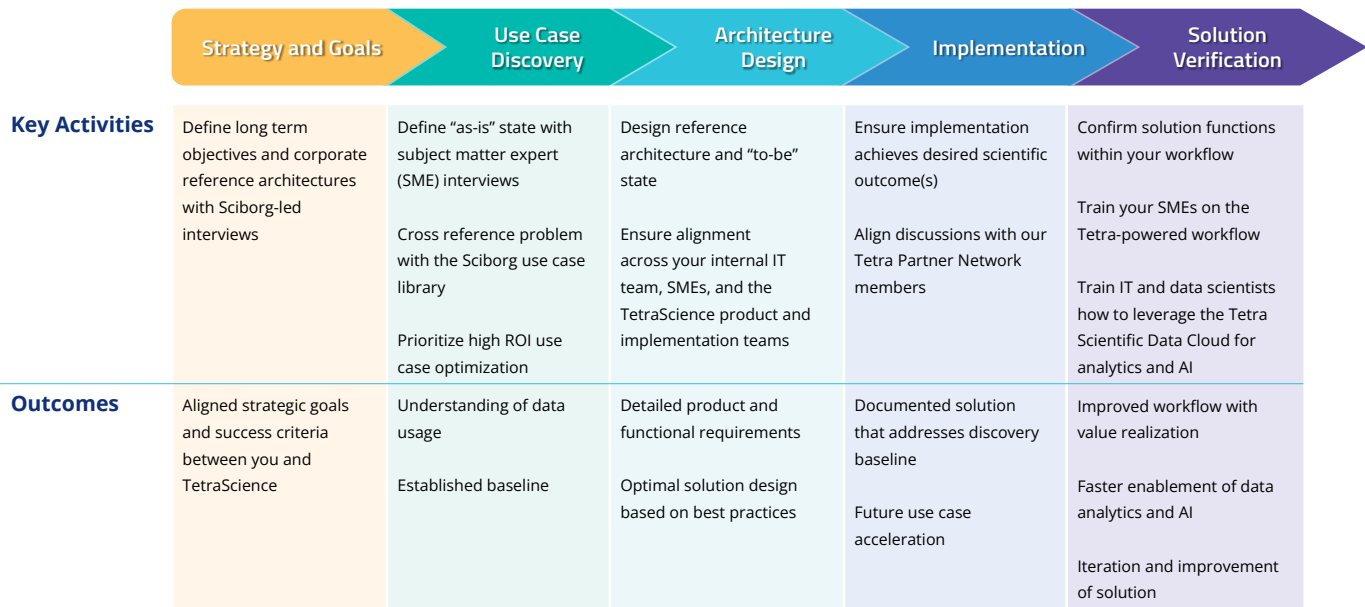
**Enabled AI for prediction** of optimum cell culture media across 12 products, with up to 200 components tested across 80+ conditions

### Top 10 biopharma (EU)

**Developed scientific data substrate** for “Digital QC” initiative

**Enabled AI/ML and predictive analytical capabilities** to make QC more efficient

# How Tetra Catalysts create value



## TetraScience offers three Tetra Catalysts packages

	Basic	Advanced	Strategic
Scope	4-6 use cases per year	8-12 use cases per year	16-20 use cases per year
Package Features	Use case documentation and requirements tracker	All features from Basic plus:	All features from Advanced plus:
	Access to the TetraScience Scientific Use Case Library	12-18 month value map	100% dedicated Scientific Support Engineer
	Cross-industry best practices for use-case architecture design	Training and training content delivered during deployment	4 expert-led training sessions
		Access to executives within the Tetra Partner Network (TPN)	Quarterly executive report detailing outcomes and next quarter plans
			Up to 4 advanced analytics/AI/ML projects
			Up to 4 technical workshops with the Tetrascience Product team & Sciborgs

## Catalyze your scientific progress for unprecedented value

With the expertise of our Sciborgs, a library of development-ready use cases, and learnings and best practices from industry-wide experience, Tetra Catalysts are delivering unprecedented improvements to scientific workflows, establishing a foundation for AI and advanced analytics, and helping biopharmas accelerate time to market. It is just one more reason TetraScience is a trusted partner of 15 of the top 25 biopharmas.

Want a free use case assessment from our Sciborg team? [Contact our team today.](#)