

# CDAS Analytics as a Service

*Drive intelligent action in clinical operations with CDAS Analytics as a Service*

## Challenges

Sponsors require insights and visualizations unique to their needs. Every clinical study has its own design, which leads to inconsistency in understanding and drawing inferences from available data. The vast volume of data generated during clinical trials often remains largely siloed and difficult to combine in different systems that don't communicate with each other, a situation made more challenging given the rapid execution of clinical trials.

- Manual tracking of patient-based metrics and milestones without real-time reports can create inaccurate views of current project status. Manual reconciliation of available data points requires additional time spent and may also result in multiple sources of truth, leading to project team confusion and frustration
- Additionally, metrics and milestones are frequently calculated differently from study to study, making it difficult to manage a portfolio of studies
- Presentations, emails, and similar static snapshot analyses quickly become outdated
- Sponsors and CROs need an efficient and common platform to exercise oversight and monitor performance, quality, and patient safety, with the ability to combine multiple systems to create a complete and accurate data view of the protocol

## The solution

*Business intelligence and insights providing oversight and efficiency*

IQVIA's CDAS Analytics as a Service team provides a solution that enables clinical operations efficiencies. As a component of IQVIA's Clinical Data Analytics Solutions (CDAS), it can easily be customized with fit-for-purpose dashboards and analytics.

With Clinical Analytics, we visualize and analyze real-time clinical and operational data that is aggregated, aligned, and transformed from multiple systems like electronic data capture (EDC), interactive voice response (IVR), electrocardiograms (ECG), clinical trial management systems (CTMS), labs, project management, and similar clinical and operational systems. A standardized data structure based on industry standards enables our customers to leverage the value of operational and clinical data within and across studies on a real-time basis during study conduct.

The visualizations are organized into logical groupings allowing quick oversight and insight through all stages of the study. These visualizations can be customized to meet a customer's specific needs, including custom layouts, metrics and functionality.



## Your benefits

### *Better collaboration, better visualizations, better accuracy*

IQVIA's CDAS Analytics as a Service enables easy collaboration between multiple teams and roles. It can be customized to fit your specific needs and account for any unique design elements or specialized decisions required by the study.

- Get higher data accuracy and quality as a result of extensive validation and testing combined with quality control procedures. In the unlikely occurrence of a data quality issue, the matter will be quickly identified and corrected thanks to extensive monitoring
- Gain time efficiencies and cost savings using fully validated and standardized dashboards and visualizations that integrate data from relevant systems. These standard dashboards can be used as accelerators to custom solutions
- Action-driven dashboards and visualizations make identifying the next step straightforward and simple

## Our capabilities

IQVIA's Analytics as a Service capabilities include:

- 30 specialists
- Full service to all IQVIA RDS customers for their study clinical trial
- More than 200 standardized dashboards, charts and visualizations
- Ability to ingest and integrate data into new or existing dashboards
- Implementation of advanced analytic techniques including predictive analytics and artificial intelligence that leverage clinical and operational data
- SLC process adherence with documentation availability for reference in future:
  - » Standard Risk Assessment and Control document
  - » Requirement Traceability document
  - » Change Control Form (CCF) for amendment
  - » Execution Summary Report (ESR)
  - » Evidence of Traceability Report (EOT)

*Reach out to schedule a consultation about IQVIA's CDAS Analytics as a Service.*

