adaptive clinical® SYSTEMS

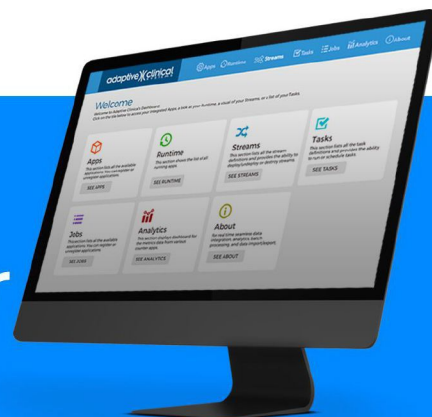imagine the interoperability

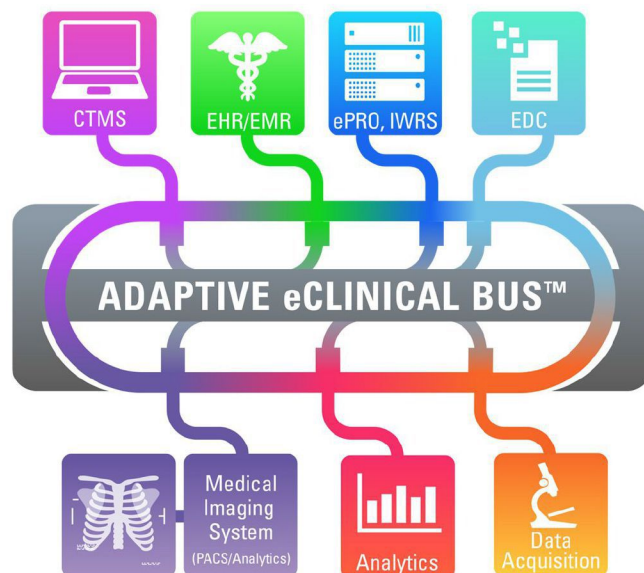# A Simple, Validated & Cost-Effective Solution for Clinical Data Integration

The Adaptive eClinical Bus®, Adaptive Clinical's interoperability platform, is a cost effective cloud-based solution for fast growing CROs, Core Labs and Sponsors. The Adaptive eClinical Bus modernizes information flow to and from any eClinical data source with intelligent middleware and sophisticated rules engine for true interoperability. Adaptive Clinical Systems offers a simple, secure, validated, compliant and cost–effective solution for clinical data integration.

The Adaptive eClinical Bus

Our versatile software helps to integrate proprietary and third-party eClinical Systems seamlessly, thus protecting your eClinical investment.

- Fully Validated Platform with Detailed Audit Logs & Reports
- Standards-Based for Interoperability
- Easily Implement an eSource Data Capture Workflow
- Reusable SaaS Components for Quick Installation
- Adaptive Rules Engine Offers Built-in Clinical Intelligence

ADAPTIVE eCLINICAL BUS™

CTMS · EHR/EMR · ePRO, IWRS · EDC · Medical Imaging System (PACS/Analytics) · Analytics · Data Acquisition

| Data Standardization ODM-SDTM-SAS | Eliminate data duplication with data Integrtion | Source data entries at point of care | Holistic data review & quality management | Reduce transcription errors | Leverage real-time reporting data analytics & visualization |

68% Reduction in study setup time

55% Reduction in data management

42% Time Savings

56% Cost Savings

Single-Source for Data Integrity & Insight

The Adaptive eClinical Bus, a cloud-based hosted service, integrates with your EDC, EMR/EHR, CTMS, Medical Imaging, ePRO, IWRS, and Analytical/Data Visualization Systems to ensure accurate and efficient transfer of clinical data for any study of any complexity.

Simplify Your Clinical Data Workflow

- Users can gain access to any data source to view up-to-date, real-time data from any integrated software system.
- CDISC, HL7, SAS export modules simplify downloading data to all major post-study analysis tools.
- Adaptive DataVIEW provides a robust visualization solution for analyzing data from disparate sources quickly and efficiently.
- Data are maintained in native CDISC format at all times, allowing you to see interim "snapshots" of data.
- Via the Adaptive Secure and Private Cloud, data will traverse your heterogeneous environment in real-time using the lowest number of data interchanges.

- The Adaptive Rules Engine fully automates "your clinical know-how" and eliminates all data transcription errors.
- Personalize the rules by building derivations and embedding your own clinical "know-how".
- The Adaptive Terminology Module enhances uniformity and accuracy of data capture by standardizing medical terminology (eg, MedDRA, ICD-10, etc.).
- Adaptive automatic data checks, validation rules, and optional data coding features save time and significantly reduce data entry errors related to hard-copy CRFs.

Trust in a Fully Validated Service

- Adaptive's standard operating procedures for software development and systems validation are robust and proven—and align with the highest industry standards.
- The Adaptive eClinical Bus is fully compliant with FDA CFR 21 Part 11, HHS 45 CFR Part 164, GxP and other regulatory guidelines.

- Adaptive SaaS ensures continual software and technology upgrades and service updates in a fully validated environment.
- We enable the fastest study setup and most robust protocol integration for studies of varying complexity.

Make Efficient Use of Your Clinical Data Budget

- The Adaptive eClinical Bus leverages trusted open-source components and global delivery models.
- The service is scalable and flexible to meet your specific data integration needs and budget restrictions.
- The service integrates with proprietary and commercial off-the-shelf (COTS) tools allowing you:
  - To leverage existing in-house investments
  - The freedom to choose best-in-breed tools without the need for massive integration projects—saving time and money.

- A pay-as-you-go subscription model allows you to lease capabilities and modules based on the needs of a specific study protocol only when and for how long (weeks, months, years) you need them.
- You pay for access only while your study is in progress, enabling you to maintain little or no IT overhead between studies.
- Adaptive's scalable Data Warehouse is available at no additional charge.

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Contact us today to discuss how we can help you improve the interoperability of your clinical trials.

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We are specialists with decades of experience in:
- eClinical informatics development and integration
- Regulatory compliance and systems validation
- Rapid, precise, and cost-efficient project implementation
- Proprietary systems integration