



Signals Synergy for Drug Discovery

At a Glance:

Amid the industry-wide rise in sponsor-contractor collaboration lies an opportunity for accelerating drug discovery. By choosing a discovery informatics solution with dedicated sponsor-contractor workflows, organizations can ensure intellectual property protection, enable efficient and effective communication, build trust, and harness the collective expertise of sponsor and contractor.

Enhancing Collaboration and Information Exchange between Sponsors and Contract Partners

Pharmaceutical and biotechnology companies of all sizes are increasingly outsourcing some, or even all, drug discovery and development to global contractors. This trend brings new challenges, but also new opportunities. Digital tools designed for effective collaboration can empower your communications and harness shared expertise to accelerate drugs to market.

Signals Synergy, a dedicated discovery informatics solution from Revvity Signals, replaces email, spreadsheets, and other inefficient methods of information sharing between sponsors and their CROs, CMOs, CDMOs, and academic labs. When added to Signals Notebook or Signals Research Suite, Signals Synergy overcomes challenges in communication, planning, and information exchange by eliminating the errors, wasted resources, and delays created by traditional systems.

Accelerate drug innovation with the complete Signals Research Suite

- **Data Capture and Collaboration:** The premier cloud native electronic lab notebook for biologists and chemists to collaborate, capture, organize, share, and explore data
- **Data Processing:** Leverages Spotfire™ for data analysis and visualization of all modalities, uniting assay development, low- to ultra-throughput product assays, and in vivo studies
- **Data-driven Analytics:** This next-generation data management system analyzes scientific results from multiple assays and enables efficient access and analysis of all scientific results collected throughout the R&D life cycle
- **Signals Synergy:** Fit-for-purpose add-on delivers more efficient, effective sponsor and CRO/CMO/CDMO collaboration with simplified administration, integrated project management, and rationalized data exchange

Signals Synergy adds fit-for-purpose features designed to facilitate external collaborations and optimize drug discovery project management. It is a system-level expansion for contract partner collaborations.

Common collaboration challenges include:

- Prioritizing and communicating work
- Onboarding and offboarding CRO/CDMO resources with a high flux of users
- Tracking outsourced projects
- Preserving a sponsor's intellectual property without limiting relevant information
- Standardizing and integrating external data for comprehensive downstream analytics

Empowering efficient collaboration and rationalized data exchange

Signals Synergy enhances sponsor and contract partner collaboration and information exchange by delivering:

- **Insight:** Collective expertise through effective and efficient collaboration
- **Flexibility:** Dynamic scaling of contract partners to meet evolving business needs
- **Control:** Visibility into project timelines allows sponsors to optimize efficiency and resource use

Secure data that supports regulatory compliance

Developed in line with best practices for data security and integrity, the Signals Research Suite implements 24/7 global security monitoring with alerting and escalation by the Revvity Signals Software Security Operations Center. Administrators can deploy the platform in either a multi-tenant or private-cloud environment. Signals Synergy meets standard IT requirements for automatic updates and cloud security controls. It automates routine tasks and workflows, making data within the Suite findable, accessible, interoperable, and reproducible (FAIR), which aids in data integrity and regulatory compliance.

- Accuracy: Eliminate errors in manual data wrangling
- Communication: Facilitate communication while protecting intellectual property
- Harmonization: Automated transformation of unstructured reports into structured data empowers fast, comprehensive, streamlined analytics, visualization, and AI/ML

Signals Synergy manages sponsor and contract partner information exchange

Signals Synergy accelerates innovation through easier and more efficient sponsor and contractor collaborations. The goal of Signals Synergy is to address five major challenges of the sponsor and contract partnerships:

- Administration: Simplified project initiation, user onboarding, and security setup
- Drug Design: Ideation workspace for capturing drug designs and hypotheses
- Intellectual Property Protection: Built-in masking of proprietary codes, properties, and material IDs
- Project Management: Scientifically minded tools for tracking collaboration progress
- Data Exchange: Automated transformation of unstructured CRO, CMO, and CDMO reports into structured data ready for analytics and visualization

More insight, less oversight

Signals Synergy is a unique offering for sponsor and contract partner collaborations and information exchange in drug discovery and development. As the trusted data steward and project management layer between you and your collaborators, Signals Synergy enables organizations to gain more insight with less oversight.

Scientifically-minded project management and rationalized information exchange build trust between partners and provide a competitive advantage for both the sponsor and contract partner. With Signals Synergy integrated into either Signals Research Suite or Signals Notebook, Revvity Signals provides the most comprehensive single solution to help you accelerate drug innovation.

Contact Revvity Signals for more information [here](#).




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