

# Our guarantee to you: Seamless connectivity and onboarding for your scientists

We eliminate the daily friction that slows down your scientists,  
empowering them to focus on breakthrough science;

Scientists will be empowered to configure the system, so they can  
move fast;

Enforce consistency and reduce risk with automated business rules,  
ensuring seamless alignment with partners and CROs

**Let Your Scientists Focus on What Matters Most – Science**



**SCIGILIAN**  
simplifying Life Science IT



Contact us to learn more: [info@scigilian.com](mailto:info@scigilian.com)

***Efficient lab operations revolve around managing complexity, reliability and reproducibility.***

***Scigilian has nailed all these requirements.***

*- John Conway, Chief Visioneer Officer, 20/15 Visioneers*

## **Introduction: Our Unique Value Proposition**

Drug discovery teams are under relentless pressure to shorten R&D timelines, but manual, time-consuming tasks often stall progress. Scigilian's integrated platform eliminates these bottlenecks, enabling scientists to focus on innovation instead of administration. By seamlessly connecting key R&D steps—like molecule registration, assay orchestration, sample management, and data analysis—Scigilian transforms inefficiencies into streamlined workflows. The result? Accelerated research, enhanced productivity, and faster time-to-insight for leading pharmaceutical companies worldwide

In the informatics space, organizations often face the challenge of fragmented solutions that excel in isolated areas but fail to provide seamless end-to-end functionality. Many tools are highly specialized, delivering excellent performance in one domain—such as sample management, data analysis, or data aggregation—while lacking capabilities in others.

This fragmented approach creates unFAIR data & processes, silos, complicates workflows, and increases manual effort, making it harder for teams to collaborate and draw meaningful conclusions quickly. Additionally, closed architectures and poor interoperability make it difficult to integrate or customize these tools, further hindering efficiency and adaptability.

Scigilian's integrated platform eliminates these burdens, enabling scientists to focus on innovation instead of administration. By seamlessly connecting key R&D steps—like molecule registration, assay orchestration, sample management, data analysis, and visualization—Scigilian transforms inefficiencies into streamlined workflows. The result? Accelerated research, enhanced productivity, and faster time-to-insight for leading pharmaceutical companies worldwide.

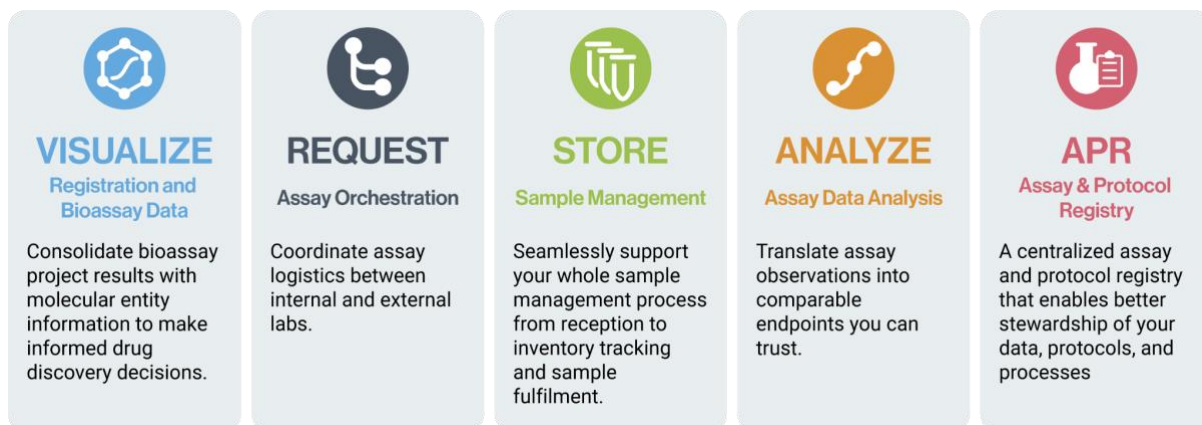
## The Power of Connectivity and Onboarding

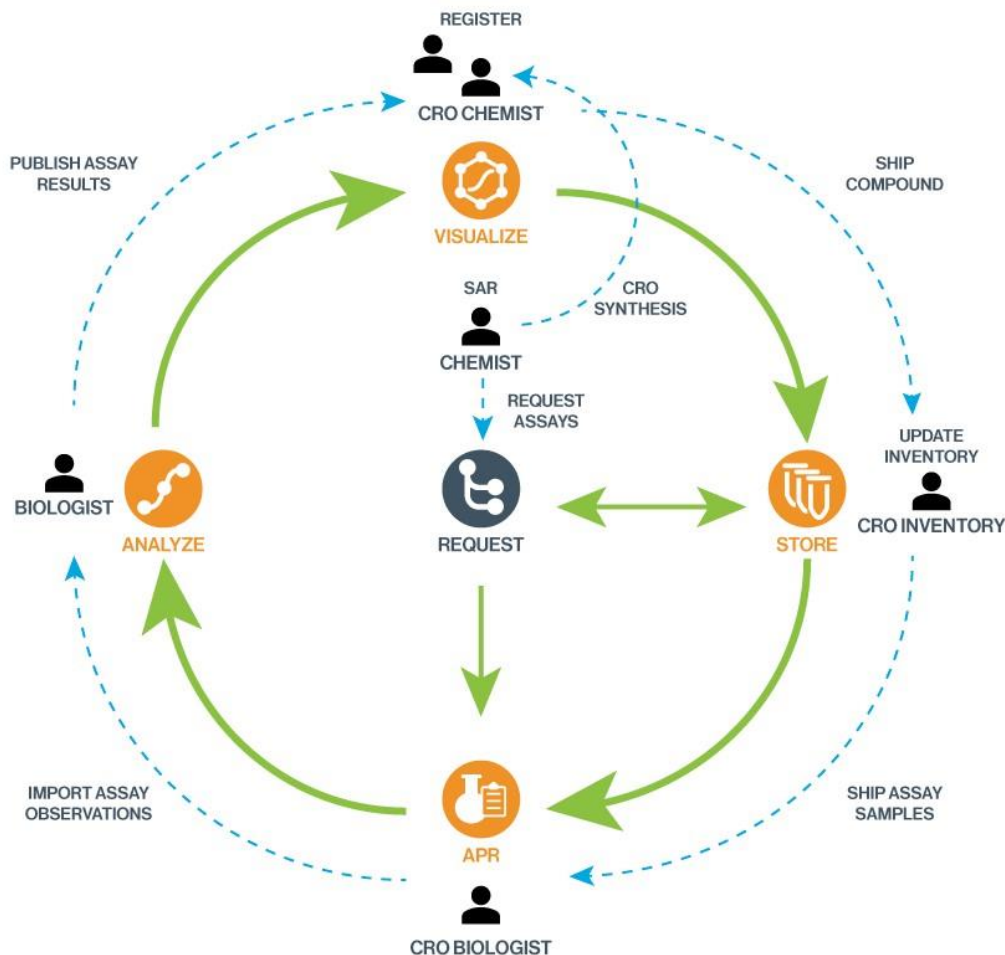
At the heart of Scigilian's offering is a deep understanding of the unique challenges faced by scientific teams in the drug discovery industry. By addressing these pain points through a comprehensive, integrated platform, Scigilian empowers its clients to achieve unprecedented levels of efficiency, productivity, and innovation.

The key to Scigilian's success lies in its seamless connectivity and straightforward onboarding process. Unlike traditional systems that disrupt workflows, Scigilian's solutions integrate effortlessly into existing processes, minimizing the need for extensive training or IT support. This ensures a smoother transition and immediate value for teams.

This user-centric approach is further reinforced by Scigilian's commitment to onboarding and support. The company's team of experts works closely with each client, ensuring a smooth and efficient transition to the Scigilian platform.

From initial setup and customization to ongoing optimization and training, Scigilian's holistic support model ensures that organizations can fully leverage the power of its integrated solutions.





## Consolidate Bioassay Data for Informed Decision-Making

The drug discovery process begins with consolidating data from various bioassay experiments. Scigilian's Visualize™ module allows researchers to easily upload, integrate, and visualize data from different instruments and assays, creating a centralized hub for all experimental results.

Data fragmentation across bioassay experiments creates inefficiencies and increases the risk of errors. Scigilian's Visualize module addresses these challenges by serving as a centralized hub where researchers can consolidate data from diverse assays and studies, linking it directly to the entities (molecules or biologics) under investigation.

Visualize is also the hub where molecules (including small molecules and biologics) are registered, creating a comprehensive view of each sample and its associated data. By aggregating data from various assays and studies with these molecules, scientists gain an easy-to-navigate dashboard that provides a holistic view of the molecule's journey. This enables researchers to draw meaningful inferences and make informed decisions, whether planning the next set of experiments, deciding which molecules to synthesize, or determining which targets to prioritize.

With Visualize, scientists can evaluate the current data, identify areas for improvement, and design new molecules to better meet their objectives. The platform fosters collaboration by allowing data to be securely shared with colleagues, other teams, and external partners, such as CROs. Specific permissions ensure sensitive data remains secure while enabling CROs to log in and upload assay results directly into the system.

Once decisions are made, Visualize supports planning and collaboration with chemistry CROs and internal teams. Researchers can design the next set of molecules, prioritize tasks, assign them to specific teams or CROs, and manage global collaboration—all within one platform. By integrating these critical steps into a single interface, Visualize empowers scientists to accelerate the discovery process and confidently make better decisions.

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## **Streamline Assay Orchestration and Sample Management**

After designing and synthesizing new entities based on insights from Visualize, the next step is to effortlessly and efficiently test and manage these samples. Scigilian's Request™ and Store™ modules work in tandem to seamlessly manage this process, from requesting and tracking compound samples to orchestrating the logistics between internal and external teams.

With Request, scientists can easily plan and submit their samples for testing, transforming the complexities of assay coordination into a seamless process. By automating logistics and ensuring alignment across inventory, compliance, and task management, Request allows scientists to focus on their core scientific goals without being burdened by operational details. Acting as a central coordinator, Request notifies and connects teams across geographies while ensuring every step of the workflow progresses smoothly. It eliminates the manual back-and-forth of email exchanges and spreadsheet tracking, allowing teams to maintain focus on advancing their research.

The complementary Store module then provides comprehensive sample management capabilities, from reception and inventory tracking, to fulfillment and distribution. It tracks inventory in real-time, ensures samples are delivered in the required formats, and facilitates fulfillment to meet assay needs.

Together, Request and Store provide a unified solution for coordinating global workflows, keeping teams informed, and accelerating the path from testing to discovery.

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## **Translate Assay Observations into Actionable Insights**

The final piece of the puzzle is to transform the wealth of experimental data into actionable insights that drive informed decision-making. Scigilian's Analyze™ module is designed to streamline this critical data analysis step, enabling researchers to quickly and accurately interpret their findings.

Analyze automatically translates raw assay observations into standardized, comparable endpoints, helping scientists uncover patterns, trends, and potential leads. Its robust data analysis and visualization capabilities eliminate the need for manual calculations, spreadsheet manipulation, and time-consuming data cleaning tasks, significantly reducing administrative burdens.

Analyze also facilitates seamless global collaboration. External CROs can securely access the system with specific permissions guided by business rules created by internal scientists. This allows CROs to handle bulk data entry and analysis while internal teams focus on complex challenges, accelerating discovery.

With a centralized, intuitive interface for data analysis, Analyze empowers teams to make well-informed decisions, accelerates the identification of promising drug candidates, and streamlines the path to bringing new therapies to market.

The module's advanced analytical tools, coupled with its seamless integration with the rest of the Scigilian platform, empowers scientists to focus on the science rather than the administrative burden.

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## **A Centralized Assay and Protocol Registry for Enhanced Stewardship**

To further streamline the drug discovery process, Scigilian's Assay Protocol Registry™ (APR) module offers a centralized assay and protocol registry. This powerful solution enables better stewardship of data, protocols, and processes, ensuring organizations can effectively manage their valuable intellectual property and maintain regulatory compliance.

With APR, teams can easily store, track, and update their assay protocols, ensuring the latest versions are accessible to all relevant stakeholders. This not only promotes consistency and collaboration, but also helps organizations safeguard their proprietary information and adhere to industry standards.

Additionally, the APR module serves as a centralized hub for managing the various data, samples, and experiments associated with each protocol. This holistic approach to stewardship allows pharmaceutical companies to streamline their operations, reduce errors, and make more informed decisions throughout the drug discovery lifecycle.