

VIDEO TRANSCRIPT

INTIENT™

RESEARCH

The INTIENT platform enables insights and collaboration across life sciences and healthcare.

INTIENT's core capabilities include:

- a compliant and secure infrastructure,
- machine learning-ready data management tools,
- DevOps and testing tools, and
- common runtime.

INTIENT also includes specific capabilities across four product suites:

- Research
- Clinical
- Pharmacovigilance and
- Patient

The platform is powered by Google Cloud and supported by the INTIENT network partner ecosystem, giving access to independent software, services, hardware and content providers on Google Cloud's open architecture.

Google Cloud's innovative technology also enables secure, compliant application of AI and advanced analytics.

Let's have a closer look at INTIENT Research:

The INTIENT Research is a powerful product suite for research teams and their fulfillment partners.

Using five key solutions, the complete research workflow and processing of the resulting test data is united in one comprehensive platform.

Today, we will focus on two solutions and how they are used to enhance every-day research tasks.

Let's join principal investigator Eric, who wants to submit a request for his team to run a Plasma Protein Binding assay on his lead compound.

He enters the INTIENT Request Management portal and starts a new request for scientific services.

He selects the option to request a Plasma Protein Binding Assay.

He provides the required information for new requests and makes sure that his colleague Sam gets notified of any progress updates.

He selects his lead compound, and fills out the details for his assay.

Upon reviewing the request details, he submits it, and is taken back to his personalized request dashboard.

The request is routed to the laboratory head Brenda Smith, who is in charge of approving and managing research requests.

She reviews the request details and determines that Tina Jones, who works at an external partner organization, is the most suitable person to perform the requested experiments.

She forwards the request to her by entering her name in the interface.

Tina and her team are well-equipped to fulfill Eric's request.

Tina receives the assay request within INTIENT Research, reviews the assay details and runs the requested tests.

After completing the experiment, she uploads the results to INTIENT and marks the request as complete. The system notifies Eric about the completed request.

Without any manual emailing or data transfer between different tools, Eric's team has received their needed assay data quickly and efficiently.

Now let's see how the Data Discovery module — part of the Research Data Fabric & Decision Support solution — helps Eric's team leverage research data.

Eric is assessing the potential liver toxicity of a particular drug.

He enters the Data Discovery module inside INTIENT Research, and searches for all available assay results on this drug.

He uses a quick filter to select the results from the ALT and AST liver toxicity assays.

Upon further review, he takes the values and includes them in his report.

When the data scientist Cindy Murphy is asked to create a predictive liver toxicity model, she uses her favorite data science tool RStudio to retrieve the relevant data from INTIENT Research by writing a few lines of R code to connect to INTIENT's data access APIs.

The flexible APIs provide her with a rich filter syntax that allow her to download, inspect, analyze, and model all relevant data.

Research teams benefit from the ease of use and powerful tracking and collaboration options that the INTIENT Research suite offers.

By combining the streamlined workflow of the Request Management solution with the great flexibility of Data Discovery, your drug research and discovery can be brought to the next level.

These are just a few of the solutions available within the INTIENT Research product suite,

which is an integral part of the INTIENT platform, a comprehensive, unique platform that enables insights and collaboration across life sciences and healthcare.

Please visit our website at [Accenture.com/INTIENTResearch](https://www.accenture.com/intientresearch) to learn more.