

Case Study: Judi in Remote Monitoring and Medrio EDC Integration Solves for Holistic Sponsor Workflow Requirements

Prominent international biotech partners with AG Mednet and Medrio for holistic solution to remote monitoring and electronic data capture (EDC) on three-year global clinical program of 10 studies

The Current State of Clinical Development

A survey by Tufts CSDD of 206 sponsors and CROs found that 60% utilized remote monitoring for source document review, with remote monitoring being utilized in 72% of trials. On-site monitoring makes up a significant portion of a sponsor's clinical trial budget, with the average cost of a CRA's on-site visit ranging from **\$800 to \$1,000 per week**. In contrast, remote monitoring allows for 2-3 visits per week, addressing the growing trend of limiting non-essential on-site visits.

Medrio, a leading eClinical solutions provider, was presented with an opportunity when a trial sponsor partner sought consultation on strategy and practical implementation of the best monitoring strategy (in-person vs. remote) for their upcoming clinical program. Medrio and AG Mednet were able to successfully collaborate and demonstrate the value in having an electronic data capture (EDC) system integrated with **Judi in Remote Monitoring** to conduct and manage the process of remote monitoring, complete with single sign-on capabilities.

Working with Medrio and an international biotech sponsor, AG Mednet successfully implemented Federated Single Sign On for a 3-year clinical program using Judi in Remote Monitoring.

Solution

The sponsor, working with Medrio's EDC System, opted to utilize **Judi in Remote Monitoring** under a three-year agreement, encompassing 10 global studies.

Implementing Federated Single Sign On

A primary focus has been implementing Federated Single Sign On (SSO), enabling CRAs to effortlessly access both the Judi platform and their Electronic Data Capture (EDC) system without the need to log-in repeatedly. With the correct credentials in place, users can simply click on a link within Medrio's EDC system and be directed straight to Judi, thanks to the seamless Federated SSO integration.



Embarking on SSO integration required only a few hours total for both teams. On AG Mednet's end, setting up Federated SSO takes mere minutes, with 2-3 hours of testing collaboratively with Medrio to streamline the EDC login process. Generally, this time investment varies slightly depending on the EDC system modifications and the specific authentication service utilized, such as Microsoft Azure.

“This achievement is a testament to what can be accomplished when the right partners collaborate. Bringing the right people together made this integration effortless and successful.”

– Don Wright, Director of Client Engagement, AG Mednet

Circle of Trust

The integration process involved the exchange of XML output files, which facilitated the creation of new entities associated with these files. This was mirrored on Medrio's end, establishing a “circle of trust.” Specific parameters were adjusted to ensure seamless interoperability.

The Integration Workflow

- Medrio shares their SAML (Security Assertion Markup Language) configuration metadata XML file with AG Mednet, detailing their endpoints, certificates, and supported bindings.
- AG Mednet processes and validates Medrio's metadata XML file, enabling the creation of a Circle of Trust with Medrio as the Identity Provider (IdP).
- Conversely, AGM provides Medrio with our metadata XML file, which outlines our Service Provider (SP) configuration including endpoints, certificates, and supported bindings.
- Medrio validates AGM's metadata XML file, facilitating the establishment of the Circle of Trust with AG Mednet as the SP.
- Together, AG Mednet and Medrio conduct thorough testing of the SSO integration to ensure a seamless user experience.

Biotech ROI

- Number of subject visits per study: **1,200**
- Cost of travel* per CRA on-site monitoring visit: **\$800**
- Number of subject visits reviewed per monitoring visit: **6**
- On-site monitoring travel costs per study: **\$160,000**
- AG Mednet remote monitoring costs per study: **By Request**

Program Savings

\$880,000

ROI

124%

Request a demo

Contact us to learn how Judi enables life sciences organizations to define, implement, and adhere to any clinical trial process.