

Saama's Site360

Agentic Approach to Site Selection

Transform site selection from an educated guess into a strategic, data-driven decision



About

Saama's Site360 transforms site selection into a strategic, data-driven process. By combining **Agentic AI** with **Real-World Data (RWD)**, the platform identifies sites with the highest concentration of eligible patients and evaluates infrastructure and resources, including: physical facilities, specialized equipment, laboratories, and secure storage needed to conduct the trial according to protocol. Investigators are evaluated based on past performance and, where available, regulatory and ethical compliance, including GCP adherence and IRB/Ethics Committee approval efficiency. This intelligent approach accelerates study start-up, minimizes recruitment delays, and improves the probability of trial success through smarter, evidence-based decisions.

Benefits

Strategic, Patient-Centric Selection

AI Agents incorporate demographic data during the protocol design phase, improving trial performance and inclusivity.

Smarter Resource Allocation

Composite scoring ranks sites and Principal Investigators (PI) against multiple weighted criteria, helping sponsors focus on the most promising options.

Higher Trial Success Rates

Mid-study optimization agents analyze enrollment rates, compliance, and data quality, proactively increasing the probability of success.

Risk Mitigation Through Simulation

"What-if" scenarios allow sponsors to anticipate challenges and refine site strategies before issues arise.

Features

- ✓ Site cohort matching and investigator evaluation
- ✓ Global patient access optimization with RWD
- ✓ Site and PI scoring based on protocol and performance
- ✓ Mid-study optimization tracking enrollment rates against targets
- ✓ Predictive dashboards and quality alerts
- ✓ GenAI assistant for recommendations and documentation

AI Agents that Power Site360

At the core of Site360 are **specialized AI Agents**: autonomous, adaptive, and purpose-built for clinical development. These Agents work together to transform site and PI selection from static analysis into an **intelligent, continuously optimized process**.



PI Scorer Agent

- Match investigators to protocol design and patient alignment
- Score PIs based on past recruitment and trial outcomes



Planning Agents

- Match sites and investigators to protocol-specific patient cohorts
- Simulate and score strategies to rank the most promising options



Trial Monitoring Agent

- Track enrollment, data quality, and compliance mid-study
- Recommend timely interventions to improve outcomes



Global Patient Access Agent

- Model RWD to determine optimal country and site mix
- Identify regions with high concentrations of eligible patients



Prediction & Monitoring Agents

- Forecast enrollment with predictive algorithms
- Deliver real-time dashboards with compliance and diversity alerts



Site Scorer Agent

- Rank sites against protocol requirements and patient volume
- Assess historical site performance and compliance



GenAI Assist

- Provide natural language explanations and recommendations
- Generate regulatory-ready documentation and summaries



The Saama Difference

Unlike traditional approaches that rely on historical assumptions, Site360 uses intelligent, autonomous AI agents that continuously learn and adapt to evolving trial dynamics.

With a **digital protocol foundation** at its core, Site360 creates a unified ecosystem of standards-driven digital objects that enhance consistency, traceability, and reusability across trials. This transforms site selection from a logistical task into a **strategic advantage** that empowers smarter, faster, and more successful clinical trials.

Contact us at info@saama.com to schedule a personalized demonstration.