



Smart Programming Analysis & Computing Environment (SPACE)

Save Time and Reduce Reliance on Programmer Expertise

A single biostatistics and programming solution for clinical study design, management, and regulatory review.


SPACE Use Cases

- Medical monitoring and trial safety (patient and trial-level algorithms)
- Study risk management (patient data KRI/study data integrity)
- Cross-trial analysis (integrated safety and efficacy summary)
- Adaptive trial design and execution (e.g., sub-population research and treatment arms reduction)
- Trial data transparency and sharing

Modern, viable, and futureproof, Saama's Smart Programming Analysis & Computing Environment (SPACE) makes it easy for biostatisticians and programmers to collaboratively analyze and interpret data and publish study results.

A single, shared interface—connected to a central, secure data repository that holds your current and historical clinical data—supports dozens of IDEs and programming languages so users can use their preferred tools and still work together.

SPACE Helps Programmers and Biostatisticians Accelerate Their Work

Security	Controlled access and permissions for objects and actions.		
Collaboration	Workspaces 		Experimentation Run Programs or jobs/track compare and validate output.
	Reusability Publish and productionize work in the global repository.		
Full Integration	SPACE comes fully integrated with Clinical Data Hub (CDH), enabling end-to-end solution approach for the whole data journey.		
Regulated Environment	Audit Trail Trace the origin and detail of all activities.	Version Control Process control and traceability of the data files within the system.	Configurable Folder Structure Allows users to request and create/change the repository folder structure through templates.
	Versatility Data handling from different sources and structures.		Submission Outputs Enables programmers to create SDTM, ADaM, and TLGs.
Fast Output	Self-Serve Exploratory Analysis Enables data scientists to perform descriptive and ML-facilitated predictive analysis.		

Accelerate Your Drug Development Process with SPACE

Whether you're conducting traditional studies or adaptive trial designs with multiple cohorts and sub-studies, SPACE offers a host of benefits that make programming, research, and administrative tasks more simple, effective, and scalable, from study set-up and ongoing quality review to final regulatory submission.

Collaboration

- File and folder management with version control
- Search and catalog support for structured and unstructured data
- Controlled external tool access for data provisioning
- Configurable status management for files, programs, and datasets
- Intuitive workflow for enabling document lifecycle status across stakeholders

Pipeline and Integration

- CDH integration for clinical data and metadata (structured and unstructured)
- Auto-generation of transformation specifications from unstructured documents (Protocol, SAP, etc.)
- Library management for SDTM/ADaM/TLF
- Management of global study, study snapshot, and study pool metadata
- Configurable job builder with workflow and notifications

Integrated Applications

- Pre-built integration to standard clinical programming editors and IDEs
- Machine learning and models management (AutoML)
- Clinical models library for predictive use cases
- Resource and workload monitoring for improved utilization
- Document exchange for managing collaboration

Data Provisioning

- Web services framework for inbound and outbound integration
- File browser with access control
- IDE integration (containerized and non-containerized)
- Plugins to integrate quality check, compliance (e.g., P21 tool) and anonymization tools

Administration

- Template management for folder structure set up
- Study lineage and impact analysis for metadata change management
- Task request management for improved workflow
- QC framework for submission pathway review
- Programs, dataset, output dependency analysis for metadata change management
- Roles and user groups for enhanced security management
- Job configuration templates for improved job management

Foundational

- Security framework at both global and study levels
- Self-serve reporting (usage, lineage, and dependency analysis)
- Audit trails (21 CFR Part 11 adherence)
- Self-serve notification and task management

Get Started Now

SPACE is technology agnostic and sits conveniently on top of your existing infrastructure. To learn more and arrange a demo, **contact Saama today.**

About Saama Technologies, Inc.

Saama is the #1 AI clinical analytics platform company, enabling the life sciences industry to conduct faster and safer clinical development and regulatory programs. Today, 50 biotech companies—including many of the top 20 pharmaceutical companies—use Saama's award-winning Life Science Analytics Cloud (LSAC) platform to accelerate more than 1,500 studies. LSAC's rich applications facilitate unprecedented and authoritative oversight of comprehensive clinical research data, enabling companies to file New Drug Applications (NDAs) more efficiently and bring drugs to market faster. Discover more at www.saama.com and follow @SaamaTechInc on Twitter.



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