

ENGINEERING INTELLIGENCE. DELIVERING CONFIDENCE.



Software Engineering, Geospatial Intelligence

We deliver software engineering, geospatial intelligence, Artificial Intelligence, workflow automation, and enterprise technology solutions to clients across the United States and Canada.

DELIVERY HUBS INDIA · SRI LANKA · UAE

SERVING UNITED STATES · CANADA

SECTOR · ASSESSMENT-GIS-AI

ABOUT SYSH

Who We Are

SYSH is one of three independently operated technology companies under common ownership and strategic partnership, with established operations in India, Sri Lanka, and the United Arab Emirates (UAE). Each company is an independent legal entity, enabling flexible engagement models while leveraging shared technical expertise, engineering resources, and domain knowledge.

GLOBAL PRESENCE – DELIVERY HUBS

SYSH Innovations

INDIA

Software Engineering •
Artificial Intelligence •
Product Development

Synet Technologies Lanka

SRI LANKA

GIS Services • Geospatial
Production • Quality
Assurance

Synnamon Technologies FZC

UNITED ARAB EMIRATES
(UAE)

Business Development •
Strategic Partnerships •
Commercial Operations

OUR ROLE Technology Partner to Government Contractors and Enterprise Clients

Together, the group delivers Software Engineering, Geospatial Intelligence, Artificial Intelligence, Workflow Automation, and Enterprise Technology Solutions to clients across the United States and Canada.

Our collaborative operating model enables us to assemble the right combination of expertise for every engagement while providing the flexibility to contract and deliver through the most appropriate regional entity based on client, commercial, and regulatory requirements.

“Understand the client's business. Engineer technology that creates lasting value.”

OUR OPERATING PHILOSOPHY

This philosophy has guided our engineering decisions for more than a decade, enabling us to deliver reliable, high-quality geospatial and software solutions while continuously investing in innovation, Artificial Intelligence, and workflow automation.

CLIENT MARKETS

United States · Canada

CORE SECTOR

Property Assessment & Appraisal

EXPERIENCE & CAPABILITIES

More than a decade of Large-Scale Geospatial Delivery

For more than a decade, SYSH has delivered large-scale geospatial production and software engineering services in support of property assessment programs across North America. Our strength lies in combining proprietary software, automation, and AI-assisted workflows to transform complex spatial datasets into reliable, production-ready deliverables with exceptional quality and consistency.

OUR ENGINEERING TEAMS SPECIALIZE IN

- GIS & Spatial Intelligence
- Paper Sketch Digitization
- Building Footprint Creation & Correction
- Property Assessment Solutions
- Sketch Verification using Aerial Imagery
- Enterprise Workflow Solutions

Software Engineering

Productivity Tool Development

Artificial Intelligence & Workflow Automation

PROPRIETARY TECHNOLOGY

Our proprietary technology platforms enable intelligent production management, workflow automation, quality control, and enterprise-scale geospatial operations, allowing our teams to deliver projects faster while maintaining consistently high quality standards.

DELIVERY APPROACH

We combine experience of engineering professionals with proprietary software platforms and AI-assisted workflows to deliver scalable, secure, and production-ready geospatial solutions that integrate seamlessly into our clients' operational environments.

CAPABILITY HIGHLIGHTS

Over the Years

Our experience reflects a proven ability to execute large-scale geospatial production while consistently delivering measurable business value.

1.5M+

Paper sketches digitized with approximately 98% accuracy

15M+

Sketch verifications completed using aerial imagery

500K+

Building sketches drawn or corrected

SCALE OF DELIVERY

70

Counties served

20

States supported

150+

Projects successfully delivered

MAJOR PROJECT HIGHLIGHTS

Proven at County Scale

CLARK COUNTY, NEVADA

Property Assessment Modernization

760,000

Paper Sketch to Digital

800,000

Sketch Verification

163,000

Sketch Correction from Aerial Imagery

Clark County required the modernization of approximately 760,000 paper building sketches as part of a county-wide property assessment initiative.

SYSH successfully digitized the entire dataset with approximately 98% accuracy, followed by the verification of nearly 800,000 building sketches against aerial imagery within three months. During verification, our engineers identified more than 163,000 building discrepancies, representing over 20% of the dataset. These findings were reviewed and accepted by the County for correction using measurable imagery.

The successful completion of the project reinforced SYSH's capability to deliver large-scale property modernization programs involving digitization, aerial imagery verification, and sketch correction within demanding production schedules.

DETROIT, MICHIGAN - 220,000 paper sketches

An Integrated Three-Stage Workflow

Detroit launched a major property assessment modernization initiative to improve the quality and reliability of its property records.

SYSH implemented one of its first fully integrated three-stage production workflows, combining paper sketch digitization, automated quality control, imagery verification, and workflow automation. Custom software developed in C++ and C# enabled real-time validation of sketch data, significantly improving production efficiency and quality.

The successful delivery of the project earned an appreciation letter from Apex Software recognizing our team's hard work, dedication, and attention to detail.

PALM BEACH COUNTY, FLORIDA

692,720 Parcels Verified

Palm Beach County required a comprehensive sketch verification and CAMA validation program covering approximately 692,720 parcels.

Using SyGIS, SYSH developed a GIS-assisted verification workflow that integrated CAMA validation, spatial work allocation, imagery verification, and point-based discrepancy collection. Approximately 36% of the reviewed properties were identified with discrepancies and categorized for further assessment.

The project demonstrated the flexibility of our software platform in supporting complex property assessment workflows across large county datasets.

TECHNOLOGY & INNOVATION

Innovation Is Central to Everything We Do

Our software engineering teams continuously develop proprietary tools that improve quality, productivity, and operational efficiency.

45%

By combining Artificial Intelligence with our engineering expertise, we transformed a critical production workflow, reducing delivery time by 45% while consistently delivering the quality, accuracy, and reliability our clients expect.

OUR CORE TECHNOLOGY PLATFORMS INCLUDE

- draftEzy – Cross-platform building sketching solution
- SyGIS – ArcGIS plug-in for sketch verification, GIS analysis, workflow automation, and quality assurance
- Enterprise desktop applications developed in C++ and C#
- Custom workflow automation tools
- AI-assisted production workflows

CORE SERVICE LINES

SERVICE 01

Paper to Digital Sketch

Conversion of paper-based property sketches into digital format.

SERVICE 02

Sketch Verification Over Aerial Imagery

Verification of digitized sketches against aerial imagery.

SERVICE 03

Sketch Correction & Footprint Drawing

Sketch correction and drawing of footprints from measurable imagery.

BUILT ON EXPERIENCE

Built on Experience. Powered by Innovation.

Clients choose SYSH because we combine deep technical expertise with a practical understanding of business processes.

01 Proven Government Delivery

Proven delivery of large-scale government modernization projects.

02 Software Engineering

End-to-end software engineering for enterprise applications.

03 AI-Assisted Automation

AI-powered workflow automation that improves productivity and accuracy.

04 GIS & Property Assessment

Extensive expertise in GIS, geospatial production, and property assessment.

05 Proprietary Technology

Purpose-built platforms and proprietary tools that improve efficiency, accuracy, and scalability.

06 Trusted Long-Term Partnerships

Long-term client relationships built on quality, reliability, and consistent delivery.

**We believe technology should do more than automate processes
—it should create measurable business value and enable
organizations to make better decisions with confidence.**

COMPANY

SYSH Innovations

CONTACT

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DOCUMENT

Company Profile