SAAT TEKNOLOJİ

Corporate Profile, Technology Capabilities & R&D Collaboration

AI-powered video intelligence • Multimedia technologies • Integrated digital platforms

INTERNATIONAL PARTNERING PROFILE

1. Corporate Profile

Founded in 2017, SAAT Teknoloji is a Turkish technology company focused on software products and digital solutions, with particular experience in video, media, streaming, and AI-enabled technologies. The company's R&D Center was officially recognized by Türkiye's Ministry of Industry and Technology in 2024.

SAAT combines product development and applied R&D with experience in deploying integrated technology solutions for media and digital service environments. Its approach is to understand operational and sector-specific needs, combine relevant technical capabilities, and develop scalable solutions that can be integrated into customers' business processes.

Core areas of activity

- **Video and media technologies:** video content management, encoding, transcoding, packaging, live streaming, and content delivery.
- **Artificial intelligence:** AI-powered video understanding, computer vision, image processing, content analysis, and automated content enrichment.
- **Software and platform engineering:** integrated digital platforms, application development, system integration, and workflow automation.
- **Data and analytics:** data processing, reporting, analytics, and intelligent content-related services.
- **Scalable infrastructure:** streaming and content delivery architectures designed for demanding digital media environments.

ATLAS Product Suite

Product	Main focus
ATLAS CMS	Video lifecycle and content management, metadata, posters, and EPG management.
ATLAS CRM	Subscriber management, segmentation, and device management.
ATLAS Encode	Offline transcoding, HLS/MPEG-DASH packaging, and DRM-related workflows.
ATLAS Analytics	Content and subscriber analytics and reporting.
ATLAS Compass	Recommendation capabilities for digital content services.
ATLAS Sense	AI-based content enrichment and analysis.
ATLAS CDN	Content delivery infrastructure, including origin, mid-tier, and edge components.
ATLAS Live Stream	Live video ingest, processing, adaptive bitrate streaming, and DVR-related capabilities.

2. Technology Capabilities & R&D; Experience

AI, Computer Vision & Video Intelligence

- AI-powered video understanding and visual content analysis.
- Computer vision and image-processing capabilities for extracting information from video and image data.
- Detection and analysis of visual objects, scenes, events, and content characteristics, depending on the application requirements.
- Automated content enrichment and metadata generation to make multimedia assets more structured, searchable, and reusable.

Multimedia Processing & Streaming

- Video encoding, transcoding, packaging, and adaptive streaming workflows.
- Live video ingest and processing, including integration of streaming protocols and real-time media pipelines.
- Content management and delivery architectures for VOD and live media services.
- Integration of media processing components into larger digital platforms and service environments.

Software, Data & Platform Engineering

- Development and integration of modular software products and digital platforms.
- Workflow orchestration across media lifecycle processes.
- Data processing, analytics, reporting, and integration with operational systems.
- AI-enabled services and integrations that connect media data with wider application workflows.

Selected R&D; and collaboration context

SAAT has experience in national and international R&D collaboration activities and has worked on technology development topics involving AI, multimedia processing, video compression, content analysis, and media restoration. The company has participated in TÜBITAK-supported R&D projects and is actively exploring European and international collaborative R&D programmes.

Relevant ecosystem and customer experience

SAAT’s media technology activities have involved customer and integration contexts including Türk Telekom Tivibu, Türksat TV Her Yerde, Turkcell TV+, and sportstv platform. These relationships provide context for the company’s experience in media platforms and digital content services; specific project references and demonstrations can be discussed where appropriate.

3. Cross-Sector Innovation: Hospitality

Extending core technology capabilities into a new industry domain

SAAT Teknoloji’s approach to innovation is not limited to developing solutions within its established media technology domain. The company also applies its software engineering, platform development, media technology, and integration capabilities to address the needs of new industries.

The Hospitality solution is an example of this cross-sector approach. SAAT developed an end-to-end digital platform designed to address the comprehensive digital infrastructure needs of the hospitality sector within a unified solution.

A distinctive element of the solution is the integration of media services. Through the platform, hotels can offer content from Türk Telekom Tivibu to potential customers, creating an additional content distribution and commercial opportunity alongside the platform’s hospitality-related capabilities.

Market development

The solution has attracted significant interest in the Dubai market, and commercialization discussions are progressing. This provides an example of SAAT’s ability to take its technology and product development capabilities into a new sector and explore opportunities in international markets.

> **What this demonstrates**
>
> SAAT identifies sector-specific needs, combines relevant technological capabilities, develops an integrated solution, and pursues commercial opportunities beyond its original market domain.

Relevance to international R&D; partnerships

The same approach can be applied to other sectors where visual data, real-time monitoring, and intelligent digital services can address practical challenges. Potential application areas should be defined together with industrial partners based on their actual operational needs.

4. Potential R&D; Collaboration Areas

SAAT is interested in extending its existing technology capabilities into new application domains in collaboration with industrial partners and research organisations. The following are potential R&D directions, not claims of already-commercialized products in these sectors.

Application domain	Potential R&D; directions
Environmental Monitoring	Video-based observation of environmental conditions; visual detection of relevant events or changes; integration of image/video-derived information with sensor and contextual data.
Traffic Safety & Smart Mobility	Real-time visual event detection; traffic and road-user monitoring; identification of safety-related situations; integration of video analytics outputs into monitoring and decision-support workflows.
Port Logistics & Infrastructure	Visual monitoring of operational areas; event and activity detection; support for situational awareness; integration of video intelligence with operational systems and other data sources.
Industrial Monitoring	Computer-vision-based monitoring and inspection concepts; detection of visual anomalies or process events; integration with industrial data and workflow systems.
Digital Media & Content Intelligence	Multimedia analysis, automated metadata enrichment, intelligent indexing, content search, and reusable media-processing components.

Preferred collaboration partners

- **Industrial SMEs and technology companies:** companies with concrete industrial or operational challenges in environmental monitoring, smart cities, traffic safety, infrastructure, manufacturing, or logistics.
- **Universities and research institutes:** teams working in AI, computer vision, image processing, sensor fusion, real-time data analytics, and related applied research fields.
- **Consortium approach:** start with a clearly defined industrial problem, identify the required technical contributions, and build a complementary SME–research partnership around a feasible R&D plan.

Potential contribution formats

Depending on the project scope and partner needs, SAAT could contribute through the development of AI-powered video analysis components, multimedia processing modules, automated content-enrichment services, integration components, prototypes, and technical validation activities.

5. International R&D; Collaboration

SAAT Teknoloji is interested in building long-term partnerships with companies and research organisations across Europe and other international markets. The company's preferred model is problem-driven collaboration: identify a real operational or industrial challenge, define a measurable R&D objective, and combine complementary capabilities to develop and validate a solution with potential for commercial exploitation.

Potential collaboration frameworks

- International SME-oriented collaborative R&D programmes.
- European collaborative R&D and innovation programmes, subject to the relevant call conditions and partner eligibility.
- Bilateral or multilateral applied R&D projects involving industrial companies and research organisations.

What we would like to explore with partners

- Concrete industrial use cases where video intelligence and real-time analytics can create measurable value.
- Complementary expertise in sensors, edge computing, domain-specific systems, data platforms, and applied research.
- Joint development of reusable technology components, demonstrators, and prototypes.
- A clear route from R&D results to integration into products, services, or operational environments.

SAAT TEKNOLOJİ

Enis Gökçek | R&D Center Coordinator

enis.gokcek@saatteknoloji.com, Türkiye

For further information, company presentations, product details, and demonstrations, please contact SAAT Teknoloji.

Note: This document provides a high-level overview of SAAT Teknoloji's capabilities and potential collaboration areas. Specific technical scope, references, demonstrations, and partner roles can be discussed and validated for each prospective project.