

Security and Surveillance



Safe City



Critical Infrastructure



Transportation and Mass Transit

Demand for security systems and surveillance equipment is fuelled by increased security concerns globally, increased investment in developing countries, lower system costs and increased system intelligence.

Mahindra Satyam's Integrated Engineering Solutions (IES) is a reliable partner providing a range of Security and Surveillance services uniquely tailored to address the market requirements. IES has been constantly striving to embed intelligence into products which makes our lives and places around us safer and easier.

Practice Highlights

- Capability in risk assessment, vulnerability testing and developing technology/solution architecture
- Capability to develop intelligent software using tools and analytics like Geospatial Analysis Tool, Video Analytics
- Matured alliance ecosystem to execute projects
- Dedicated labs for Digital Signal Processing (DSP) and Controls
- Flexibility to build a new video security infrastructure and scalability to enhance an existing network with our open architecture for video analytics algorithms

Areas of Expertise

Safe City

- City Surveillance
- Perimeter Security

Critical Infrastructure

- Gas/Oil pipelines
- Refineries and storage facilities
- Communication networks
- Dams/Power generation plants
- Water/Power distribution installations

Transportation and Mass Transit

- Airports
- Railways – Mass Rapid Transit, Light Rail Transit
- Ports & coastal terminals

Solution Areas

Consulting

- Third party due diligence
- Technology advisory services
- Fraud and Forensic advisory services

System Integration

- Access control & Video surveillance
- Command and Control
- Data centre (Infrastructure Management Services)
- Emergency response
- Infrastructure construction/Erection/ Installation
- Advanced vehicle location tracking system - AVL
- Disaster recovery & Business continuity

Geospatial Analysis (3D GIS)

- Systems and infrastructure assessment
- Blast models (3D) and wave analysis
- Facility condition and vulnerability assessment
- HVAC analysis of civil structures
- GIS Hazus, Dirty Bomb analysis, compliance to FEMA 426
- Building information modeling
- Plume analysis and Crime mapping
- Weighted risk analysis
- 3D SWOT, Proximity, Smoke view and Buffer analysis
- Spatial decision support systems
- Tornado damage analysis

Video Analytics

- Integration of disparate video sources - Digital and Analog video
- Video surveillance application development for remote monitoring and control
- Algorithms for face detection and recognition, object detection and tracking, motion sensing, object segmentation, intrusion detection/ theft Detection, suspicious object detection and alert

Value Added Services

- Mobile security solutions

Imagery Analysis (Real Time)

- Satellite view
- Integrated building (CAD) view

Value Proposition

- Leading provider of security application services in cloud environment
- Advanced integrated solutions in the field of intrusion detection, access control and fire monitoring using video surveillance with ease of installation and deployment
- Complete program management responsibility for system integration security projects
- End-to-end capability starting with product development to system integration

Contact

To know more, write to rfi@mahindrasatyam.com