

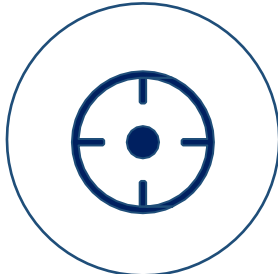
# AST Software Solutions

## Company Profile

# Content Overview



ABOUT US



OUR CULTURE



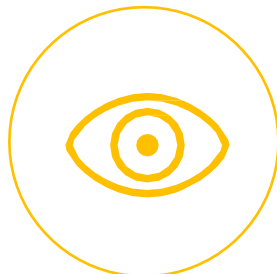
SERVICES



PRODUCTS



WHY US



TRADEMARKS  
& COPYRIGHTS



OUR CUSTOMERS



CONNECT WITH US

# About Us



- AST Software Solutions is a division of Advanced Sys-tek Pvt. Ltd. (AST) which is a leading Software Solutions and Industrial Solutions provider for 33+ years.
- We are a Consummate Software Company offering Custom Software Development and Software Products that enables the organizations to achieve business growth and improved user experience.
- Our services and products offering varies from small standalone software application to Plant Automation software solutions covering the entire spectrum of software technologies/platforms viz. server / desktop, web, cloud, analytics, embedded, mobile etc.
- Our dedicated and passionate team of professionals uses best industry practices combined with the best-in-class technology to drive digital transformation for future-ready businesses.
- Our proficiency in understanding business challenges and professional competence for delivering software solutions allows us to provide a better experience for our customers.



**1988**  
Year of  
Foundation

**1999**  
Became a part  
of Emerson  
Electric Co.

**2007**  
Became  
Independent  
Company

**2012**  
General Electric  
acquired  
controlling  
stake

**2018**  
Became  
Independent  
Company

Microsoft Partner

ORACLE

Partner

# Our Culture



## Vision

To be the most preferred partner for Software and Digital Solutions in any industry across the world.

## Mission

To enhance business growth and reliable competitive advantage to our customers with creative and next-gen software solutions leveraging digital technologies that creates value.

## Values





**Enterprise Applications** - Custom Software Development to optimize Business Performance [\(View Details\)](#)

**Product Engineering** – Quality Software Product Development meeting Customer's specific requirements [\(View Details\)](#)

**Analytics & Insights** – Innovative Solutions development to transform data assets to actionable insights [\(View Details\)](#)

**Cloud** – Next-Gen Cloud based solution development to accelerate digital transformation [\(View Details\)](#)

**Internet of Things (IoT)** – Solutions development to connect, monitor and control smart consumer/industrial devices, 'Things' [\(View Details\)](#)

**Embedded Software** – Firmware development for varied range of Microcontrollers [\(View Details\)](#)



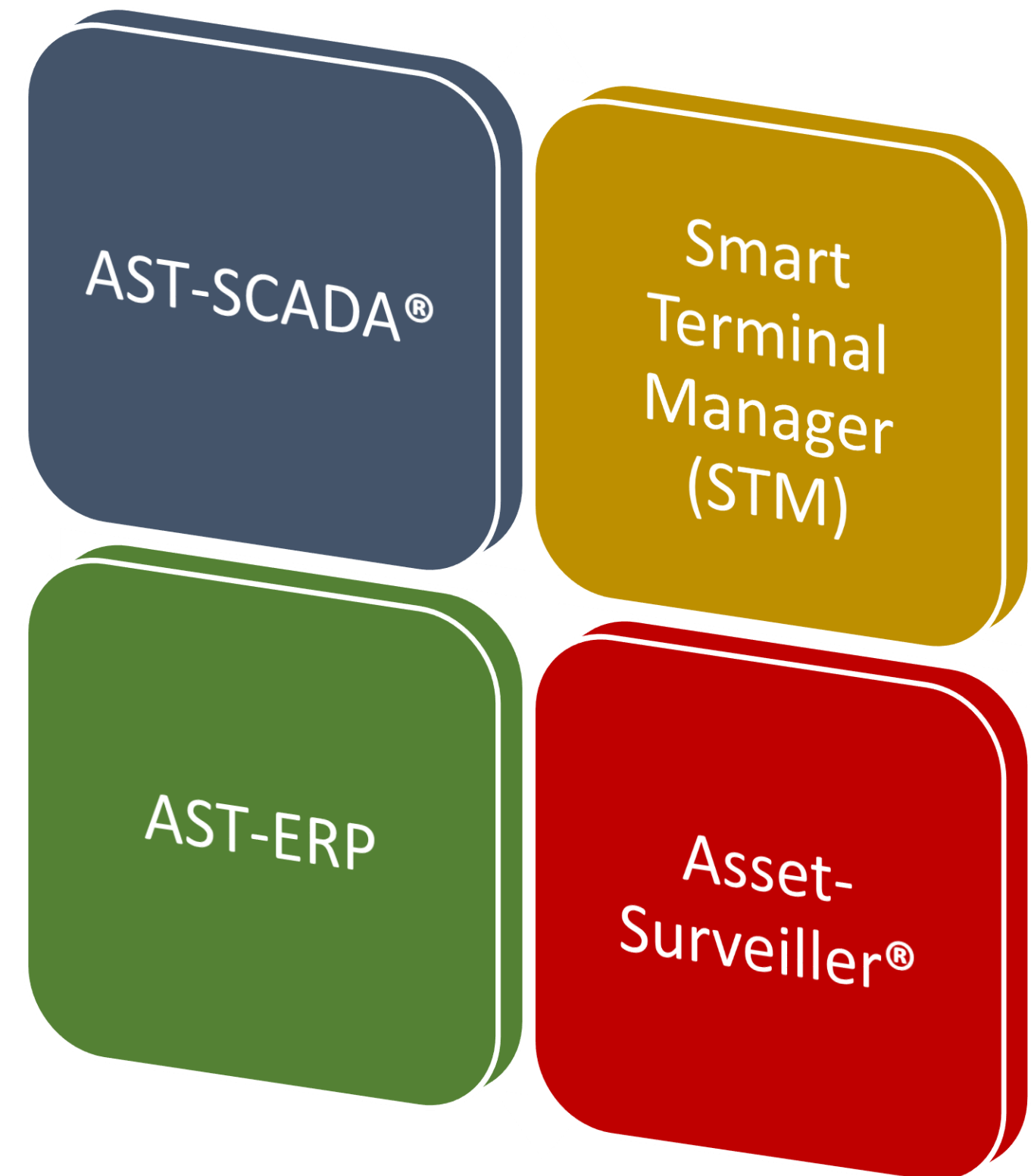
# Products

**AST-SCADA®** – Generic SCADA software package for  
Process monitoring and Automation [\(View Details\)](#)

© **Smart Terminal Manager (STM)** – Terminal Management  
Solutions to facilitate storage and movement of  
Hydrocarbon and Chemical Products [\(View Details\)](#)

**Asset Surveiller®** - Asset Management Software to  
optimized asset availability [\(View Details\)](#)

**AST-ERP** – ERP software to manage daily business activities  
like Procurement, Inventory Control, Supply Chain, Project  
Management, Manufacturing etc. [\(View Details\)](#)



# Why AST Software Solutions



# Trademarks & Copyrights



- AST-SCADA®
- Asset Surveiller®



- © Smart Terminal Manager  
(Registered in USA)



# Our Global Customers

## India & Asia Pacific



## Africa



## Gulf Countries



## Europe



# Connect With Us

## Global Offices:

### INDIA

299 – 300, GIDC,  
Makarpura,  
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# THANK YOU !

# Backup Details



# Services – Enterprise Applications



## Custom Software Development for Improved Business Growth

**We develop custom software solution, irrespective of the size and complexity of the solution**

- Windows service
- Client-server application
- Data acquisition & control application
- Device driver
- ERP application
- Web application
- Mobile application

### Custom Application Development

**We integrate cross-platform customer owned applications, third-party systems**

- Product evaluation & analysis
- Device data integration
- Edge device / IoT-based integration
- Product & data migration
- ERP software integration
- Cloud-based integration

### Application Integration

**We carryout legacy application modernization without losing focus on the core functionalities**

- Architecture design
- Data management
- Application development
- Application modernization

### Application Modernization

# Services – Enterprise Applications



**We act as your  
Digital  
transformation  
partner to drive the  
Digitalization in  
your organization**

- Business need analysis
- Technology selection
- Proof of concept (POC) implementation

**Digital Transformation (DX)**

**We provide  
software  
maintenance and  
support activities  
by effective  
change  
management**

- Change management
- Enhancements & upgrades
- Release management

**Application Maintenance**

# Services – Product Engineering

## Reduced Time-To-Market for Software Product

**We engineer the cost-effective software product on required domain and platform**

- Architecture & prototyping
- Designing
- Windows service
- Windows client-server application
- Web based application
- SaaS & Hybrid application

### Software Product Development

**We carryout re-engineering of existing software without compromising on product's core functionality**

- Legacy application modernization
- UX/UI modernization
- Code refactoring

### Software Product Re-engineering

**We carryout software enhancements to add / improve features**

- Feature addition
- Data management
- Performance improvement

### Software Product Enhancements

## Paradigm Shift from CapEx to OpEx for Future-Ready Business

**We offer cloud consulting and strategy services to design a scalable cloud migration roadmap for future-ready business**

### Cloud Consulting

- Cloud strategy development
- Cloud migration assessment
- Journey management recommendations
- Implementation assessment
- Transformation recommendations

**We provide services to build new cloud-based application and re-engineer, refactor and, re-platform legacy software products for cloud**

### Cloud Engineering

- Architecture design & development
- Cloud Smart SaaS based application
- Hybrid Application

**We offer services of cloud integration between on-premises to cloud, cloud-to-cloud across various third-party software**

### Cloud Integration

- Cloud service integration
- Process integration
- Data integration
- Application integration



**We provide services for seamless migration of legacy applications and storage to cloud**

- Legacy application modernization
- Storage migration
- Infrastructure migration

**Cloud Migration**

**We offer complete Cloud operation services including compute, storage, and connectivity**

- Infrastructure maintenance
- Infrastructure monitoring
- Cloud optimization
- PaaS – compute, storage
- Performance optimization

**Cloud Operations**

# Services – Analytics & Insights

## Make Your Data Do More With Actionable Insights

We help our customers to move siloed data from legacy databases to modern databases for streamlined processes

- Data engineering
- Data transformation
- Data digitization
- Data integration

### Data Modernization

We help businesses to use the data as a change agent deriving actionable insights along with predictive and prescriptive analytics using Artificial Intelligence (AI) & Machine Learning (ML)

- Data mining
- Machine learning
- Artificial intelligence
- Predictive analytics
- Prescriptive analytics

### Data & Analytics

We support in having meaningful visualization, automated reports and dashboards for business KPIs

- Dashboards & visualizations
- Report scheduling & automation

### Business Intelligence

# Services – Internet of Things (IoT)

Get “Inside Out” from Device to Make the Plants Smarter

We provide services to acquire data from diverse range of devices and sensors to enable physical world to meet with the digital world

Internet of Things (IoT)

We help the businesses to have the network of plant equipment / sensors to enable automated, cost-effective operations

Industrial Internet of Things (IIoT)

# Services – Embedded SW Devp.

## Bring Life to the Device for Transition to Edge Device

**We carryout re-engineering of existing embedded software for enhanced performance, security, user experience and reduced cost**

- Legacy software modernization
- Code restructuring & refactoring

### Product Re-engineering

**We carryout embedded software enhancements to add / improve features without compromising core functionalities**

- Feature upgrade & addition
- Porting & data migration
- Performance improvement

### Product Enhancement

**We develop embedded software making the device to function as “Edge Device”**

- Connectivity
- Sensor interface & data concentrator
- Data encryption, data security

### IoT Ready - Edge Computing Device



# Connect With Us

## Global Offices:

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