

**Company Presentation** 

# STERISON TECHNOLOGY PRIVATE LIMITED

Where Ideas Meet Innovation

#### Overview

Sterison Technology Private Limited is an technology company that specializes in providing end-to-end solutions in the field of Industry 4.0. The company offers a range of innovative solutions, including automation, artificial intelligence, IoT, and big data analytics, to help businesses optimize their operations and drive growth.

**Company Overview** 

# About Sterison

- > Sterison is a technology services company with a strong focus on delivering applications and products using multitude of software technologies and hardware products.
- > The company has been working tirelessly to maintain a smile on our customer's faces and now is offering a line-up of ground breaking technology products and services.
- > Whether you're looking for digitalization service, business solutions, supports we can partner with you at every stage of the business growth!

























**Partner Network** 















## Our Mission & Vision

#### Value for customer

Our mission is to be a trusted partner that helps businesses transform their operations and stay ahead of the curve in an ever-evolving technological landscape. The ultimate objective is to help clients achieve their goals, whether it's improving productivity, increasing profitability, or enhancing customer satisfaction.

#### leader in digital transformation

Our Vision is to be recognized as a thought leader in the field, driving innovation and helping shape the future of industry. The company strives to be at the forefront of technological advancements and to leverage its expertise to develop new and exciting solutions for its clients.



Sterison was founded with a vision to drive digital transformation through innovative technology solutions.

Secured first major clients, expanded service offerings, and adapted to global challenges with digital transformation.

Expanded our geographical presence.

Integrated AI & IoT solutions, achieved 20+ successful projects.

Successfully delivered custom software solutions for diverse industries, strengthening our service portfolio.,

Grew our client base and expanded operations to new markets, reinforcing our industry presence.

Aiming for global expansion and continued innovation to transform industries with next-gen digital solutions.

**Company Overview** 

## **DUR MILESTONES**

# Sterison Technology 05 WE ARE IN NUMBERS

6+



99%

20+

years in the business

of client satisfaction

projects deliverd



# Innovations and Technologies

Industry 4.0 & Digitalization: Adoption of smart manufacturing, robotics, and digital tools to enhance productivity and innovation.

Image Recognition (IR): Leveraging advanced image recognition technology for real-time data capture, analytics, and process optimization in various applications.

Sales Force Automation (SFA): Deployment of SFA solutions to streamline sales processes, enhance productivity, and improve customer relationship managemen

Customized Technological Solutions: Tailoring solutions based on client needs using the latest technological advancements.

## Our Offered Services

- ✓ Custom Software Development
- ✓ Web Development
- ✓ Product Development
- ✓ Ecommerce
- ✓ Mobile Apps
- ✓ UI/UX Design
- ✓ QA & Software Testing
- ✓ Enterprise Solution
- ✓ Custom Enterprise Products
- ✓ Products With Latest Tech



- ✓ Custom Mobile Products
- ✓ Prototyping & MVP
- ✓ Product Architecture Design Service
- ✓ Maintenance & Support Services
- ✓ Consulting & Data Advisory
- ✓ Data Migration
- ✓ Master Data Management
- ✓ Data Quality Management
- ✓ IT infrastructure consulting
- ✓ Data Warehousing



- ✓ Cloud migration
- ✓ Cloud infrastructure security
- ✓ Cloud infrastructure consulting
- ✓ Data Monetization
- ✓ Data Visualization
- ✓ IT infrastructure management
- ✓ DevOps consulting
- ✓ Cloud infrastructure management





# Our Industry expertise includes

	Manufacturing	7	Construction
HO HO	Medical		Consumer Electronics
	Food & Beverage	}{≣ 282	Education
	Textile		Agriculture
<b>å &amp;</b>	Chemicals		Event Management
\$C	Aerospace		Transportation
	Logistics & Distribution	Q.	Insurance
<u>a</u>	Automotive	#6	Media & Entertainment
	Finance & Banking	عثٍ	Law
<b>E</b>	Retail & E-Commerce	8	Human Resources & Recruitment
	Travel & Hospitality		Government Sectors

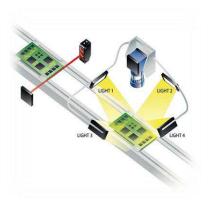
Company Overview

# Our key products and solutions

Industry 4.0 for Manufacturing industry



Smart Vision For Manufacturing industry



Smart SFA for FMCG/CPG



Computer Vision For FMCG/CPG



# All Intelligent Manufacturing Ecosystem -INDUSTRY 4.0

Co-creation with partners for Domain Industrial Intelligent Applications



**Boosted manufacturing** productivity by 30% through process optimization

























CNC & Metal Process Food & Beverage Pulp & Paper Chemical & Pharmaceutical Electronics assembly Wearing Apparel Footwear Textiles Furniture Machinery Electrical Machinery apparatus Measuring Equipment

#### **Advanced Ecosystem applications** Right solution to best fit end customers Accelerates digital transformation Machinery Smart Operation & **Employee** Smart Manufacturi Tracking Vision System POS **MOM** SM ES SV **ETS** Real-time status Product quality vision updates on jobs · Helps track human Overall equipment · Shop floor · Energy KPI Data inspection Predective efficiency movement in real Live data on smart TV improve Management · Energy Products Maintanace Overall Health & Safety Birthday/ Event Assets customer service Repair Maintanace Event & Alert Energy presentaiton · Makes a worker Data connector Notification · Periodic Diagnostic and cost Customized live display Managment more productive Business reports · Schedule and Improved · Work place safer configuration Productivity

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**Company Overview** 

# Smart Vision For Manufacturing industry

At Sterison, we have outlined our vision of a fully automated and integrated smart factory that will help you to master these challenges and guarantee your sustainable competitive edge.

### **Product Quality Inspection**

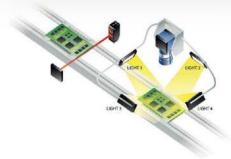
Advanced applications such as vision-based product quality inspection are making their way into the manufacturing space as part of Industry 4.0. The IoT devices utilized for this are cameras and mobile phones, sometimes mounted onto a collaborative robot arm, monitoring the final product for quality test and defect detection.

## **Smart TV applications**

Our industry experts are competent in extending android apps for android TV as well. An IoT ecosystem consists of web-enabled smart TV app which displays the KPI information of factory automation as well corporate related promo information. The schedule and the data can be managed in to the smart factory management system.



Up to 50% improvement in product quality, leading to increased customer satisfaction and loyalty, and potential revenue growth





Company Overview

## Smart SFA for FMCG/CPG

**FMCG Product Suite** 







#### eRoute - Front line sales and merchandiser

- Highly scalable platform
- Integration with other frontline apps for 360° view o customer
- Flexible offline or Online Pricing (SAP Support)
- · Integrated selling stories
- Image recognition
- Visual Store Blueprint
- · Designed for phone and tablet UI
- Available for on iOS, Android & windows platform

#### eTeam - Front line supervisor

- · Designed specifically for front line supervisor
- Daily Team summary/ Tracking
- · Coaching module
- Mapping / GPRS monitoring
- · Heat Map
- Gamification
- Available for on iOS, Android & windows platform



Up to 25% increase in sales productivity, resulting in revenue growth of 5-10%

#### **FUNCTIONALITY**

- Offline Pricing Credit Limit Check
- Seamless background sync for master and transactional data Asset Orders Asset/EquipmentTracking, Ordering, and Maintenance
- Accounts Receivable Collection Order Product Samples and Point of Sale Materials
- Stock Count
- KPI Tracking via Daily, Weekly, Monthly and Yearly Dashboards for Customer and Sales Rep
- Photo/Image capture Photo Gallery
- Photo Recognition Integration Customer Open Issues Tracking

  New Customer On boarding Workflow Approvals
- Retail Execution Surveys with Visual Store Layout
- Guided Selling, Gamification
- Filter Products by Category, Package, Model, SKU, and other Product Attributes
- E-Library Containing Sales and Marketing Materials and Videos

  GPS Route Plan via Google Maps Social Media Integration
- workflow

Company Overview

# Computer Vision For FMCG/CPG

Sterison FMCG Product Suite





#### Image recognition

- Speed of recognition: average 1 second; as fast as to 0.30 seconds
- · Seamless integration to any existing ERP system
- · Accuracy: 90% to 95% accuracy

#### Intelligent analysis

- Picture quality/ Blur check
- KPIs: Number of Facing
- OSA(On Shelf Availability) / OOS (Out of Stock)
- Share of shelf
- · Purity check
- · Empty space detection
- · Foreign SKU
- · Listing/ Planogram compliancy
- Secondary placement/ POSM presence
- Price Tag
- · Image Stitching for long shelf
- Intelligent report: Various distribution reports



A leading FMCG company reported a 15% reduction in inventory cost after implementing image recognition technology for shelf monitoring



#### 1 Minute

Improve Timeliness Sync data in real time



### **1000 Times**

Improve Data Collection Efficiency
Calculate custom BI reports fast



### 100 Times

Reduce Costs
Significantly reduce backend personnel

**Company Overview** 

# Our Management Team

Our management team comprises experienced professionals with a proven track record of success in their respective fields. Their combined expertise and strategic vision drive our company's growth and innovation

Together, they are committed to leading the organization towards achieving its goals and delivering exceptional value to our clients and stakeholders.



## John Rajesh

Chief Executive Officer



## Venkat Raj

**Business Development Manager** 



Sundararajan

**Business Analyst** 



Mathu Kumar

Industrial Engineering Advisor



**Pratheesh Kumar** 

Technical Lead

## Our Team & Infrastructure



#### Office Facilities

- Internet connection (primary and secondary) and Firewall with IDS
- Network / Directory Service
- Inventory Management
- Corporate Antivirus protection
- Backup policies
- Version Management
- CCTV
- UPS
- Temperature and humidity control
- On-premises development/ Demo servers with public access
- On-premises machine learning server with RTX
   2080 TI GPU



## State of the art Development Center in Tamil Nadu, IN

Over 1500 square feet of office space equipped with all the technology and services required for our work.



Company Overview

# Project Experience

#### **Smart SFA**

FMCG/ CPG

Bangalore, IN

Over 3500 field users and 850 distributors have implemented SAP integration with offline capability and a dynamic pricing engine.



## Industry 4.0

Manufacturing



I4.0 has implemented a system for capturing shop floor data from PLC and industrial machines and sending it to the cloud for various business analysis reports across 9 lines.



## **Computer Vision (AI)**

FMCG/ CPG

150 SKU have been successfully trained to measure in-store executions with business visibility of facing SKU, competitor's SKU, purity, planogram compliance and more.



## **Computer Vision (AI)**

FMCG/ CPG

75 SKU have been trained to measure in-store executions with business visibility of facing SKU, competitor's SKU, purity, planogram compliance and more.



Company Overview

# Project Experience

### Industry 4.0

Manufacturing

A production planning system has been implemented on 150 machines that allows real-time planning adjustment and provides various business reports.

Dhaka, BD



### Data Analytics (AI)

FMCG/ CPG

A sales prediction platform was implemented using big data analysis and various data models like ARIMA, ETA, and Halt winters to generate various analysis reports.



## Industry 4.0

Manufacturing

The unit makes noodles seasoning with modern technology. It collects and analyzes data from 92 machines on the shop floor to improve decision-making and efficiency..



## **Computer Vision (AI)**

Manufacturing



Riyadh, SA



System that can monitor the completeness of PPE worn by workers in an industrial environment automatically using computer vision technology. It can detect workers who do not wear PPE and ensure compliance with safety regulations and trigger alarms. The system also tracks the history of information for reporting purposes.

Company Overview

# Project Experience

## Industry 4.0

Manufacturing

The welding rod manufacturing unit has implemented Industry 4.0 technology to digitize the gate entry of raw materials and streamline the production process and dispatch final products with shop floor data capturing and management of 92 machines.

NOUVEAUX INDUSTRIES PVT LTD

Tamii Nadu, IN



## **Computer Vision (AI)**

Manufacturing





A quality inspection system that identifies micro defects on terry cotton products using an Computer Vision along with IIOT system to track the measurement of poison. The defects are identified and data is passed back to the production unit to correct machine alignment. The data can be presented to management in the form of various business reports.

## Our Commitment

At Sterison, we are only driven by customer success, providing a great experience during the partnership phase. To be able to achieve that, implementation planning for effective organizational transition is paramount. Outcome is all that matters. Our experience delivering products for the global market has given us the insight to be driven by pre and post implementation metrics to predictably deliver outcomes for our customers.

There is also significant planning that goes into phased roll-out in a large organization coupled with gamification to motivate people to adopt faster than their peer groups. Bottom-line for us is - system delivery alone is not the end, but the route traversed is equally or more important.

#### **Sterison Vision**

 $providing \ real\ time\ market\ intelligence\ helping\ customers\ achieve..$ 

- · Revenue growth
- · Operations efficiency
- · Better customer service



# Our Global Presence

A Global Company With A Local Presence

Sterison Technology Private Limited has teams gave position of across the round map of earth giving FMCG/CPG and manufacturing companies make use of to business expert knowledge and quality of being a chief support in every time zone.







As machines become more intelligent, this technology can have a positive impact on the everyday lives of citizens.





Corporate Office

HMP Tower, Market Road, Thuckalay, Tamilnadu, India.









