



L&T Technology Services



YOUR INDUSTRIAL ENGINEERING AI

Driving the human edge in
machines



Discover My World

Strengthened by years of cumulative experience of LTTS experts, I take precision and accuracy to the next level. From optimizing production, distribution, and field-services to enabling processes that enhance efficiency across all industrial stages, I open the floodgates of opportunities for your business.

DATA SOURCES

**SENSORS | IMAGES | DOCUMENTS | WEB STREAMING
LOG FILES | AUDIO/SPEECH VIDEO | PLC - SCADA**

NATURAL LANGUAGE PROCESSING (NLP)

- Topic Modeling
- Text Extraction & Summarization
- Semantic Analysis
- Information Extraction
- Question Answering

MACHINE LEARNING (ML)

- Predictive Analytics
- Deep Learning
- Supervised, Unsupervised & Reinforcement Learning
- Clustering, Classification and Regression

IMAGE PROCESSING (IP)

- Feature Extraction
- Image Restoration and Extraction
- Segmentation
- 3D Reconstruction
- Tracking

AI LAYER

AIKNO™

DATA PRE-PROCESSING

[Data imputation, Outlier Detection, Feature Selection, Dimensionality Detection, Feature Engineering, etc.]

AI LIBRARIES AND PACKAGES

RESULT



REPORT



DASHBOARD



GRAPH

Here's What I Can Do for You



1. Cognitive Automation - Engineering Document Management System

Implement smart information retrieval and legacy data extraction systems to optimize the manual intervention in eliminate redundant tasks and enable smarter content recommendations using LTTS proprietary OCR.

- Data Extraction
- Smart Information Retrieval
- Content Recommendation



3. Customer and Marketing Analytics

Transform and personalize interactions with your customers by intelligently using all digital touchpoints to deliver intuitive, seamless, and exceptional user experiences.

- Campaign optimization
- Recommended Content and Targeted Ads
- Customer Usage Behaviour



2. Predictive Maintenance & Repair

Gain real-time visibility into equipment health, anticipate equipment failure before it happens, and automatically trigger maintenance or repair actions with the help of edge analytics & advanced predictive analytics.

- Smart Maintenance Strategy
- Self-Learning Predictive Algorithms
- Minimum Downtime



4. Intelligent Vision Based System

Design and Develop intelligent machine vision solutions to identify threat, obstacles and objects in real-time to enable quick and easy intervention.

- Advance Driver Assistance System
- Digital Home
- Industrial Surveillance
- Healthcare Monitoring

Here are some
of the industries
that

I'm
TRANSFORMING

INDUSTRIAL PRODUCTS

MEDICAL DEVICES

PLANT ENGINEERING

TRANSPORTATION

CONSUMER ELECTRONICS

TELECOMMUNICATIONS

SEMICONDUCTORS



L&T Technology Services



ENGINEERING THE CHANGE

