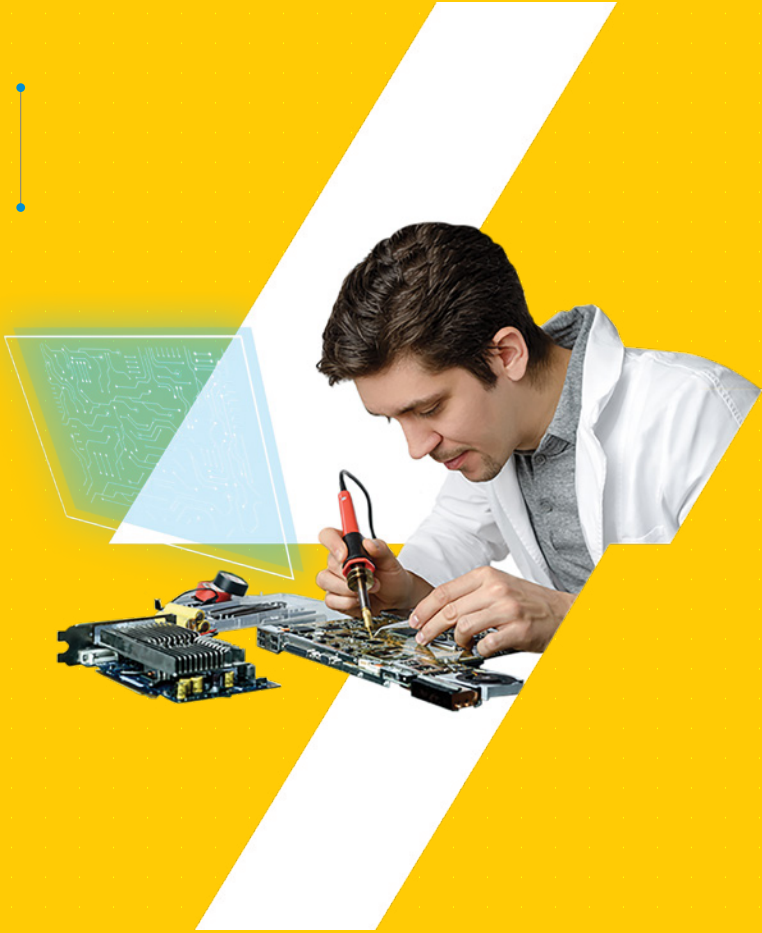




*L&T Technology Services*



# ENGINEERING THE CHANGE

[www.LTTS.com](http://www.LTTS.com)

# OUR VISION



Engineering a  
**sustainable  
tomorrow** through  
technology and  
innovation

With innovation at our core, we challenge the status quo and continuously leverage technology for scaling the future and inspiring new possibilities for our customers.

As we constantly strive for multi-dimensional growth, we hold ourselves accountable for creating a sustainable world and delivering positive outcomes that transcend business boundaries.

With the ability to engineer change, and with the effective use of technology, we are committed to achieving environmental stewardship, social development, and economic progress for all our stakeholders.

# OUR MISSION

Be the **engineering partner of choice** by enabling innovation with world-class technologies, processes, and people – delivering inclusive growth for all stakeholders

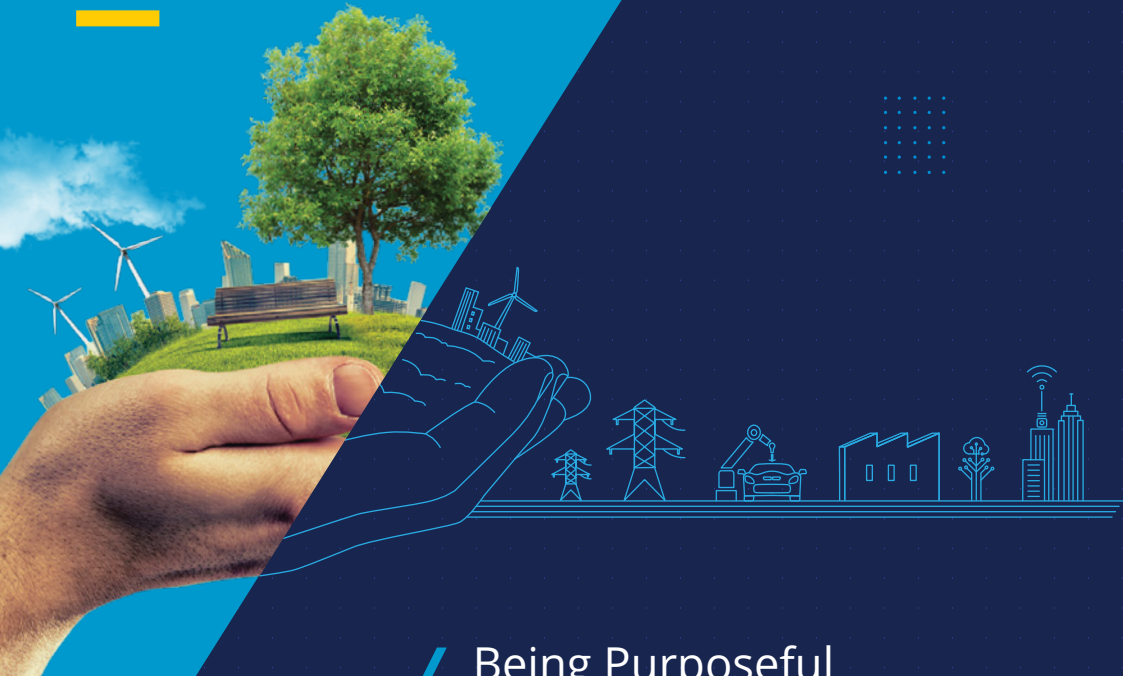
At LTTS, we are passionate about creating a better and sustainable world for the future of our customers, people, and communities.

As a technology-led engineering company, we encourage a culture of collaboration and learning. Our innovation DNA and a 'can-do attitude' enable us to engineer the change.

With our people as the driving force, integrity, and fairness as our bedrock, we are committed to constantly innovating to strive for the best solution and customer experience. It is this unyielding passion and unfaltering commitment to excellence that ensures inclusive and sustainable growth.



# OUR VALUES



- Being Purposeful
- Ethics & Integrity
- Caring
- A Culture of Learning
- Results with Accountability

## At LTTS, everyone is an Engineer at Heart ❤️

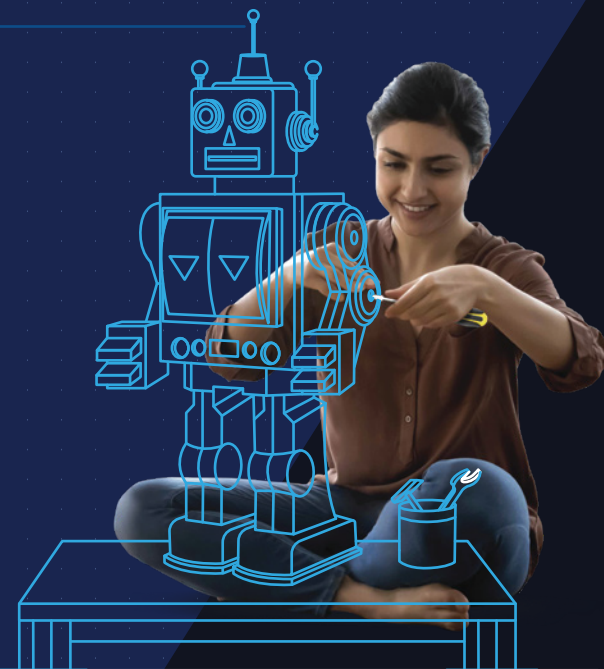
*Passion For Engineering*

*Curious About Everything*

*Fearlessly Creative*

*Frugal Mindset*

*Collaborative*



## LTTS IN A SNAPSHOT

L&T Technology Services is a leading global pure play ER&D services company



**459**

Global Clients



**23,600**

Employees



**1,550**

Patents



**57**

Of Global 100 R&D  
Spenders as clients



**105**

R&D  
Innovation Labs



**23**

Global  
Design  
Centers



**TOP 25**

Best Employers  
Globally



**25+**

Countries



\*Data as of June 30, 2025.

## WHAT WE DO

Technology Partner For Sustainable Tomorrow



## OUR DIFFERENTIATORS



### INFRASTRUCTURE

105 Innovation Labs for product design, engineering, tear-down, compliance, power electronics & digital



### CROSS-POLLINNOVATION

Our multi-domain & multi-vertical expertise enables us to take best practices from adjacent industries and adapt them to your business



### SOLUTIONS & ACCELERATORS

Ready-to-use solutions & accelerators for product design, analytics, cybersecurity, AI, test automation, and smart workplaces



### DIGITAL ENGINEERING

NexGen Comms  
Analytics/ AI/ ML  
Cloud Engineering  
DevOps

IIoT  
Security  
UX



## ACROSS MULTIPLE INDUSTRIES

8 of top 10



Transportation

8 of top 10



Hi-Tech and Telecom

7 of top 10



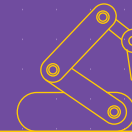
Plant Engineering

3 of top 5



Medical & Lifesciences

7 of top 10



Industrial Products





## OUR PROVEN PLATFORMS & SOLUTIONS

**E-MOBILITY PLATFORM  
FOR NEXT-GEN  
ELECTRIC VEHICLES**

**eVOLTTS**

**AI BASED CHEST  
X-RAY RADIOLOGY  
SUITE**

**Chest-rAi™**

**INDUSTRIAL  
ENGINEERING  
AI TOOL**

**INTEGRATED  
SMART BUILDING  
EXPERIENCE  
PLATFORM**

**DIGITAL SIGNAGE  
SOLUTION FOR  
IMMERSIVE VISUAL  
EXPERIENCES**

**MULTI PLATFORM,  
MULTI DEVICE  
REMOTE TEST  
AUTOMATION**



LTTS has developed a broad portfolio of proprietary technologies & platforms, including UBIQWEISE, VISIT, WAGES, InspectAR, etc., to help clients accelerate implementations and realize the benefits of Industry 4.0.

**HFS Research**



**Big Innovation  
Awards, USA for  
Chest rAi™ and  
i-BEMS**



## COMBINED WITH OUR ABILITY TO COLLABORATE

**What  
LTTS  
did?**

Embedded System  
| Mechanical  
Design | Software |  
Testing

Intelligent Building  
Platform |  
Connectivity |  
System Integration

Sensorization |  
Device to Cloud  
Connectivity

**What we  
achieved  
together**



Ruggedized Tablet



Smartest Campus  
in the World



Remote Asset  
Monitoring

**What  
partners  
did?**

Certification | Proto  
Manufacturing |  
Procurement | PCB  
Fabrication

Sensors | Cloud  
Platforms | Machine  
Learning | Building  
Facility

Monitoring  
Software &  
Dashboard Data  
Analytics



## NEXT-GEN PARTNERSHIPS FOR NEXT-GEN SOLUTIONS



### R&D PARTNERSHIP



### PRODUCTS PARTNERSHIP



### CERTIFICATION & STANDARDS



### TECHNOLOGY & SOLUTIONS



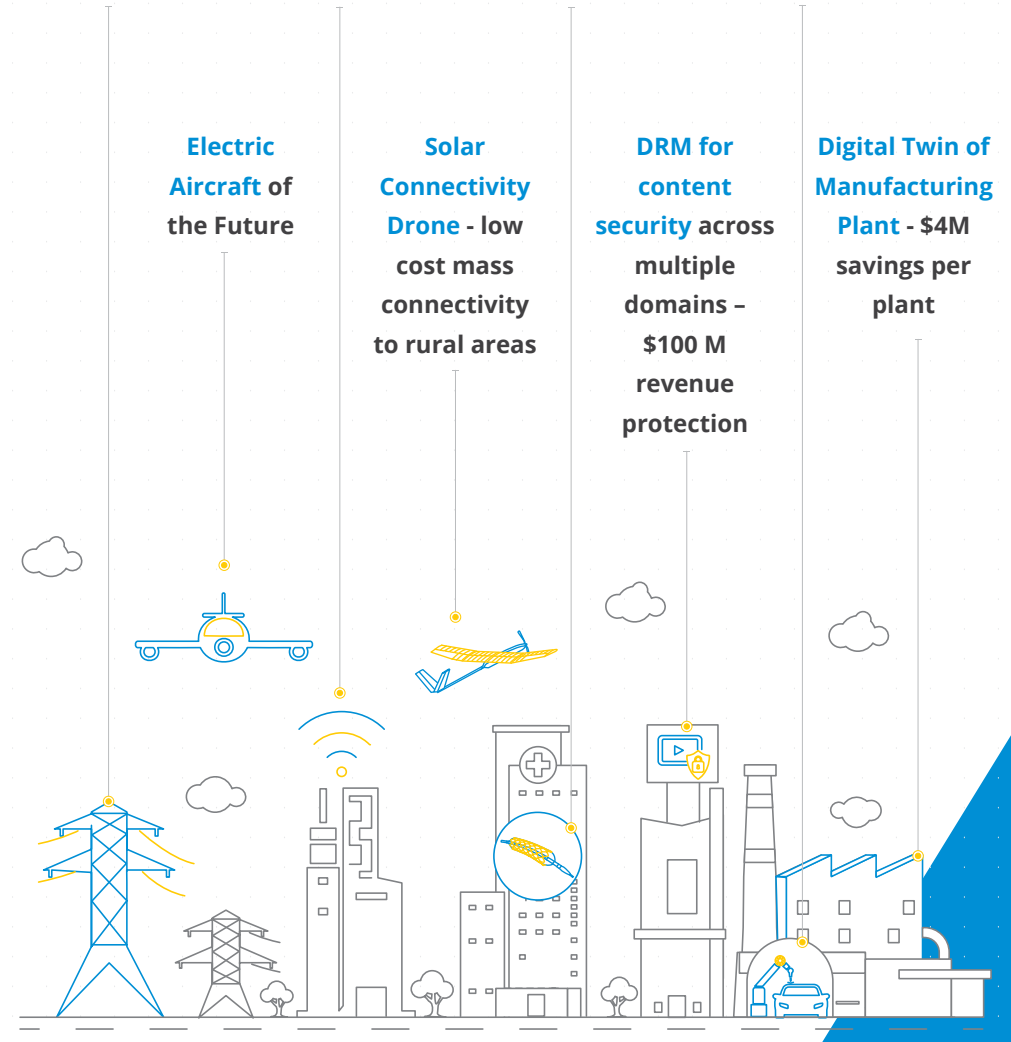
## HELPS US ENGINEER PARADIGM SHIFTS

World's 1<sup>st</sup>  
Commercial  
Mesh Network  
for Grids

Architecting  
the **Smartest**  
Campus in  
the world

World's 1<sup>st</sup> 40  
atm rated  
Angioplasty  
Device

World's 1<sup>st</sup>  
**Autonomous**  
Welding  
Robot





## WE CATER TO THE ENGINEERING NEEDS OF THE ENTIRE SPECTRUM



### DISRUPTIVE

- ◆ Vendor Developed IP
- ◆ Minimalistic Development Cycle
- ◆ Guarded Development



### ADAPTIVE TECHNOLOGY

- ◆ Reduce time for development



### CONVENTIONAL TECHNOLOGY

- ◆ Complete Program Ownership
- ◆ Sustain & Maintain

## AND BRING THE BEST OF A START-UP & LARGE ORGANIZATION

### LONGEVITY

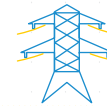
Decade Long Engineering Engagements

- ◆ 10 Year Engagements with 32 of the Global Top 100 ER&D Spenders
- ◆ Engineered 100 Patents & delivered >\$100M cost savings
- ◆ 42% of our revenue comes from 10+ year engagements
- ◆ 60% of our Top 25 largest customers have been with us for 10+ years
- ◆ Long term engagements across all industries

### SPEED & INNOVATION

1,550 Patents & Counting

Mesh Network  
For Grids



Dual Touchscreen  
Android Smartphone



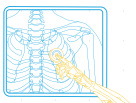
Electrified Off  
Highway Vehicle



Most Intelligent  
Campus



Most Efficient Ai  
Based Radiology  
Assist Solution



World's 1<sup>st</sup>

### MATURE PROCESSES





# R&D LABS AS A SERVICE



EMI/EMC LAB



RADIO FREQUENCY LAB



OPTICS LAB



THINK STUDIO



POWER ELECTRONICS  
DESIGN CENTER



POWER EQUIPMENT  
TEST FACILITY



ACOUSTICS LAB



ENVIRONMENTAL TESTING



DRY LAB



MATERIAL TESTING CENTER



TEAR DOWN LAB



HARDWARE & TEST  
EQUIPMENT ENGINEERING



WET LAB



MICROSCOPY LAB



NEXSENS LAB



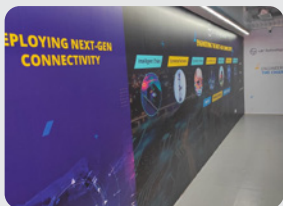
WELDING STUDIO



IoT INNOVATION HUB



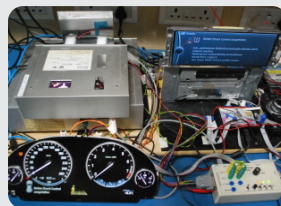
AR/VR INNOVATION HUB



5G LAB



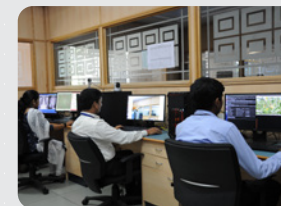
ELECTRIC VEHICLE (EV) LAB



TRANSPORT INSTRUMENT  
CLUSTER



DIGITAL PLM  
DESIGN CENTER



MACHINE VISION  
& IMAGING



INTEGRATED VIDEO  
PROCESSING LAB

## HOW THE INDUSTRY RECOGNIZES US



LTTS recognized as a  
**Great Place to Work®**  
in Japan and in the United States  
for the second time in a row



Awarded the  
**2025 BIG Innovation Award**  
in Transportation for AnnotAI  
by the US-based Business  
Intelligence Group



Recognized as the  
**'Best Organization For Women 2025'**  
by ET Now



The All India Business & Community  
Foundation honoured LTTS for **Impactful  
Sustainable Business Practices**



**TOP 25 Innovative Companies**  
In India



Featured among the  
**Top 3 Global pure-play Engineering  
Services Top 50 ranking**



Recognised by **Financial Express FuTech  
Awards** for Best AR/VR Breakthrough and  
Best Use of Predictive/Prescriptive Analytics



LTTS wins **Golden Peacock Corporate  
Social Responsibility Award**

## AND HOW WE GIVE BACK



**EDUCATION & SKILL DEVELOPMENT**



**WATER CONSERVATION**



**HEALTHCARE FOR THE NEEDY**



**ENVIRONMENTAL RESTORATION**

Food & Health



Awareness



10k Charity Run

**TeachFirst**





## WHAT ANALYSTS SAY

Rated as **expansive & established leaders** by all engineering rating studies

### ER&D Services

ER&D Services Rating 2021  
Digital Engineering Services Rating 2021  
AI Engineering Ratings 2021  
Aerospace ER&D Ratings 2021  
ER&D Services-US Ratings 2021  
ER&D Services-Germany Ratings 2021  
Automotive Ratings 2021  
ADAS Ratings 2021  
Telematics Ratings 2021  
Medical Devices Ratings 2021  
Telehealth Ratings 2021  
Semiconductor ER&D Ratings 2021  
Telecommunication ER&D Ratings 2021  
OTT Ratings 2021  
Industrial Rating 2021  
Digital Thread Ratings 2021

### IoT Services

IoT Services Ratings 2021  
Public Infrastructure Ratings 2021  
Telehealth Ratings 2021  
Digital Thread Ratings 2021

### Digital Manufacturing Services

Overall  
Next-Gen Services Capability  
Monitoring and Security Capability



**zinnov**

**NelsonHall**  
ANALYTICS

**\*ISG**

### Life Science Digital Services

MedTech Digital Transformation Services - Europe  
MedTech Digital Transformation Services - US

### Manufacturing Industry Services

Digital Engineering – Transportation, US  
Digital Engineering – Hi-Tech, US  
Digital Engineering – Industrial, US  
Digital Engineering – Transportation, Europe  
Digital Engineering – Industrial, Europe

### Internet of Things- Services & Solutions

IT/OT Tech Data Convergence  
IoT Consulting and Services  
AI on the Edge  
IoT Endpoint Security  
IoT Consulting and Services US  
Managed IoT Services US  
Connected Mobility Consulting and Services US

 Everest Group

### ACES

Services

### Semiconductor

Semiconductor Engineering Services  
PEAK Matrix® Assessment 2021



## A CLOSER LOOK AT OUR INDUSTRY OFFERINGS

### SOFTWARE & PLATFORMS

#### WHO WE SERVE

- ◆ Hyperscalers
- ◆ Vertical ISVs
- ◆ OT Cybersecurity Solution Providers
- ◆ OT Tool Solution Providers
- ◆ Data & Platforms Solution Providers

#### WHAT WE DO



Consult



Create



Collaborate



Verify & Validate

#### SUCCESS STORIES

- ◆ Digital Transformation Resulting in 20% Infrastructure Cost Savings
- ◆ Engineering Productivity with Remote Asset Monitoring for 30,000 Heavy Industry Assets
- ◆ World's 1<sup>st</sup> Airway Clearance System with Bluetooth Connectivity
- ◆ Driving Sustainable Energy Efficiency via LTTS's IIoT Solution

## INDUSTRIAL PRODUCTS

#### WHO WE SERVE

- ◆ Industrial Machinery
- ◆ Oil & Gas
- ◆ Renewable Energy
- ◆ Power Electronics
- ◆ Building Solutions
- ◆ Automation
- ◆ Test & Measurement
- ◆ Special Machine Tools
- ◆ Lighting Engineering

#### AWARD WINNING PRODUCTS



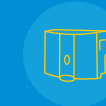
##### EMERGENCY LUMINAIRE

Best of Category  
Design Excellence  
Awards in LIGHTFAIR®  
International 2018



##### VIBRATION METER

Danaher Golden  
Innovative  
Award



##### GRID TIED SOLAR INVERTER

Solar Industry  
Award



##### POWER DRIVE

Plant Engineering  
Product of the  
Year Gold Award

#### SUCCESS STORIES

- ◆ World's 1<sup>st</sup> Motion Activated Screwdriver
- ◆ World's 1<sup>st</sup> Autonomous Welding Robot
- ◆ Smartest Campus in the World
- ◆ Patented Multi-voltage Booster Technology for Welding Power Source
- ◆ Patented Portable Vibration Analyser
- ◆ High Power DC-DC Converter
- ◆ Grid Tied Solar Inverter
- ◆ Machine Vision System with Patented Technology for Leak Detection



## GROUND TRANSPORT

### AUTOMOTIVE

- ◆ Infotainment & Driver Information Systems
- ◆ Connected Cars
- ◆ Body Electronics & Comfort Systems
- ◆ ADAS & Autonomous Drive
- ◆ Powertrain and Alternate Propulsion Systems
- ◆ Body Engineering & Safety Restraints

### TRUCK & OFF HIGHWAY

Product Engineering, Manufacturing Engineering & Digital Engineering across all product lines



### SUCCESS STORIES

- ◆ Android Based Infotainment Cluster for Automotive OEMs
- ◆ Integrated Radar & Camera Development for Automotive Tier-1 Supplier
- ◆ Remote Tracking & Monitoring for Heavy Construction Equipment & Mixed Fleet
- ◆ Optimizing Cost of Lifting System of Lawn Tractor Through Redesign
- ◆ 3D Modeling & Simulation of Automotive Manufacturing Plant
- ◆ Competitive Benchmarking of Tower Crane for the India Market

## AEROSPACE & RAIL

### AEROSPACE - WHAT WE DO

Aero Structures



Aero Systems



Avionics



Aero Engines



In-flight Entertainment



Drone Solutions and Services



Test Equipment



Air Traffic Mgmt.



### RAIL - WHAT WE DO



Train Design & Controls



Rail Signaling



Safety & Reliability (RAMS)

### SUCCESS STORIES

- ◆ Next-gen Aircraft Propulsion System
- ◆ Advanced Seatback IFEC System
- ◆ Optimization of Horizontal Stabilizer for an Aerospace Major
- ◆ Model Based Engineering for Aircraft Heater Module
- ◆ Parabolic Aluminized Reflector (PAR) Lighting
- ◆ Development of a Safe & Reliable Railway Brake Controller
- ◆ Foolproof independent checking & standard setting for a Light Rail Transit System





# MEDICAL DEVICES & LIFESCIENCES

## WHO WE SERVE

- Therapeutic
- Diagnostic
- IVD & Lifesciences
- Musculoskeletal & Surgical
- Pharmaceutical

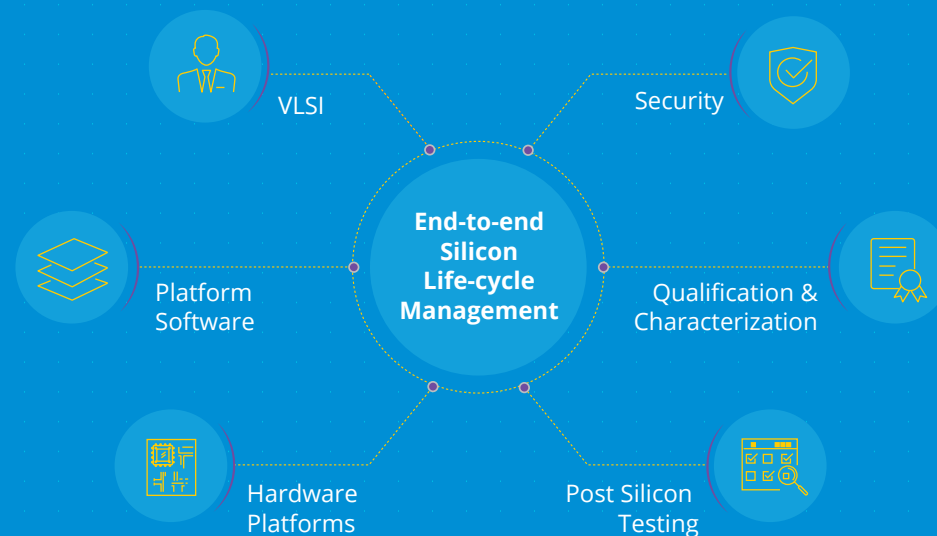
## WHAT WE DO

- Device Engineering
- Digital Health Solutions
- Manufacturing Services
- Field Services
- Quality Assurance & Regulatory Assurance

## SUCCESS STORIES

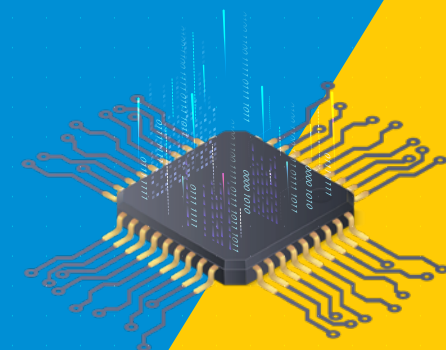
- Disposable and Single Hand Operated World's 1<sup>st</sup> Drug Patch Applicator
- World's Leading Smart Inhaler
- 3D Printing for Customized Knee Implants
- World's 1<sup>st</sup> Medical Device to Produce 40 atm Pressure
- World's 1<sup>st</sup> Airway Clearance System with Bluetooth® Connectivity
- Integrated Reusable Vessel Sealing & Cutting Device for Emerging Markets
- Automated Blood Cell Counter with Precision of >99% and Consumption of 2% Less Blood

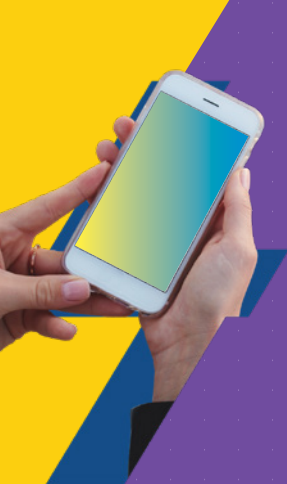
# SEMICONDUCTORS



## SUCCESS STORIES

- Turnkey System on Chip / ASIC Design:**
  - Image Processing Chip for Industrial Camera Applications
  - Laptop/PC AI SoC – Ultra Low Power Companion Chip
  - Mobile Phone Application Chips – SSD Controller
  - Low Power AR/VR SoC for Media & Entertainment Applications
- System Design and Validation:**
  - Data Center Products – Design and Validation
  - Automotive Infotainment Products
  - Networking Products
  - IoT Products





## CONSUMER ELECTRONICS

### WHO WE SERVE

- ◆ Personal Devices
- ◆ Enterprise Devices
- ◆ Accessories and Console
- ◆ Wearables
- ◆ Consumer IoT & Retail

### WHAT WE DO



Testing And Certification



Android/Linux Platform Bringup



Application UI/ UX & Customization



Connectivity Support



Peripheral and Sensor Integration



Maintenance and Upgrades

### SUCCESS STORIES

- ◆ World's 1<sup>st</sup> Dual Touch Screen Smartphone
- ◆ World's 1<sup>st</sup> Wearable Support Network
- ◆ Design and Proto Manufacturing of Ruggedized, Smart Public Safety Device
- ◆ Cloud based Smart Home Automation Experience

## TELECOMMUNICATIONS

### WHO WE SERVE



Communication Service Providers (CSP)



Mobile Network Operators (MNO)



Original Equipment Manufacturer (OEM)

### WHAT WE DO



Network Orchestration & Virtualization (SDN/NFV)



IoT Service & Platform Enablement



Telco Cloud Engineering



Global Field Testing and Automation



5G - Chip to Cloud Deployment



5G - Lab as a Service

### KEY DIFFERENTIATORS

- ◆ End-to-End Product Design & Development
- ◆ Private LTE/5G Network in Lab
- ◆ 5G Automation Framework
- ◆ Acceleration-as-a-Service & Monetization Solutions
- ◆ ORAN based Open Sourced 5G Lab
- ◆ Test Factory - Tools, IP & Frameworks



## MEDIA & ENTERTAINMENT

### WHO WE SERVE



### WHAT WE DO



### PROPRIETARY SOLUTIONS

- ◆ Cogmation Test Automation Framework
- ◆ RDK Emulator Tool
- ◆ Cloud EPG & Recommendation Engine
- ◆ STB Log Analytics
- ◆ FlyBoard - Next-gen Digital Signage Solution

## PLANT ENGINEERING

### WHO WE SERVE

- ◆ Oil & Gas
- ◆ Chemicals
- ◆ Home & Personal Care
- ◆ Food, Beverages & Dairy
- ◆ Pharmaceuticals
- ◆ Discrete Manufacturing

### WHAT WE DO



### SUCCESS STORIES

- ◆ Turnkey Wastewater Management services for global F&B major in USA
- ◆ Enabled expansion project for global polymer major during pandemic
- ◆ EPCM Services for Chemical Major in Europe
- ◆ EPCM services for tire plant in India
- ◆ Engineering for Edible oil refinery in South Africa
- ◆ Engineering plant safety with machine guarding solutions for HPC major in US
- ◆ OPEX reduction using ZLD concept enabling 42% recycled water reuse for tire manufacturer
- ◆ Engineering for Greenfield projects in India for global F&B major



