

SMART PRODUCT ENGINEERING FOR THE CONNECTED WORLD

Integrating Intelligence Into Every Product

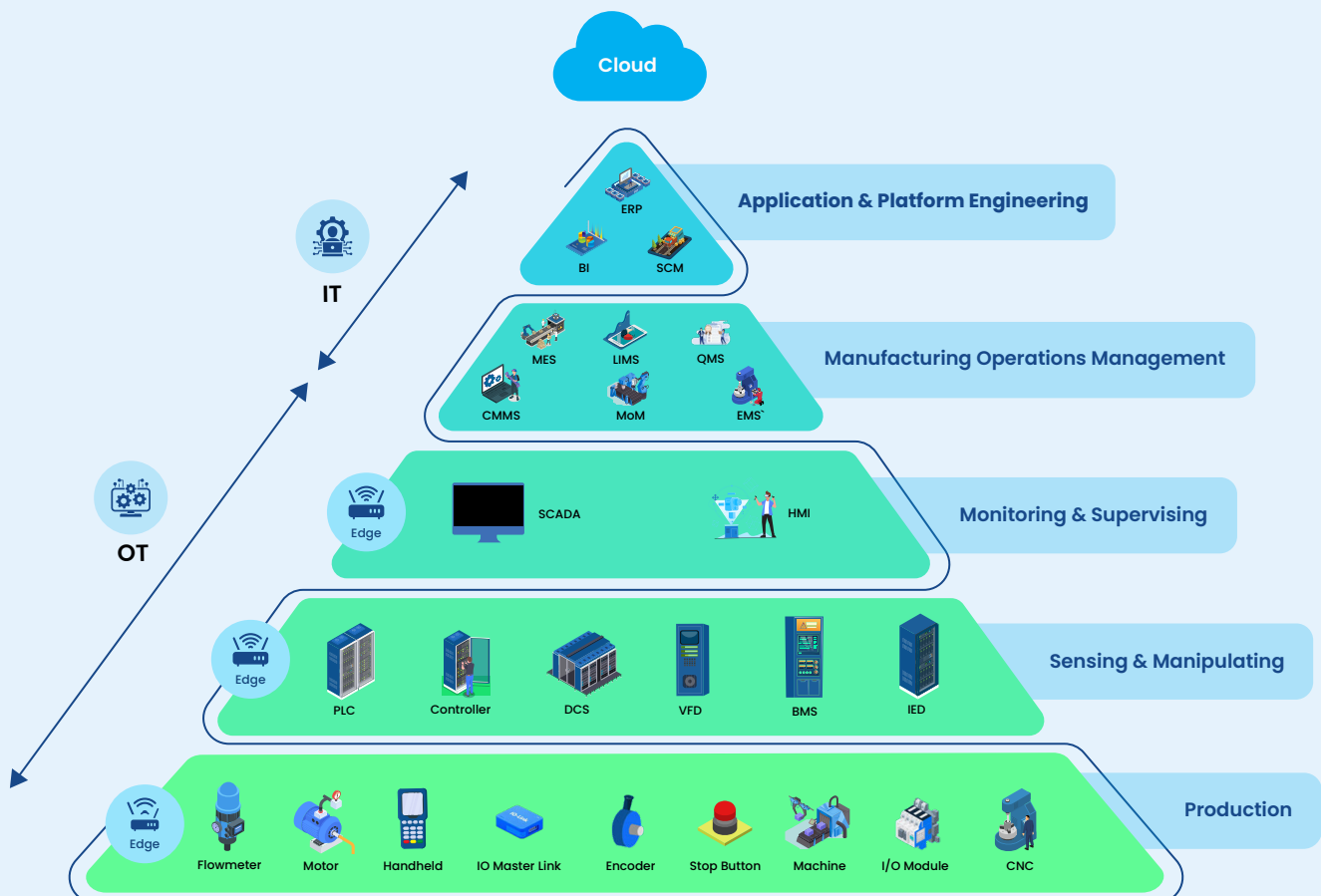


Utthunga partners with global industrial manufacturers to build next-generation intelligent products. With over 18 years of expertise in automation, embedded engineering, and software, we blend domain knowledge with digital intelligence to deliver safe, secure, and efficient systems that meet industry standards and enable faster time-to-market.

Our capabilities span the entire product development lifecycle, from silicon to systems. We convert engineering concepts into production-ready embedded solutions, leveraging AI/ML and deep industrial experience. We design smart devices, advanced instrumentation, and IoT systems that connect the physical and digital worlds to deliver reliable, high-performance innovation.

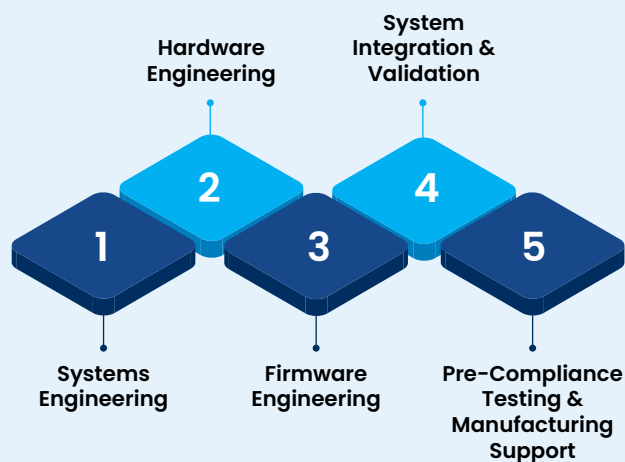
End-to-End Intelligence: Our Sensor to Cloud Expertise

We design, develop, optimize, and manage systems/applications with:

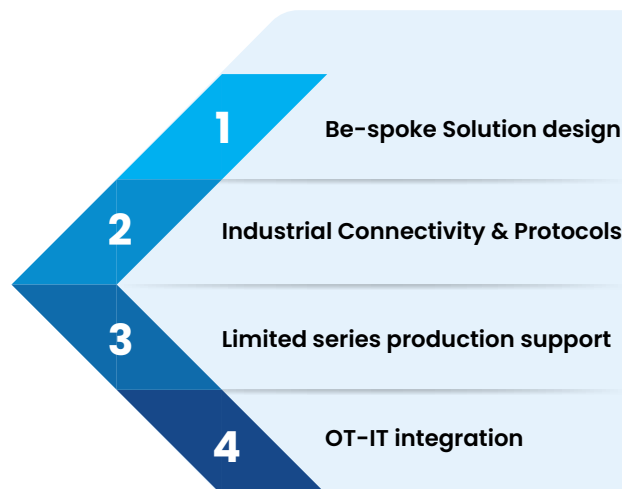




Engineering What's Next: Our Key Offerings



Shaping Intelligent Solutions: Our Specializations



Built for Speed: Our Accelerators

We harness a range of accelerators to deliver agility and innovation across every product lifecycle stage. These include:

1

Digital Accelerators

- + DPI Framework
- + SE Suite
- + uFDI-DTM & uDD-DTM Suite
- + DDx Suite
- + uFlex

2

Embedded Accelerators

- + Reference Designs
- + HART and GE/GSM Device Based Simulators
- + Sensor Framework
- + Condition Monitoring (Motor Control Signature Analysis)

3

Connectivity & Protocol Accelerators

- + Industrial protocol stacks (HART, Modbus, EtherNet/IP, IO-Link, MTConnect)
- + Plug-and-play uOPC Connectivity Suite
- + IEC-104, Modbus, HART, and GE-GSM Based Protocol Simulators

The Building Blocks of Our Industrial Excellence

Deep Big Data Analytics, AI & ML, IIoT, & Cloud Engineering Expertise

Seamless Access to Sustainable Processes & Practices to Align with ESG Initiatives & Policies

5000+ Sq. Ft Lab

Reference designs and smart hardware for modern industrial connectivity — from IO-Link to Edge Gateways.

State-of-the-art Digital Twin and Simulator Solutions



All Under One Roof: State-of-the-Art Engineering Facilities



Digital Pilot Plant

Embedded
Lab



Instrumentation
Lab

Compliance
Lab



Manufacturing
Setup

Embedded Solutions Tailored for Every Industry

Oil and Gas

Gateway, valve positioners, flow meters, monitoring devices



Mining

Monitoring devices, Analysers & Calibrators, Data Acquisition Systems



Discrete Manufacturing

Power electronics, metering solutions, etc



Plant Automation

Sensing and measurement, actuation controllers, concentrators and gateways



Healthcare

Data Acquisition Systems, remote monitoring systems





Our Competitive Edge: Why Choose Utthunga

1

Discovery-Led Approach – We explore possibilities through curiosity, insight, and innovation.

2

Product Mindset – We design user-focused, scalable products with lasting impact.

3

Engineering Excellence – We ensure quality and efficiency through proven tools and best practices.

4

Agility Maturity – We foster adaptability and continuous improvement through agile methods.

5

Governance Framework – We adhere to project goals with transparency, accountability, and precision.

6

Strategic Partnerships – We team up with cloud, semiconductor, and manufacturing leaders to build future-ready solutions.



Proven Results

150+

Global
Customers

600+

Successful
Programs

4

Innovation
CoEs

Accelerate your product innovation and market readiness! Start your transformation with a free consultation.
Explore our **Product Engineering Services** to learn more.