![utthunga Engineering Transformation]

Utthunga's Product Engineering Services for
Monitoring and Supervising Systems
in Process Automation

Improve efficiency, accuracy, viability, and flexibility of monitoring and supervising systems by leveraging our product engineering services.
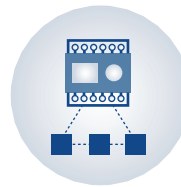
As an engineering and technology enabler with a track record of assisting monitoring and supervising system OEMs in keeping abreast with emerging technologies and trends while embracing sustainable practices, we have what it takes to propel your business to new heights.

End-to-end Engineering and Technology Partner for Building New-age Monitoring and Supervising Systems

Our Capabilities in a Glance

Facilitate adoption of AI & ML to analyze large amounts of data and make real-time decisions

Leverage IIoT technology to enable devices to communicate with each other and with central control systems
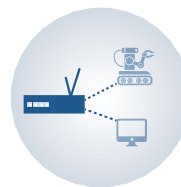
Implement Cloud Computing to facilitate remote monitoring and control of production processes

Promote usage of mobile devices for monitoring and control, providing greater flexibility and accessibility for operators

Implement SCADA in the cloud to reduce operating costs and up-front investments

Implement Time-Sensitive Networking (TSN) Implement the latest in Process Automation technology like HART-IP, Wireless HART and Ethernet APL in your systems

Our End-to-end Process Automation Expertise

Supervisory Systems

- SCADA (Types-Monolithic, Distributed, IoT)
- HMI
- RTV
- System Managers
- System Asset Viewer

- Configurator Apps for SCADA Systems
- Monitoring Apps
- Plant Monitoring Apps
- Condition Monitoring Systems
- Alarm Management Systems

Applications We Build

- Digital Logbooks
- TSN Implementation
- Real-time Location Tracking
- LIDAR Application
- EtherCAT Slave Controller
- High-availability DAC Controller
- Asset and Health Management
- Remote Support Apps and Bespoke Applications
- Test, Diagnostics, and Monitoring
- Digital Audits

- Data Logger
- AR/VR Operator/Supervisor Training and Device
- Health Monitor
- Life Cycle Support
- Certification and Host Compliance Support
- Handheld Communication Software Development
- Standalone Configuration Tools
- No-code, Low-code Application
- V&V

Utthunga's Ready-to-use Accelerators to Lower Development Costs and Reduce Time to Market

- DPI Framework for Hybrid Mobile Web Application
- uDTM SDK
- uDTM Converter
- UIP Framework
- Linux and Android SDK for FDI CHC

- Communication Server Framework
- uOPC Suite
- OPC UA Server SDK
- Azure Industrial Framework
- No-code, Low-Code DPI - Configuration and Monitor Application

Our Industry Focus - Forums

FieldComm Group — Connecting the World of Process Automation | OPC | THE OPEN GROUP OPEN PROCESS AUTOMATION FORUM | PI PROFIBUS · PROFINET | FDT GROUP | IO-Link | SPE

Industries

O&G | Chemicals | Pharma | F&B | Paper & Pulp | Textiles | Plastics

This is just the tip of the iceberg!

To learn more about our incremental capabilities in **production, sensing and manipulating, manufacturing operations management, business planning and logistics, and cloud,** click here

Learn More >

contact@utthunga.com