

ACS TECHNOLOGIES LIMITED



MANUFACTURING AND SALES

EQUIPMENT AND TECHNOLOGY

PROJECT MANAGEMENT

DESIGNING AND ENGINEERING

REPAIR SERVICE AND PARTS



ELECTRO MECHANICAL ENGINEERING SOLUTIONS DIVISION



ENGINEERING SUPPORT

TURN-KEY

SALE

SERVICE

AMC

ACS TECHNOLOGIES LIMITED

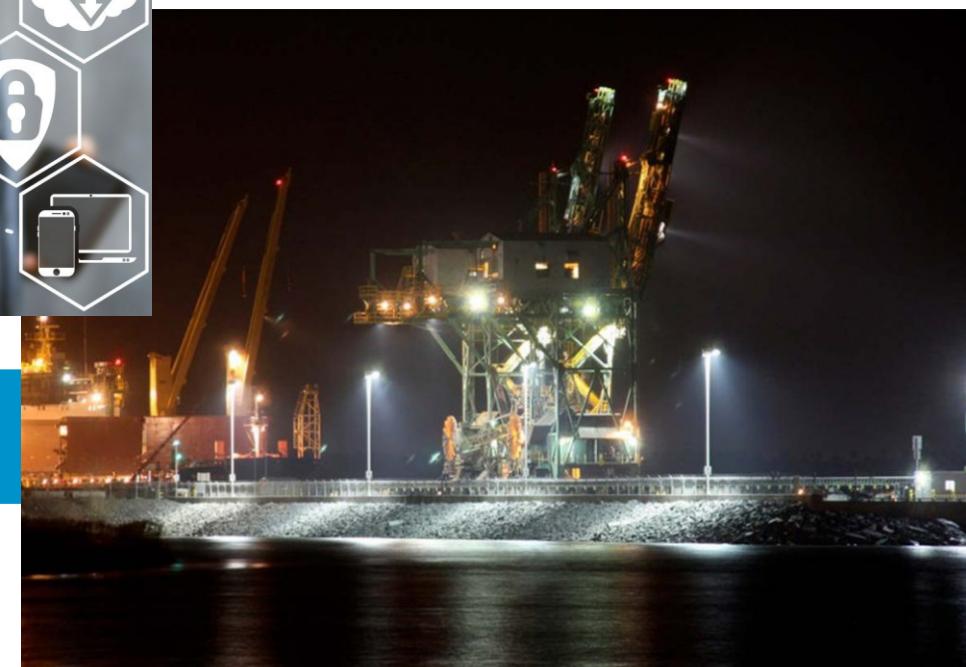
The Leading Provider of Electro Mechanical Solutions

ACS Technologies Limited, founded in 1980, has expanded its operations over the years to become a provider of electro mechanical project services and material distribution.

ACS Technologies Limited specializes in providing comprehensive electromechanical solutions across a wide range of industries. With expertise in design, installation, maintenance, and services, the company addresses the specific needs of its clients to deliver efficient and reliable solutions.

Industry Expertise : ACS Technologies Limited serves a wide range of industries, addressing the unique challenges and requirements of each sector with customized electromechanical solutions.

Commitment of Quality : ACS Technologies Limited is committed to delivering high-quality products and services, with a strong focus on customer satisfaction and continuous improvement.



IOTIQ

ACS TECHNOLOGIES LTD

WE'RE UNIQUE TO THE INDUSTRY:

ACS Technologies Limited stands out as a distributor of high-quality products and equipment.

ACS Technologies Limited offers comprehensive engineering, contracting and professional services related to on-site Electro - mechanical projects.

Comprehensive Solutions:



PLANING &
ENGINEERING

Project Studies

Engineering
Plans

SUPERVISION &
Trouble shoots



FULL PROJECT
MANAGEMENT

Supply
materials

Turnkey Installation
& Operation

Project
Coordination



Manufacturing
& sale

ELECTRICAL

Panels, Cables, Trays,
Motors & Drives,
Lights & Switch gear

MECHANICAL

Pumps, Pipes,
Valves & Materis
Engine & DG Sets

Accessories

Spares &
Fitting



SUPPORT

Repair
Service

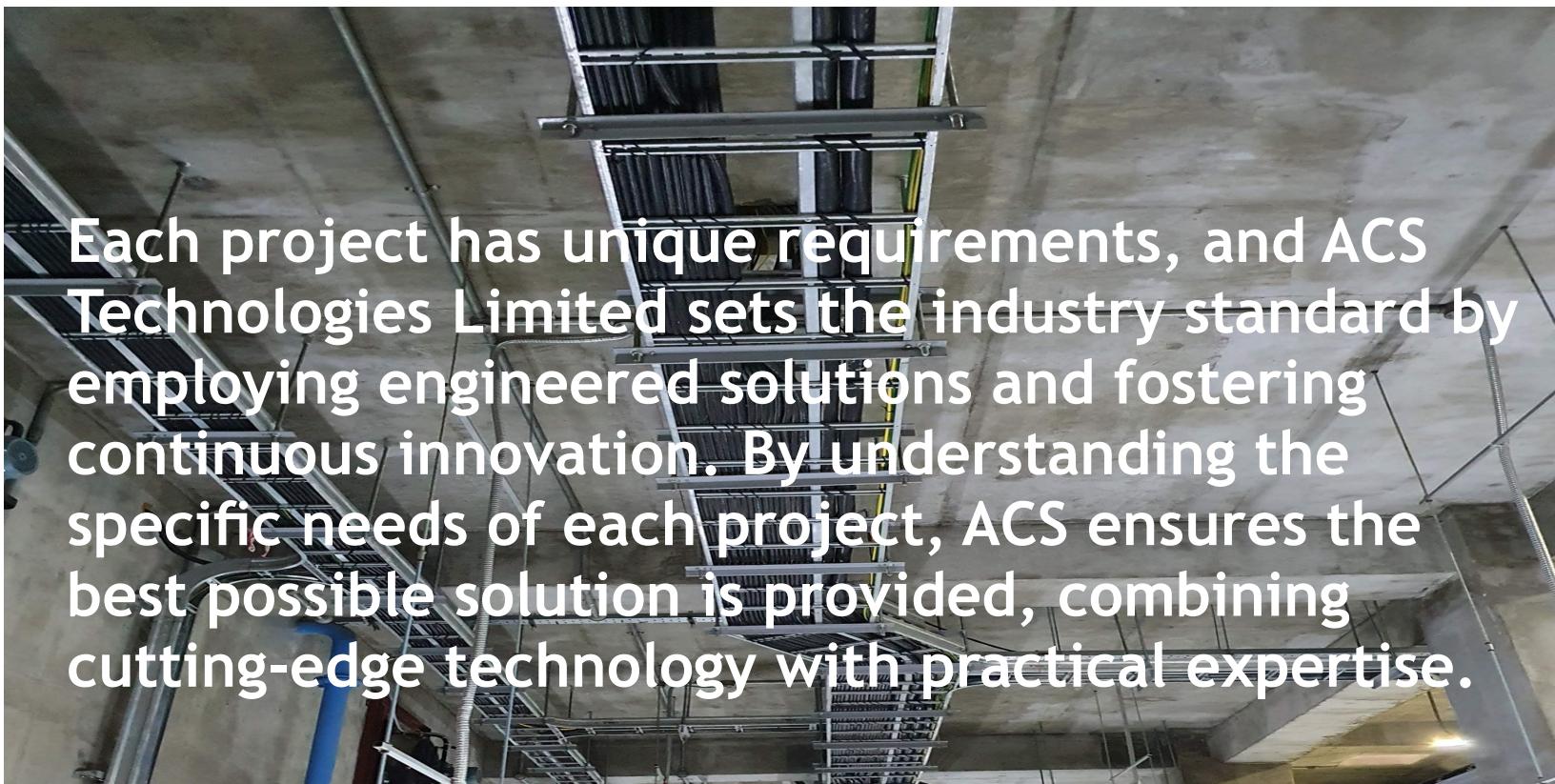
Project
Monitoring

Technical/Engineering
Support

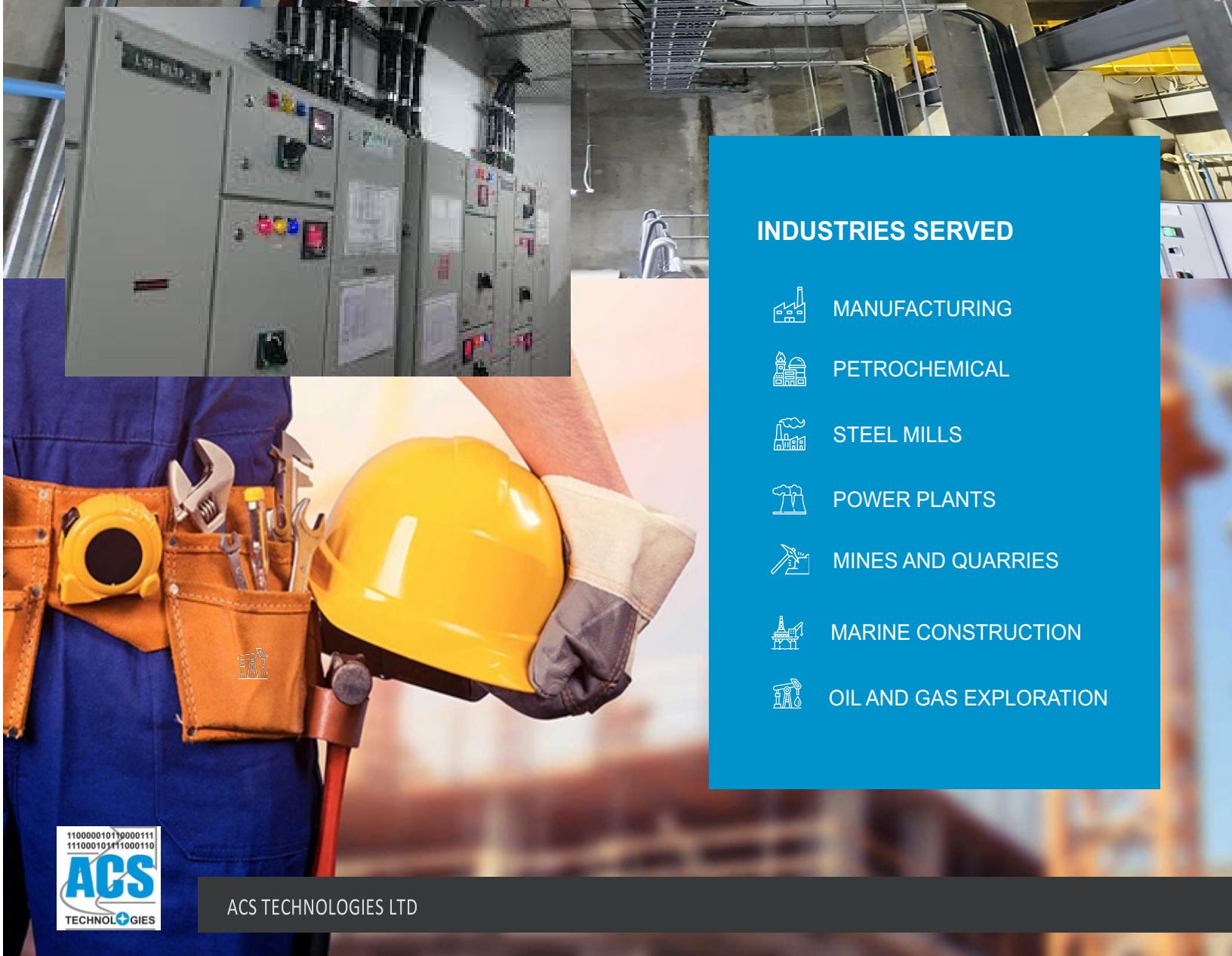
ACS is The premier IoT provider for industries in the name of IoTIQ



www.acstechnologies.co.in



Each project has unique requirements, and ACS Technologies Limited sets the industry standard by employing engineered solutions and fostering continuous innovation. By understanding the specific needs of each project, ACS ensures the best possible solution is provided, combining cutting-edge technology with practical expertise.



Unmatched Expertise

Our combined experience and knowledge in Project management and associated environmental regulations allows us to manage the most demanding solutions.



Always Ready to Go

We understand urgency is important and have boots on the ground when you need us. With our large equipment fleet, we are ready when needed.



Reliable Solutions, Trusted Partner

Project support, equipment, solutions, engineering, and technical support you can rely on.



Safety First

ACS's safety record is unparalleled. The safety of our workers and yours, the public and property, is paramount.

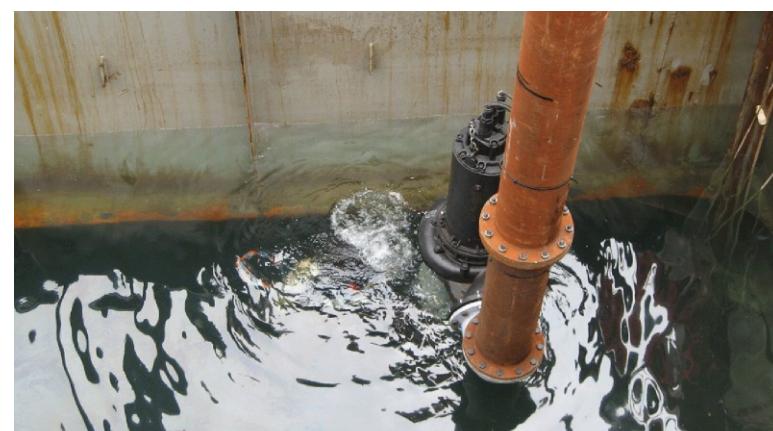
ENGINEERING SUPPORT, TURN-KEY CONTRACT, SALE & SERVICES OVERVIEW

CORE SERVICES

- ENGINEERING Consultancy
 - Project Planning
 - Supervision Services
 - Estimation & Calculations
- ELECTRICAL (LT WORKS) Contracting
 - Control panel System works
 - Cable Laying works
 - Equipment's and Motors Installations
 - Internal electrification works
 - Lighting Solutions
- MECHANICAL WORKS Contracting
 - Pumping Solutions
 - Pipeline works
 - Supporting structural works
- AMC's
 - IOT Services
- REPAIR SERVICES
 - Pumps & Motors

CORE SALE

- ELECTRICAL
 - MCC,PCC Panels
 - Cables & Cable trays
 - Motors & Motor drives
 - Switchgears & Controllers
 - Lighting Products
- MECHANICAL
 - Diesel, Electric and Hydraulic Pumps
 - Pipes & Flanges
 - Valves & Meters
 - Customized structures



ELECTRICAL

ACS's experienced industrial electrical specialists use best practices and advanced technology to deliver efficient, reliable and safe electrification solutions, Customized to each projects unique needs for optimal performance and long-term success.

LT Control Panel System

- Power control panels
- Motor control panels
- Lighting control panels
- Distribution panels



Cable Laying works

- UG Power Cable laying
- Cable Tray work and laying work
- Cable Terminations
- Internal cabling & wiring works



Industrial & Commercial Electrification works

- Internal electrification works
- Motors & Equipments electrification works
- Indoor and Outdoor lighting electrification works
- Plug & Socket provision work



Hazardous Lighting Solutions

- High Mast and Street Lighting solutions
- Area and Industrial Highbay Lighting solutions

We recognised that each project presents unique challenges and we have tailored our engineering and procurement process to meet these specific demands.

LT CONTROL PANEL SYSTEM SOLUTIONS



ACS Technologies Limited specializes in the manufacture and supply of a wide range of Electrical control panels and distribution boards. In addition to production, we offer comprehensive services, including installation, testing, commissioning, and after-sales support, tailored to meet our customers' specific needs. Our commitment to quality and service ensures that you receive reliable solutions for your electrical control requirements.

ELECTRICAL CABLEING SYSTEM SOLUTIONS



ACS Technologies Limited specializes in the manufacture and supply of high-quality GI and FRP cable trays, ensuring durability and efficiency for your projects. We also offer a wide range of multi-brand cables, termination kits, and cable accessories. Our expert cable laying services utilize advanced techniques and technologies, guaranteeing precise and reliable installation for all industrial applications.

INDUSTRIAL ELECTRIFICATION

ACS provides a comprehensive range of services for industrial electrification projects, including:
Installation of high-quality internal cabling systems to ensure reliable power distribution and connectivity throughout industrial facilities. Provision and installation of various types of electric motors tailored to specific industrial applications, enhancing efficiency and performance. Comprehensive setup of industrial equipment, ensuring compliance with safety standards and optimal functionality. Installation of robust plug sockets designed for industrial use, accommodating high power requirements and providing flexibility in equipment placement. Design and installation of energy-efficient lighting solutions for both indoor and outdoor environments,

LIGHTING SOLUTIONS

ACS offers high-quality solutions in LED and solar lighting products, including:

1. **LED Lighting:** Energy-efficient fixtures for industrial and outdoor use.
2. **Solar Lighting:** Solar-powered systems for sustainable energy savings.
3. **High Masts and Poles:** Durable structures for street and area lighting.
4. **Industrial High Bay Lighting:** Designed for warehouses and large spaces.
5. **Well Glass and FLP Solutions:** Robust lighting for harsh and hazardous environments.

These products enhance safety, productivity, and sustainability in various applications



Water Supply & Waste Water Management Projects

At ACS, we specialize in innovative solutions for water supply and wastewater management. Our services include:

Water Supply Solutions: Efficient potable water distribution using advanced pumping technologies.

Wastewater Management: Effective sewage treatment and pumping systems tailored to site conditions.

Integrated Approaches: Holistic planning that combines water supply and wastewater systems for efficiency.

Project Management: Experienced team ensuring timely delivery and ongoing support.

We are dedicated to providing reliable, cost-effective, and sustainable solutions for your water management needs. Let's work together for a better future

Keeping your work site well drained and safe eliminates downtime and consequential costs.

Complete Water Project Solutions

- Environmental Permitting
- Hydrogeological Assessments & Pumping Tests
- Water Pumping System Design and Product Recommendation
- Supply & Installation
- Specialized Pumps & Support Equipment
- Monitoring, Alerts & Reporting & Rectifications
- On-Site Operation & Maintenance

MECHANICAL



SEA WATER DESALINATION PUMPING SOLUTIONS

ACS Undertakes comprehensive turnkey Projects for Desalination pumping plants, focussing on design, supply, installation testing and commissioning (SITC). We leverage innovative eco-friendly Technologies to create efficient and economical pumping systems ensuring sustainable water solutions helping to address water society. Type of Pumps: Submersible, Vertical Turbine, Horizontal split case as per site recommendation

RIVER & CANALS RAW WATER PUMPING SOLUTIONS

ACS provides innovative solutions for raw water pumping from rivers and canals, offering tailored projects that ensure efficient and reliable water intake. Our expertise encompasses design, installation, and maintenance, utilizing advanced technologies to optimize performance and sustainability.

PIPE LINE SOLUTIONS

With a focus on innovation and efficiency, ACS Group leverages IoT technology in its pipeline project works. Their commitment to delivering projects on time, combined with advanced monitoring and maintenance capabilities, ensures that ACS Group (IOTQ). Meets the demands of modern infrastructure challenges while maintaining high safety and environmental standards.

CLEAR WATER SUPPLY PLANT PUMPING SOLUTIONS

ACS offers comprehensive water pumping solutions tailored for all major water treatment plants. We provide a range of pump types, including submersible, vertical turbine (VT), horizontal split case (HSC), vacuum pumps, and dosing/process pumps. Our solutions are designed to ensure efficient, reliable, and sustainable water management. Whether you need high-capacity pumping or precise dosing, ACS has the expertise to meet your specific requirements. Let us help you achieve optimal performance in your water treatment operations.

SEWAGE & EFFLUENT TREATMENT PLANT PUMPING SOLUTIONS

ACS provides cost-effective sewage effluent pumping solutions that minimize disruption to your site, regardless of the conditions. Our systems are designed for efficiency and reliability, ensuring smooth operation even in challenging environments. With tailored solutions, we can meet the specific needs of your project while maintaining a focus on safety and minimal impact on your site. Let ACS help you optimize your sewage pumping processes effectively.



Mine & Construction Dewatering

The challenging conditions of Mining dewatering projects poses a unique set of demands on the products and services offered. ACS understands the challenges of working in remote areas, in complex geology, corrosive and abrasive applications, as well as tight timelines and budgets.

Our pumping equipment is amongst the most advanced, efficient and reliable you can rely on our products in the harshest conditions, delivering the consistent performance you need.

DEWATERING

Turn-key dewatering solutions for lowering the water table up to 300m (1000ft)

HIGH VOLUME & HIGH PRESSURE

Pumping services and equipment in support of surface mining including low/high pH applications

WATER TAKING APPROVALS & DISCHARGE AGREEMENTS

Perform aquifer studies including zone of influence studies and pumping tests, and attain permits

TAILINGS POND MANAGEMENT

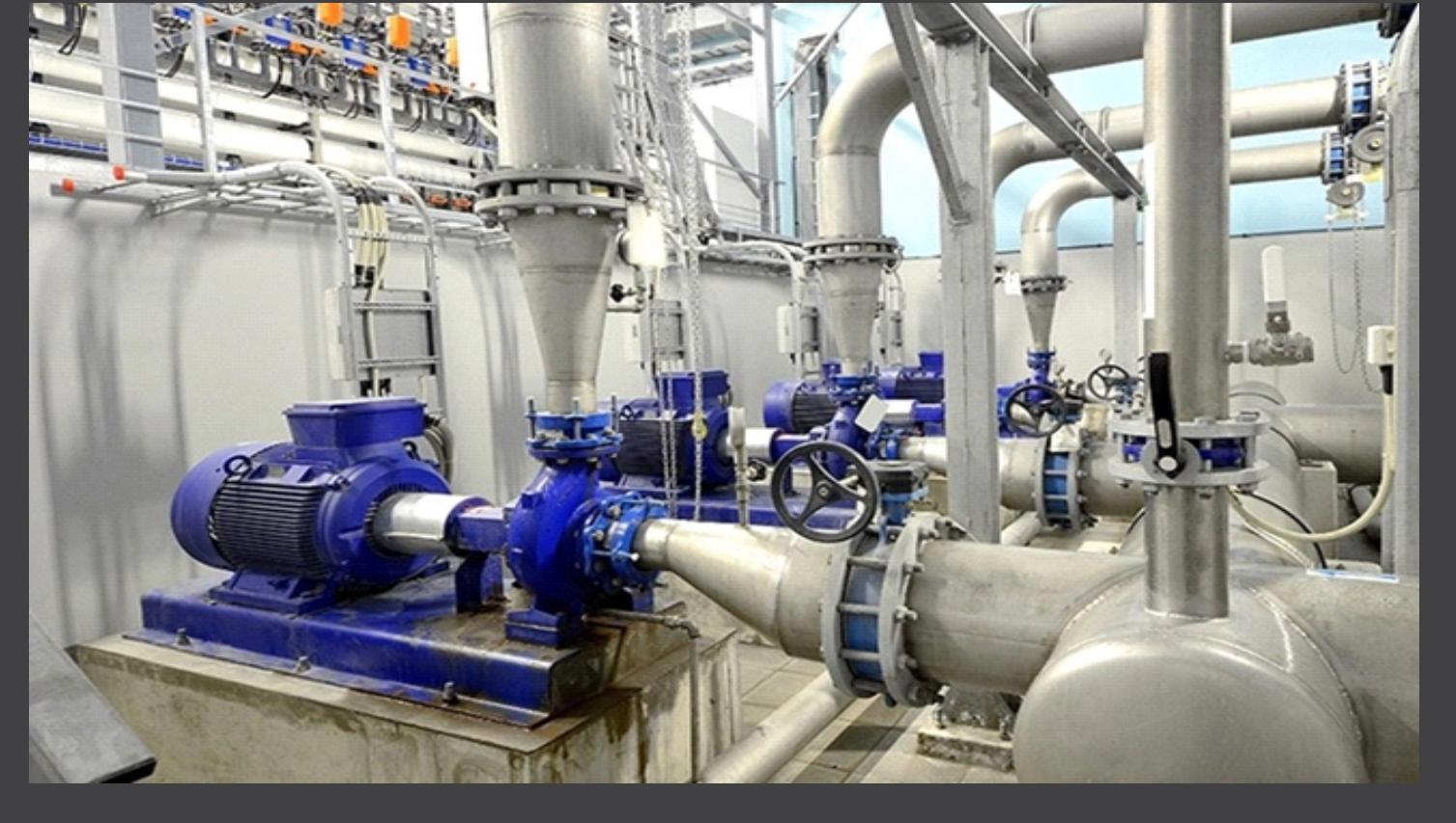
Electric, diesel or hydraulic pumping systems with remote monitoring

HDPE FUSING

On-site installation, sale, and rental of leak-free pipe system

ENGINEERED SOLUTIONS

Forecast yield and flow rates and reliable system engineering critical to eliminate significant cost and schedule implications



Industrial Fluids Pumping

Our pumps and pumping solutions are designed to handle an array of applications in some of today's most demanding environments. We have you covered from hazardous fluid transfer, pipeline repair, temporary pumping systems or liquid transfer in a plant expansion project.

From engineered pumping design, installation, service and on-site pumping solutions, our certified technicians are prepared to provide an engineered solution for your next project.



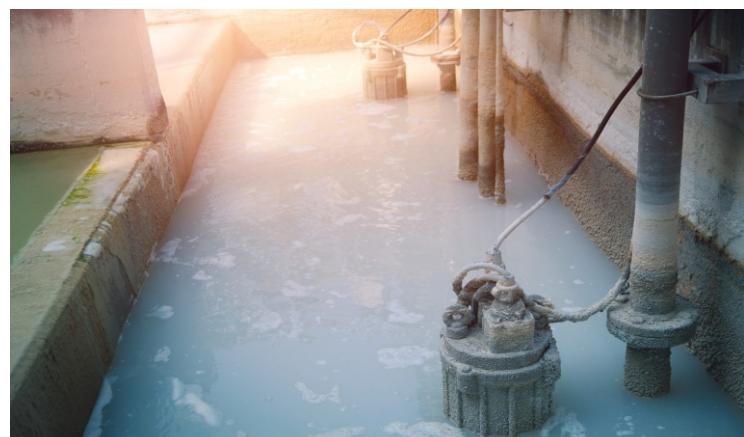
Engineered system design, stamped engineering plans, supply and install to meet governing regulations



Pumping solutions to overcome site restrictions



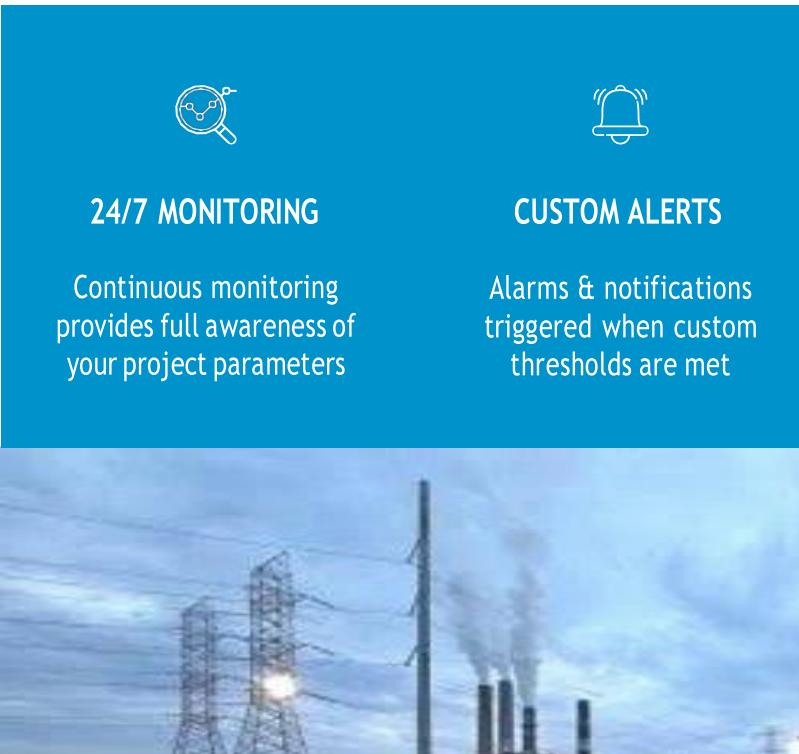
Qualified water and wastewater operators



EMERGENCY RESPONSE

IoT REMOTE MONITORING & CONTROL

ACS Technologies Ltd (IoTIQ) designs and supplies remote monitoring systems that allow for real-time monitoring and alerts of operating and compliance parameters as well as equipment service and maintenance. With accurate, real-time data and our alerting system, projects can achieve their end result with significantly less liabilities, cost, and time



Benefits of Using IoT in Field Service Management

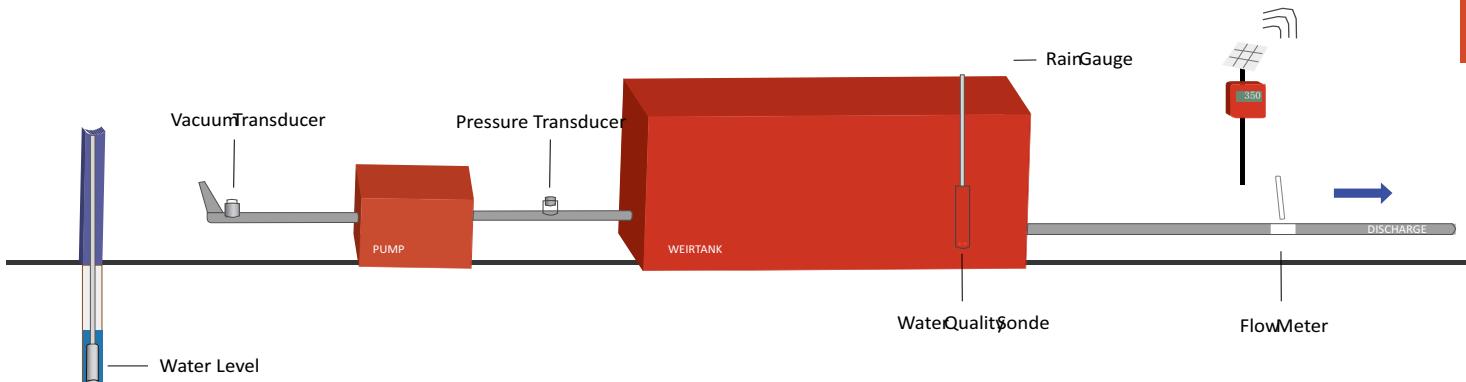
- IoT Enables Convenience
- IoT Increases Productivity
- IoT Increases Safety and Enables Proactive Maintenance
- IoT Improves Customer Experience
- IoT Improves Revenues

Top Applications of IoT in Field Service Management

- Real-Time Data Monitoring
- Data Analysis
- Predictive Maintenance
- Remote Asset Management
- Tracking with GPS
- Resource Management



PACKAGED MONITORING SYSTEMS



- ✓ Proactively anticipate and resolve operations, equipment issues and delays
- ✓ Remote controls of equipment
- ✓ Make live adjustments to your system to achieve maximum performance
- ✓ Share and maintain accurate records of your operating data and environmental compliance due diligence



Manufacture

MFG & SALE



DEWATERING, SLURRY & DREDGING PUMPS

ACS Technologies Limited specializes in manufacturing high-quality, custom-made pumps designed for special applications. Our products meet specific industry needs, providing reliability and efficiency.
Type : Surface and Submersible
Mode: Engine, Electrical & Hydraulic driven Pumps



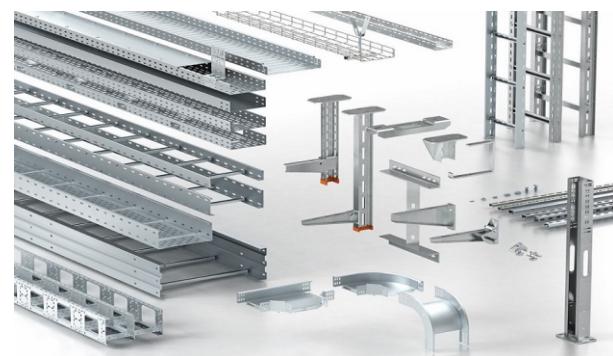
CONTROL PANELS & STARTERS

ACS designs and manufactures a wide range of electrical control panels featuring special functional and high efficiency.
HT & LT : PCC, MCC, PLC Automation, VFD
MOC : CRCA, SS, FRP and FLP.

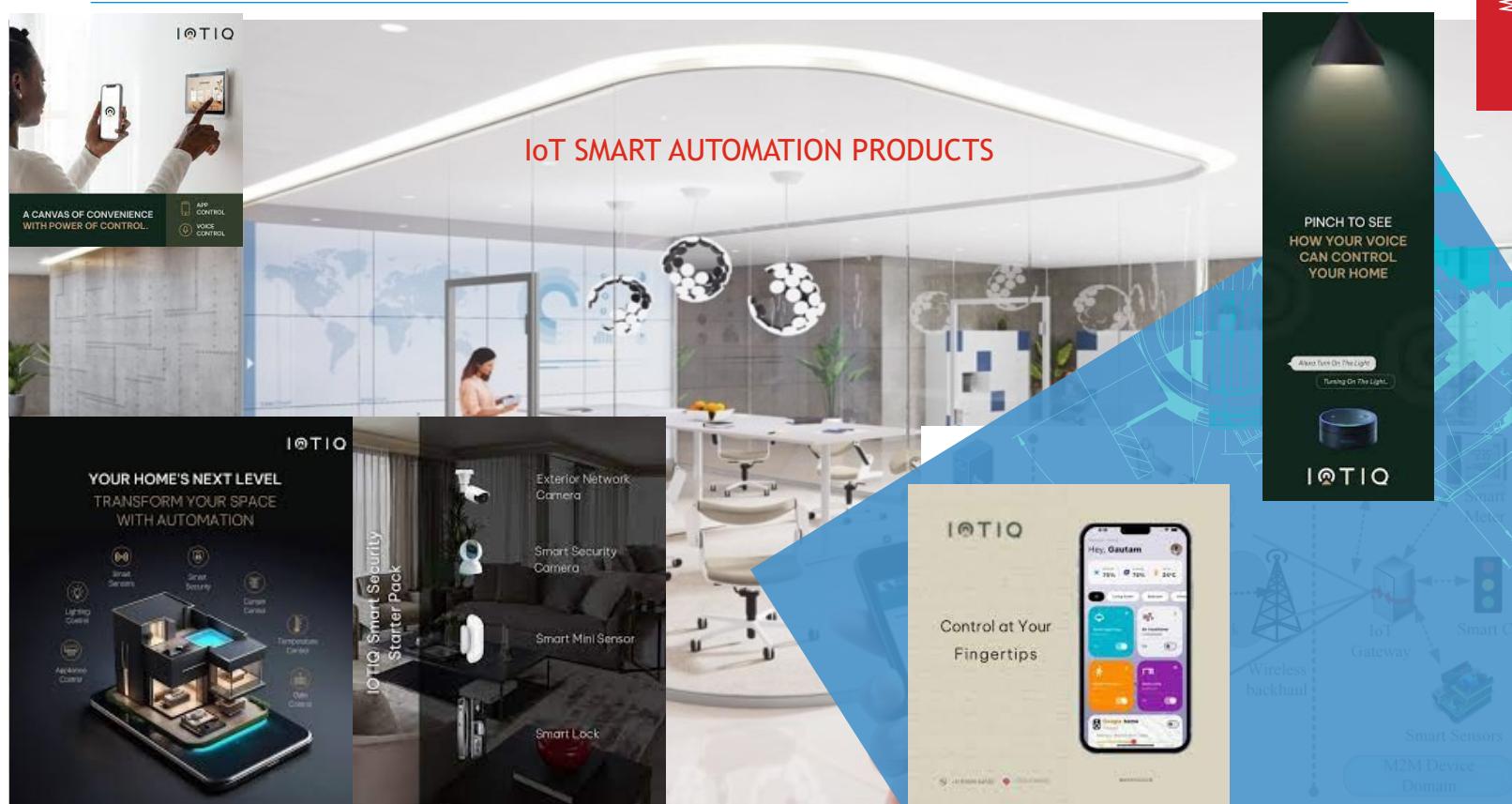


CABLE TRAYS

ACS designs and manufactures wide range of Cable Trays
Ladder type
perforated
FRP



IoT SMART AUTOMATION PRODUCTS





DIESEL & ELECTRIC PUMPS (3"-30" PUMPS)

Designed specifically for pumping Systems: known for their efficiency and using oil-free, low maintenance rotary pumps

WellPoint & Sock Dewatering
High Air Handling
Dual-Phase Extraction



SURFACE HSC, VT & DOSING PUMPS

For heavy duty
Higher Head
High Volume/Pressure



DEWATERING & SEWAGE PUMPS

Designed to effectively handle a wide range of liquids from water and sewage, to sludge that can contain solids and other materials

Dewatering	High Pressure
Solids Handling (Sewage)	High Volume



ELECTRIC SUBMERSIBLE TURBINE PUMPS

Utilizes high grade stainless steel materials for maximum performance in the most demanding applications

Dewatering
High Pressure



ELECTRIC & HYDRAULIC SUBMERSIBLES

Made with exceptional structural quality to achieve low maintenance costs, and designed to handle the heaviest slurries

Dewatering	Slurry
Wastewater	Dredging



DREDGES

Specifically designed for easy assembly and easy handling: Our multipurpose dredges have extreme mobility in many environments

11 kW/30 RPM to 30 kW/50 RPM excavators
30 to 200 m³/h at 6-8 bar jet rings

MOTORS & DRIVERS

HT & LT all type of electric motors including FLP VFDs
Soft starters
motor controllers



PANELS & CONTROLLERS

All type of HT & LT control panels
MCC
PCC
PLC
SCADA



CABLE & TRAYS

All type of cables and wires
Cable trays
Ladder type
perforated
FRP



MONITORING SYSTEMS & INSTRUMENTATION

Rugged monitoring equipment for real-time site data accessible via your smartphone or desktop
Discharge Flow Rate, Water Quality, Water/Fluid Level
Vacuum, Pressure, Rainfall, and More
Telemetry Systems with Automated Alerts
Pump Control



POWER & LIGHTING

Sound attenuated and reliable equipment
Generators
Light Towers
Multipurpose Units

PIPE, HOSE, VALVES & ACCESSORIES

HDPE Piping
Galvanized/HDPE Type B
Pipe and Fittings
Suction/Discharge Manifolds
Pipe Floats
Sewer Plugs
Fish Suction Baskets
Heat Tracing
Temporary Fuel Tanks
Valves



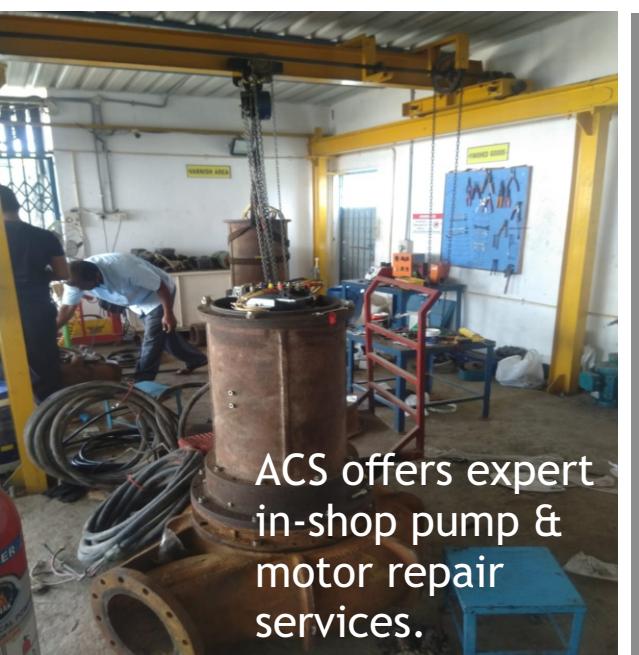
Parts & Service

TECHNICAL TRAINING & SUPPORT

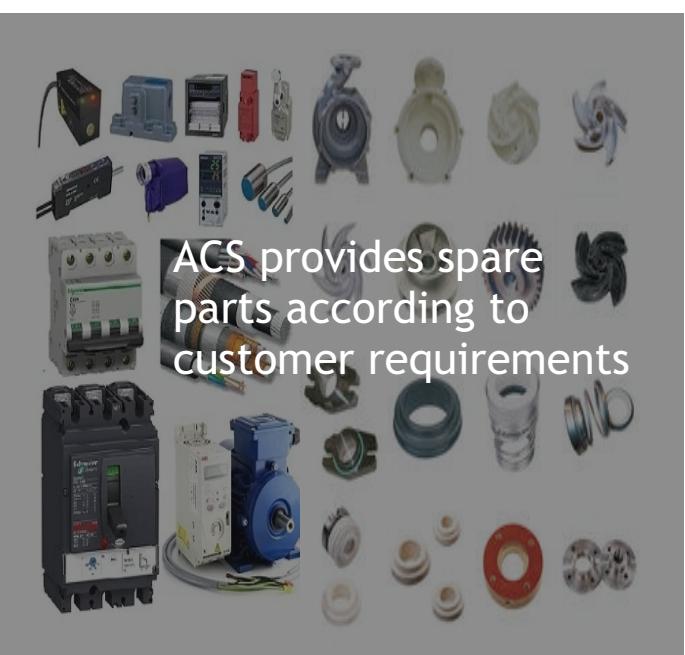
We offer operator and equipment service training in our equipment facility



RELIABLE REPAIR SERVICES

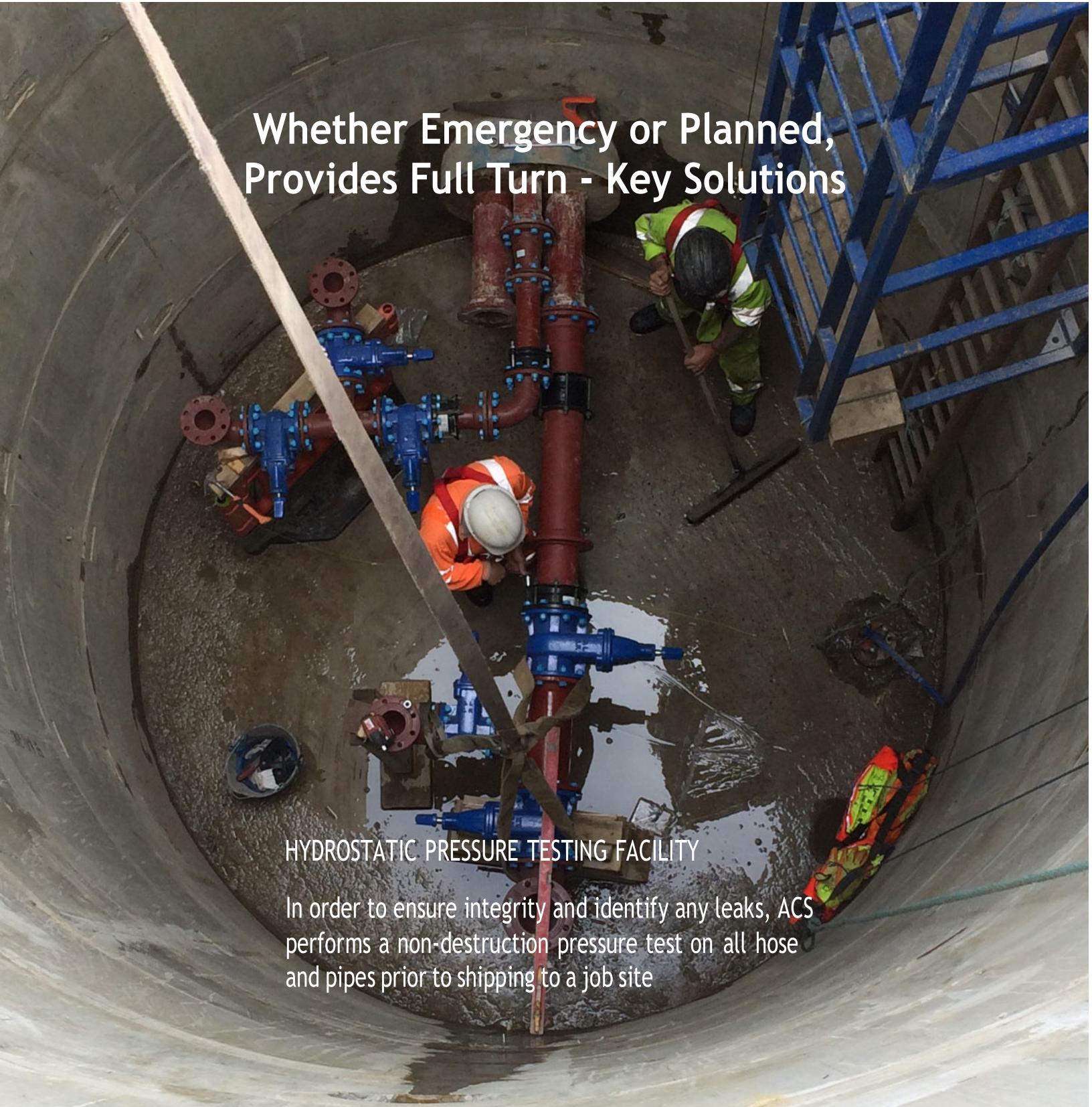


ACS offers expert in-shop pump & motor repair services.



ACS provide on - site services

Whether Emergency or Planned, Provides Full Turn - Key Solutions



HYDROSTATIC PRESSURE TESTING FACILITY

In order to ensure integrity and identify any leaks, ACS performs a non-destruction pressure test on all hose and pipes prior to shipping to a job site

Untouched Quality Assurance

We completely understand the essential nature of reliability in pumping system operations: we are committed to continuous improvement and our quality control system enables us to confidently stand behind all of our equipment.

ELECTRICAL SERVICES & SPARE PARTS

ACS Provide on site and in-shop repair services for control panels and motor rewinding works, spare part replacements as per customer requirements.

PUMP PERFORMANCE TESTING FACILITY

All pumps are performance tested and certified to meet manufacturer's published pump curve: this demonstrates hydraulic performance and mechanical integrity

EMERGENCY RESPONSE

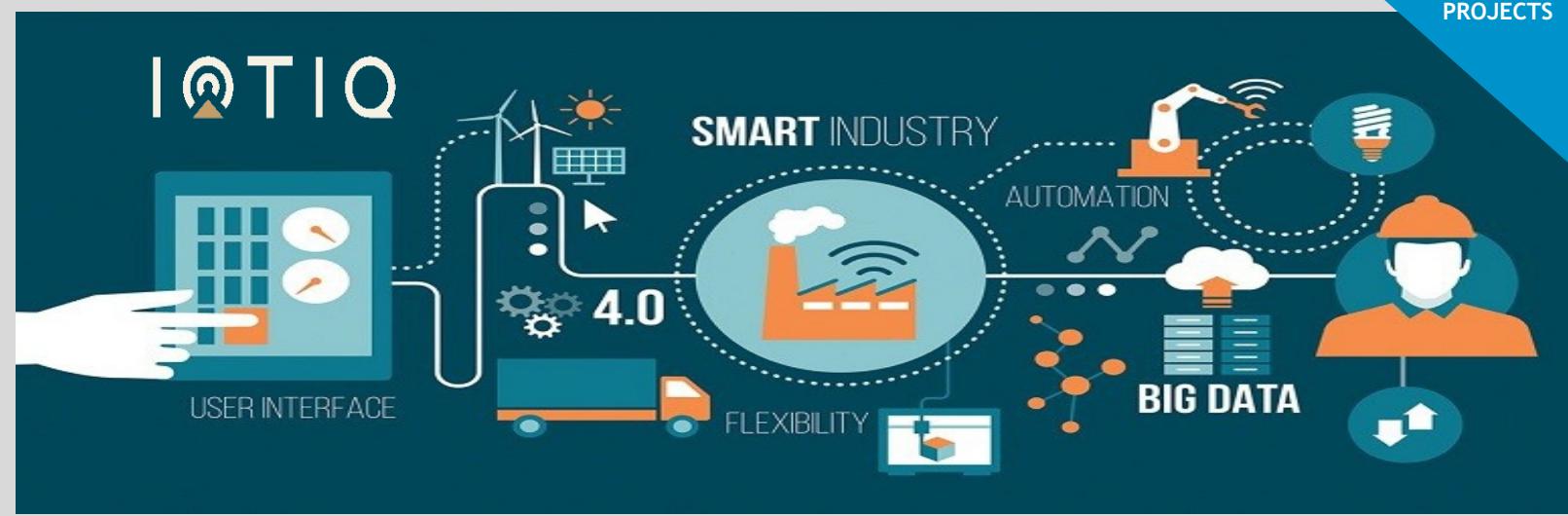
REMOTE/ON-SITE PUMP WATCH OPERATIONS

EQUIPMENT & PERSONNEL

PUMP FLEET & SERVICE SOLUTIONS



ELECTRICAL
MECHANICAL
& IOT
PROJECTS



ACS TECHNOLOGIES LIMITED



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