



Corporate Brochure

Your Trusted Advisor.



Regulatory Compliance

sustainable compliance
assurance



Operational Technology

managing operational
complexity



Cyber & Physical Security

holistic approach to risk
management



Energy Solutions & Services

pragmatic & forward-thinking
engineering



Training



Corporate Brochure

02



Introduction

Acumen is an engineering and management consulting firm providing pragmatic and sustainable engineering, technical, and management solutions to electric and water utilities, transportation operators, pipeline operators, commercial and industrial entities, and government agencies across North America and internationally.



Corporate Brochure



Harnessing Technology to Attain Operational Excellence

Our in-house, highly-trained and knowledgeable professional staff brings extensive experience in implementing, operating, supporting and managing 24x7 environments and can aid and add value throughout the system development lifecycle.

From the initial needs assessment and requirements gathering through strategy and roadmap development, architecture and design, procurement, implementation, sustainment, and maintenance, to training and documentation, we aim to be a long-term trusted technology partner to provide complete “cradle-to-grave” support and expertise.

Why Acumen?

With over 38 years of experience, we have the right tools, knowledge, and resources to solve your utility issues, no matter how large or complex.

By choosing Acumen, you have some of the best professionals in the industry working alongside your team to get you the results you need within your timeframe and budget.



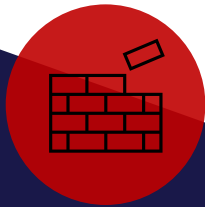
Regulatory Compliance

Get cost-effective solutions tailored for you to address regulatory compliance obligations with NERC, Cyber Security, Electrical Safety, and Privacy.



Compliance Assurance

Mitigate and manage risks with a variety of solutions and options, customized to your unique needs.



Compliance Implementation Services

Implement industry best practices when following compliance requirements, developing Regulatory Compliance Programs (RCPs), and performing audits for your organization.



Compliance Advisory

Keep your organization safe by identifying, remediating, and mitigating potential compliance risks.



Compliance Management

Save time and resources when Acumen takes the lead and manages compliance activities on your behalf.



Regulatory Compliance Services

Compliance Assurance

- Gap Assessment
- Regulatory Compliance Programs (RCPs)
- Policies, Plans & Procedures
- Internal Controls & Evaluation (ICE)
- Cyber Vulnerability Assessment (CVA)
- Audit Preparedness - Mock Audits & Witness Preparation
- Compliance Management Tools Assessment

Compliance Implementation Services

- NERC Cyber Security Standards CIP
- NERC Operations & Planning Standards
- Cyber Security Framework(s)

Compliance Advisory

- Ad-Hoc Advisory & Support Services
- Audit Support
- Registration, Certification, & Deregistration
- Regulatory Compliance Committee Representation
- Self-Reporting & Mitigation Plans
- Subject Matter Expert & Witness

Compliance Management

- Quarterly Compliance Briefings
- Periodic Data Submittals
- NERC Alert Interpretations & Responses
- Cyber Security & NERC CIP Reliability Patch Management
- Self-Certifications
- Audit & RFI Submissions
- Virtual NERC Compliance Manager(s)

Operational Technology

Maximize your return on investment by drawing on our in-depth experience in SCADA, EMS/ADMS, DERMS, and AMI/GIS/OMS to manage, integrate, and optimize entire OT ecosystems.



IT/OT Assessment & Analysis

Stay ahead of potential future changes in the IT/OT landscape with a thorough assessment and analysis of your current systems, to find the best solution for your current and future needs.



System Implementation & Configuration

Whether you're implementing a brand-new system or updating your current operations, reach your full operational potential with a focus on refined integration, communication, interoperability, and end-user satisfaction.



Complete OT Lifecycle Advisory & Management

Working hand-in-hand with you throughout the entire system implementation lifecycle, we take care of operational challenges to keep your business running smoothly.



Sustainment & Maintenance

Lifetime support, monitoring, and remediation services to keep your systems cost-effective, safe, and reliable.

Operational Technology Services

IT/OT Assessments & Analysis

- Operational Assessment
- Needs Assessment
- Feasibility Studies
- Cost/Benefit Analysis

System Implementation & Configuration

- Project Management (Planning, Procuring & Deployment)
- System/Solution Implementation
- System Integration Services
- Documentation

Complete OT Lifecycle Advisory & Management

- IT/OT Ecosystem Strategy & Roadmaps
- Architecture & System Design
- Application & Implementation Planning & Support
- Custom Application Planning, Development & Support

Sustainment & Maintenance

- Lifetime Support (Periodic Assessments)
- Database/Display Updating & Building
- Patch & Upgrades Management
- System Monitoring, Tuning & Expansion Support

Cyber & Physical Security

Our range of Cyber & Physical Security services incorporate proven risk-based industry practices to assess cyber environments and identify exposures across governance, people, and technology.



Risk Assessments

Our proven methodologies identify all threats, implement corrective measures, and ensure compliance with regulations for your complete protection.



Management Services

For all your unique security needs, Acumen guarantees cost-effective solutions for managing your cyber security resources across your utility.



Advisory

Develop a comprehensive security management program that suits your unique entity best.



Implementation Services

Manage and mitigate ever-evolving security threats with tailored strategies, roadmaps, and frameworks in the areas of guidance, technical solutions, and stable cyber architecture.



Cyber & Physical Security Services

Risk Assessments

- Cyber Program & Security Strategy Assessment
- Cyber Security Maturity Scoring
- Network Penetration Testing
- Operational Risk Assessment
- Cyber Vulnerability Assessment (CVA)
- NIST & Privacy Standards Assessment
- Cyber Posture Assessment
- Physical Security Assessment
- Microgrid & DERs Cyber Assessment

Management Services

- Cyber Incident Response & Recovery Exercises
- CISO-as-a-Service
- Cyber Security & Physical Security Health Check
- Remediation Support

Advisory

- Business Case Development
- Cyber & Physical Security Governance & Program Recommendations
- Security & Privacy Roadmaps
- Supply Chain / Third-Party Cyber Security Risks
- Network Architectural Reviews
- Secure Network Architectures Development
- Organizational Change Management Planning
- Cyber & Physical Security for Microgrids & DERs
- Compliance Advisory

Implementation Services

- Workforce Transition
- Policy, Standards & Procedures Development
- Cyber Incident Response Planning & Communications
- Network Configuration & Segmentation
- NERC Cyber Security CIP Standards

Energy Solutions & Services

Our experts understand your business model and serve as an extension of your team to deliver customized technical and financial solutions.



Energy Advisory

Stay on top of emerging news and updates in the industry with the best resources and knowledge experts on your side.



Energy Management

Track electricity market indicators to maximize your assets profit potential.



Planning & Operations

From planning in the office to overseeing construction in the field, be confident that our decades of knowledge and technical experience will translate to smooth operations across your entire company.



Energy Solutions & Services

Energy Advisory

- Energy Transition
- Distributed Energy Resources (DERs) Optimization
- Non-Wire Alternatives (NWAs)

Energy Management

- Generation Management
- Load Management
- Procurement & Hedging Services
- EV Charging Management
- Utility Services

Planning & Operations

- Asset Management
- Operational Planning
- System Planning
- Safety Audits
- Engineering Services

Training

To bring our best to our clients, we bring our collective knowledge garnered through active involvement with client projects, industry participation, and practical, hands-on utility experience.

A sample of the course topics include:

- Introduction to Electricity & Power Systems
- Welcome to NERC Reliability Compliance
- Detailed Deep Drive Training on the CIP and O&P Standards
- Principles of Supervisory Control & Data Acquisition (SCADA)
- Board/Executive Management Level Cybersecurity Training
- Fundamentals of IT/OT Cyber Security Risk Management
- Distributed Energy Resources Fundamentals and Integration



Flexible Delivery

We can bring any existing course to your facility or customize an agenda based on your specific requirements. Along with flexibility in its delivery, each training session is prepared and tailored to its audience. Depending on the audience, the training can be high-level or deep-drive for the topics being covered.



Expert Instructors

Tap into the knowledge of our seasoned team and gain a wealth of information – successes and lessons learned – garnered through years of expertise-building with utilities and experience gained from multiple projects.



Cost-Effective Approach

Acumen training strikes a balance between covering the fundamental concepts and best practices with relevant examples relatable to the utility sector and tailoring the content to the various subject matter.



Training Delivery Options

Delivery of the training can be on-site classroom training, virtual training, or e-Learning utilizing Acumen's LMS System.



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Book a consult now!