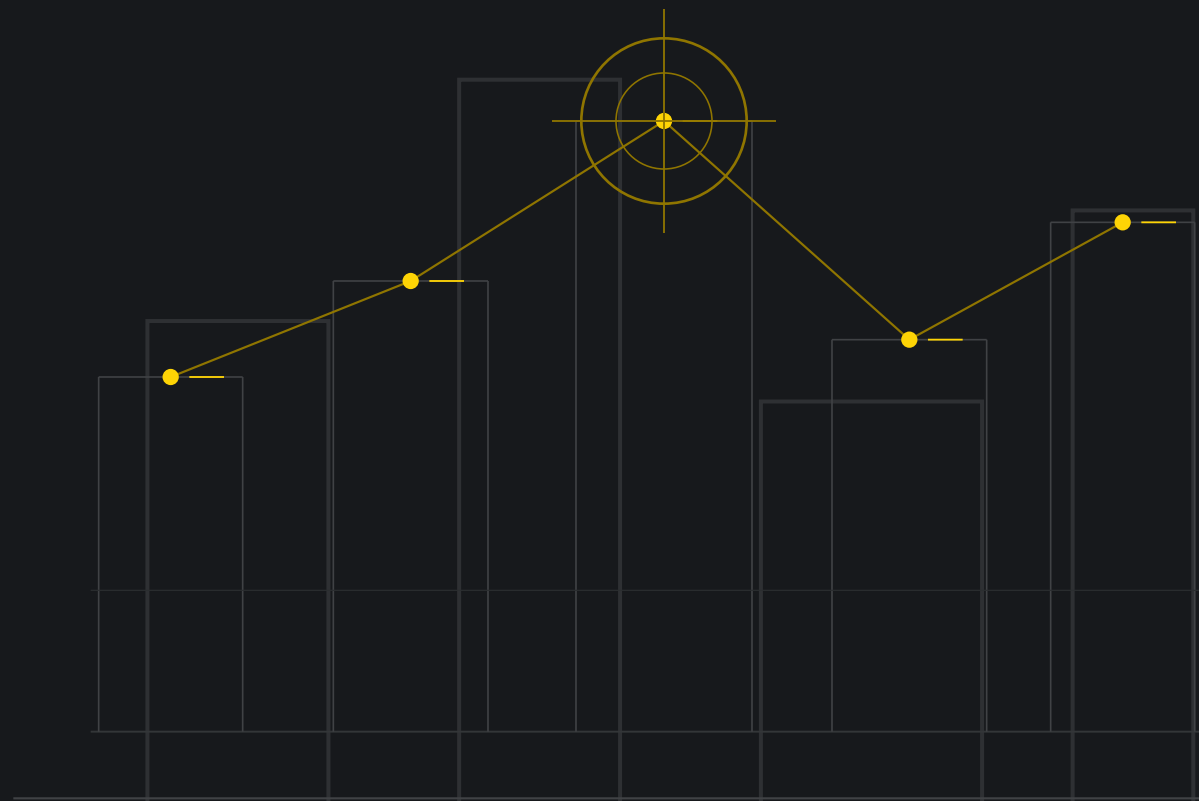


Engineering certainty. Across the asset lifecycle.

FORMĚS supports industrial, energy, infrastructure and built-environment assets from studies and design through delivery, inspection, commissioning and asset performance.



39

CANONICAL SERVICES

06

SERVICE CATEGORIES

06

SECTOR ENVIRONMENTS

FORMĚS / TECHNICAL CAPABILITY ATLAS

QUESTION → EVIDENCE → UNCERTAINTY → VERIFICATION → DECISION

CONTENTS

Technical capability, structured around the requirement.

Navigate the complete FORMĚS technical capability catalogue through six service categories, with direct page references to all 39 services.

03	ABOUT FORMĚS	04	OPERATING ENVIRONMENTS + LIFECYCLE	05	HOW FORMĚS THINKS	06	CAPABILITY ARCHITECTURE	37	MULTIDISCIPLINARY SCENARIOS	38	TECHNICAL ENQUIRY
01	Studies, Permitting & Design	07–13		02	Facility Management	14–17		03	Construction	18–25	
01	Design Review	07		08	HVAC Compliance	14		12	Construction Supervision	18	
02	Technical Due Diligence & Audit	08		09	Facility Management Auditing	15		13	Project Management	19	
03	Technical Assistance	09		10	Facility Management Monitoring	16		14	Quality Assurance & Quality Control (QA/QC)	20	
04	Geotechnical Studies & Survey	10		11	Property Condition Assessment	17		15	Material Testing & Consultancy	21	
05	Construction Material Analysis & Feasibility	11						16	Site & Shop Inspection — 1st, 2nd & 3rd Party	22	
06	Supplier Feasibility Assessment	12						17	Supply Chain Audit	23	
07	BIM Management	13						18	As-Built Documentation & Verification	24	
								19	Commissioning Support	25	
04	Asset Management	26–32		05	Project Quality Inspection & Digitalization	33–34		06	Engineering & Technical Manpower Support	35–36	
20	Asset Performance Assessment	26		29	Aerial Drone Inspection	33		35	Engineering Secondment	35	
21	Lifecycle Asset Analysis	27		30	Unmanned Robot Inspection	33		36	Field Engineering Support	35	
22	Compliance Audit	28		31	Mixed Reality, AI & VR-Enabled Workflows	34		37	QA/QC & Inspection Personnel	36	
23	Seismic Technical Assistance & Audit	29		32	Infrared Imaging	34		38	Discipline Engineering Support	36	
24	Structural Health Monitoring	30		33	Rugged Field Tablets & Data Synchronization	34		39	Project Technical Personnel	36	
25	Structural Integrity Assessment	31		34	Digital Inspection Workflows	34					
26	Asset Condition Assessment	31									
27	Failure, Distress & Root-Cause Investigation	32									
28	Repair, Rehabilitation & Strengthening Recommendations	32									

Engineering decisions, built on evidence.

WHY FORMĚS

The technical problem usually arrives before the perfect scope.

A requirement may begin as a condition, a discrepancy, an interface, a concern, a risk or a decision that cannot yet be defended.

FORMĚS begins by structuring that uncertainty: what is known, what is assumed, what remains unresolved, what evidence matters and what technical action can change the decision.

Capability follows the decision — not the other way around.

FORMĚS is an Oman-based multidisciplinary engineering and technical services company built around a simple idea: technical uncertainty should be reduced methodically until the next decision can be defended.

FORMĚS / OMAN

MUSCAT

Multidisciplinary engineering & technical services across the asset lifecycle.

39

CANONICAL SERVICES

06

FORMAL CATEGORIES

06

SECTOR ENVIRONMENTS

01

COORDINATED TECHNICAL SYSTEM

01

Conclusions supported by evidence proportionate to the decision.

02

Engineering judgement remains connected to physical condition and execution reality.

03

The basis of review, verification and recommendation remains recoverable.

04

The method matches the technical question rather than over- or under-serving it.

Context changes the engineering question.

SECTORS	
01 Oil & Gas & Energy	02 Industrial & Manufacturing
03 Utilities & Infrastructure	04 Ports, Logistics & Economic Zones
05 Buildings & Real Estate	06 Property & Facilities

A technical method that is appropriate in one environment may be incomplete in another. Access, interfaces, evidence quality, operating constraints and consequence of error change what a defensible response requires.

ACROSS THE ASSET LIFECYCLE

- 01 Assess
- 02 Engineer & Verify
- 03 Manage & Deliver
- 04 Inspect & Assure
- 05 Commission
- 06 Monitor & Improve

FORMÉS capabilities can enter at different points in the lifecycle and remain connected where the technical decision crosses disciplines, project stages or asset interfaces.

Technical uncertainty is where the work begins.

Most technical requirements arrive as a condition, discrepancy, interface, risk or decision that cannot yet be defended.

FORMĚS structures that uncertainty until the evidence, technical reasoning and next action are clear enough to support a defensible decision.

01	02	03	04	05
Question What decision matters?	Evidence What can actually be established?	Uncertainty What can change the outcome?	Verification What needs to be checked?	Decision What can now be defended?

EVIDENCE-LED Start from what can be established.	FIELD-CONNECTED Keep engineering tied to site reality.	TRACEABLE Make decisions and closure visible.	FIT-FOR-PURPOSE Configure the response around the need.
--	--	---	---

39 services. One coordinated technical system.

The 39-service catalogue is organized in six formal service categories. Each category groups related capabilities around a clear engineering, delivery, inspection, asset or resource need.

START WITH THE REQUIREMENT What decision needs evidence?

Assess · Engineer & Verify · Manage & Deliver · Inspect & Assure · Commission · Monitor & Improve

<div>01</div> <div>Studies, Permitting & Design</div> <div>7 SERVICES</div>	<div>02</div> <div>Facility Management</div> <div>4 SERVICES</div>	<div>03</div> <div>Construction</div> <div>8 SERVICES</div>
<div>04</div> <div>Asset Management</div> <div>9 SERVICES</div>	<div>05</div> <div>Project Quality Inspection & Digitalization</div> <div>6 SERVICES</div>	<div>06</div> <div>Engineering & Technical Manpower Support</div> <div>5 SERVICES</div>

HOW TO READ THE ATLAS

Formal categories organise the 39-service catalogue and provide a direct route to the relevant FORMÉS capability.

SERVICE 01 / STUDIES, PERMITTING & DESIGN

Design Review

SERVICE FOCUS Ensuring Conformity & Excellence

TECHNICAL DESCRIPTION

Our Design Review service plays a vital role in guaranteeing the success of your project by ensuring every aspect of the design meets the highest standards of quality, safety, and regulatory compliance. Through meticulous oversight and independent verification, we verify conformity with project requirements and industry standards.

DETAILED TECHNICAL SCOPE

- Comprehensive oversight of design and construction activities
 - Independent verification of conformity with project requirements and industry standards
 - Meticulous examination of design drawings, technical documents, and management plans
 - Evaluation of key areas including structure, MEP installations, finishing works, infrastructure, and more
- Assessment of critical aspects such as fire and life safety prevention, energy efficiency, and accessibility
 - Expert recommendations and insights throughout project stages
 - Ensuring compliance at concept, detailed design, tender, and execution phases



SERVICE STRUCTURE

Studies, Permitting & Design

PRIMARY NEED / Engineer & Verify | COMMERCIAL PATHS / Engineering & Design Assurance

SERVICE 02 / STUDIES, PERMITTING & DESIGN

Technical Due Diligence & Audit

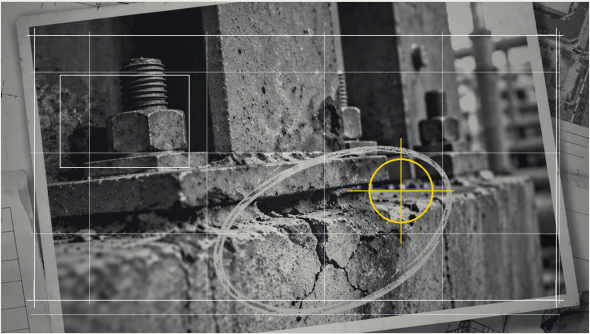
SERVICE FOCUS Ensuring Informed Decision-Making

TECHNICAL DESCRIPTION

Our Technical Due Diligence and Audit service provides clients with comprehensive insights into the status of their facilities, ensuring compliance with codes, regulations, and quality standards. By conducting thorough evaluations and audits, we empower clients to make informed decisions about their assets, optimize planning, and maximize asset value.

DETAILED TECHNICAL SCOPE

- Assessment of Architecture, Structure, MEP Installation, Interior & Exterior Finishing Works, and Roads and Utilities Infrastructure.
- Site inspections and thorough audit of execution and maintenance records.
- Detailed report highlighting anomalies, defects, non-compliance, and their locations, along with estimated quantities and actionable recommendations.
- Expert advice on public-private partnerships (PPPs) in transportation, education, electricity, healthcare, sanitation, and more.
- Provide a comprehensive technical evaluation of assets.
- Manage and control communication, negotiations, and stakeholder concerns.
- Optimize planning and enhance asset and equity value.



REPRESENTATIVE TECHNICAL VISUALIZATION / Evidence comparison: records, physical condition and discrepancy. NOT A PROJECT REFERENCE.



SERVICE STRUCTURE

Studies, Permitting & Design

PRIMARY NEED / Engineer & Verify | COMMERCIAL PATHS / Engineering & Design Assurance

SERVICE 03 / STUDIES, PERMITTING & DESIGN

Technical Assistance

SERVICE FOCUS Comprehensive Support Throughout the Project Lifecycle

TECHNICAL DESCRIPTION

Our Technical Assistance sub-service offers end-to-end support to clients, providing expert guidance and oversight from the tender stage to testing and certification. We collaborate closely with clients, leveraging our expertise and resources to ensure project success and adherence to industry standards.

DETAILED TECHNICAL SCOPE

- Analysis of input data, material investigations, and construction technical proposal justifications during the tender phase.
 - Expert assistance in design review, code compliance, structural engineering, geotechnical analysis, safety assessments, calculation notes, and construction arrangements during the design phase.
 - Deployment of dedicated teams in quality assurance, quality control, and health, safety, and environmental (HSE) management during the construction phase.
- On-site inspections of manufacturing or prefabrication, visual inspections, welding and welder qualifications, non-destructive testing (NDT), and sampling and testing of materials.
 - Ongoing assistance and guidance throughout the proofing of works process.



SERVICE STRUCTURE

Studies, Permitting & Design

PRIMARY NEED / Engineer & Verify | COMMERCIAL PATHS / Engineering & Design Assurance · Project & Construction Management · Engineering & Technical Manpower

SERVICE 04 / STUDIES, PERMITTING & DESIGN

Geotechnical Studies & Survey

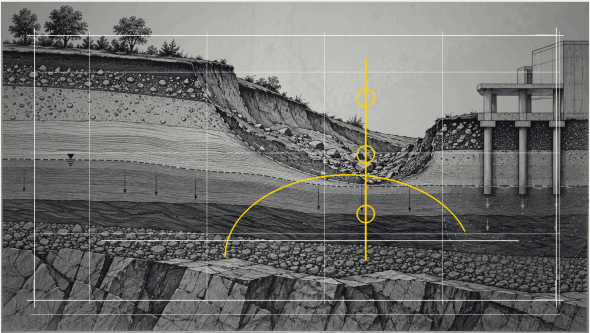
SERVICE FOCUS Comprehensive Geotechnical Assessments for Successful Project Execution

TECHNICAL DESCRIPTION

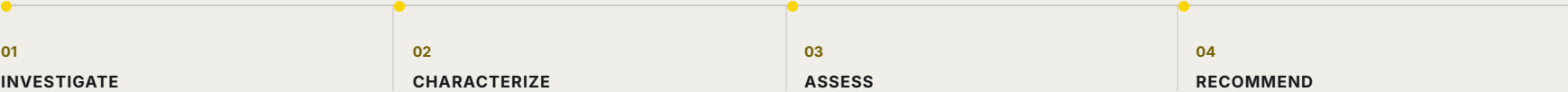
Our Geotechnical Studies and Survey service provides comprehensive assessments of soil and site conditions for construction projects. Our experts analyse soil composition, stability, and other factors to identify risks and offer recommendations. We assist clients in making informed decisions and ensuring successful project execution.

DETAILED TECHNICAL SCOPE

- Detailed site investigations and soil testing to assess geotechnical conditions
- Analysis of soil properties, including strength, stability, and settlement characteristics
- Evaluation of geological hazards, such as seismic activity or soil liquefaction potential
- Identification of potential geotechnical risks and recommendations for mitigation strategies
- Geotechnical surveys for foundation design, slope stability, and earthworks planning
- Assessment of groundwater conditions and their impact on construction activities
- Provision of geotechnical data and reports to support informed decision-making
- Collaboration with project stakeholders to ensure compliance with regulatory requirements
- Application of industry best practices and state-of-the-art geotechnical techniques



REPRESENTATIVE TECHNICAL VISUALIZATION / Ground section used to communicate investigation, groundwater, stability and foundation response. NOT A PROJECT REFERENCE.



DELIVERY / QUALIFICATION NOTE

Specialist investigation, survey and laboratory activities may be delivered with qualified partners where project-specific equipment or accreditation is required.

SERVICE STRUCTURE

Studies, Permitting & Design

PRIMARY NEED / Engineer & Verify | COMMERCIAL PATHS / Engineering & Design Assurance

Construction Material Analysis & Feasibility

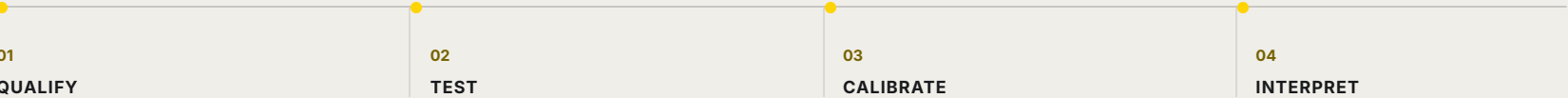
SERVICE FOCUS Ensuring Quality and Conformance

TECHNICAL DESCRIPTION

Our Construction Material Analysis and Feasibility sub-service ensures the quality and conformity of construction materials. Through advanced testing methods and equipment, we verify material adherence to specifications and standards. Our comprehensive analysis covers soil, structure, MEP installations, finishing works, and infrastructure. With a focus on accuracy, we perform tests, witness procedures, review equipment calibration, and provide detailed reports for informed decision-making.

DETAILED TECHNICAL SCOPE

- Qualification and verification of construction materials to ensure compliance with project specifications and standards.
 - Performance of tests and witnessing of testing procedures to assess conformity and reliability.
 - Thorough review and calibration verification of testing equipment for accurate and precise results.
 - Issuance of detailed test reports and interpretive reports to inform decision-making.
- Early-stage analysis during the design phase, such as soil tests, to assess material feasibility and inform planning.
 - Ongoing analysis during the execution stage, focusing on structural materials and their performance.
 - Collaboration with clients to identify optimal material choices and ensure long-term project success.



DELIVERY / QUALIFICATION NOTE

Laboratory testing may be coordinated through qualified laboratories where accredited testing is required.

SERVICE STRUCTURE

Studies, Permitting & Design

PRIMARY NEED / Engineer & Verify | COMMERCIAL PATHS / Engineering & Design Assurance

SERVICE 06 / STUDIES, PERMITTING & DESIGN

Supplier Feasibility Assessment

SERVICE FOCUS Ensuring Quality and Compliance

TECHNICAL DESCRIPTION

Our Supplier Feasibility Assessment service provides comprehensive quality surveillance of the supply chain, ensuring timely delivery and compliance of purchased equipment/materials. With a focus on Capex and Opex support, we offer shop inspections, expediting services, and supplier qualification to verify compliance and certify inspection results.

DETAILED TECHNICAL SCOPE

- Quality surveillance of the supply chain for industrial clients.
- Timely delivery of purchased equipment/materials.
- Assistance during procurement and revamping phases.
- Shop inspections (2nd & 3rd party) and expediting services.
- Supplier qualification and technical assessment.
- Verification of compliance for purchased equipment/materials (2nd party).
- Certification of inspection results by independent organization (3rd party).
- Ensure adherence to project requirements and industry standards.
- Mitigate risks and ensure reliable supply chain management.
- Optimize Capex and Opex investments.
- Collaborate with clients and stakeholders for seamless procurement and operations.



SERVICE STRUCTURE

Studies, Permitting & Design

PRIMARY NEED / Engineer & Verify | COMMERCIAL PATHS / Engineering & Design Assurance

SERVICE 07 / STUDIES, PERMITTING & DESIGN

BIM Management

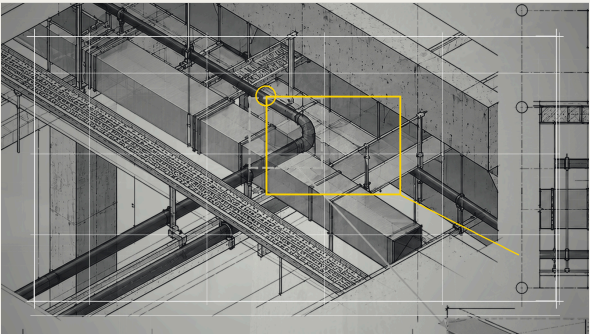
SERVICE FOCUS Streamlining Design and Execution

TECHNICAL DESCRIPTION

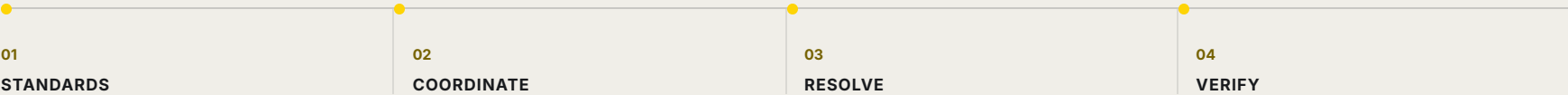
Our BIM Management service ensures seamless coordination and optimization of design and execution through the implementation of BIM technologies. From delivering comprehensive BIM design quality plans to conducting precise as-built model checks, we provide end-to-end support in utilizing BIM for enhanced design accuracy, cost optimization, visual communication, and work safety.

DETAILED TECHNICAL SCOPE

- Delivery of BIM design quality plans, including classifications, standards, and communication guidelines.
- Management of BIM weekly meetings with all contractors for efficient collaboration.
- Identification and resolution of clashes for smooth project execution.
- Assistance in utilizing BIM technologies for complex design questions, cost optimization, and supply improvement.
- Simulation of 3D scenarios for enhanced project visualization and planning.
- Execution quality control to ensure adherence to schedule and quality standards.
- Review and accuracy check of BIM models against the real building for comprehensive verification.
- Correction and implementation of necessary model updates and enhancements.
- Provision of a certified as-built BIM model in addition to traditional CAD files.
- Completeness check of as-built BIM models for object characteristics.



REPRESENTATIVE TECHNICAL VISUALIZATION / BIM coordination visual used to communicate model interfaces and clash resolution. NOT A PROJECT REFERENCE.



SERVICE STRUCTURE

Studies, Permitting & Design

PRIMARY NEED / Digitalize & Coordinate | COMMERCIAL PATHS / Engineering & Design Assurance - BIM, Digital Engineering & Technical Data

SERVICE 08 / FACILITY MANAGEMENT

HVAC Compliance

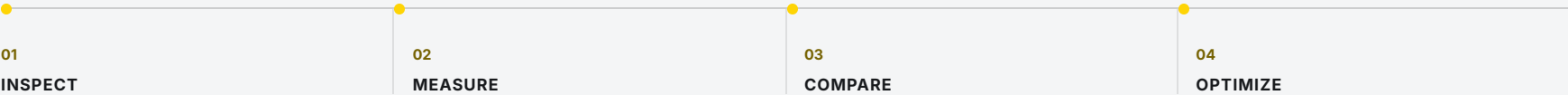
SERVICE FOCUS Ensuring Optimal Air Quality and Energy Efficiency

TECHNICAL DESCRIPTION

Our HVAC Compliance sub-service focuses on ensuring optimal air quality, energy efficiency, and compliance with local and international standards. With expertise in HVAC systems, we evaluate, assess, and verify system performance, efficiency, and compliance to deliver comfortable and healthy indoor environments while optimizing energy consumption.

DETAILED TECHNICAL SCOPE

- Comprehensive evaluation and verification of HVAC systems to ensure compliance with standards and regulations.
 - Detailed inspection and testing of components, including heating systems, ventilation systems, and air conditioning units.
 - Analysis of critical air quality parameters, such as temperature, humidity, and indoor air pollutants.
 - Identification of potential issues and non-compliance to ensure corrective measures and optimal system functionality.
- Optimization strategies to maximize energy efficiency, minimize operational costs, and enhance sustainability.
 - Enhanced occupant comfort, productivity, and well-being through improved air quality and thermal conditions.
 - Compliance documentation and reporting for regulatory requirements.
 - Expert recommendations for system upgrades, retrofits, or maintenance improvements to achieve higher performance and sustainability.



SERVICE STRUCTURE
Facility Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / —

Facility Management Auditing

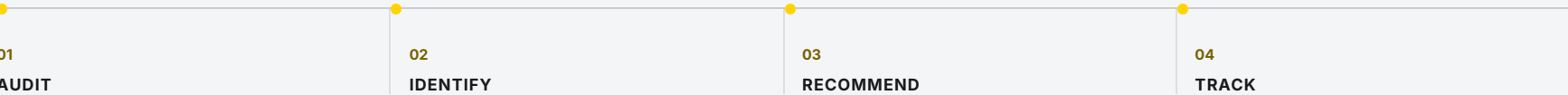
SERVICE FOCUS Enhancing Operational Efficiency and Performance

TECHNICAL DESCRIPTION

Our Facility Management Auditing sub-service focuses on assessing and optimizing the operational efficiency and performance of your facility management processes. Through comprehensive audits and evaluations, we identify areas for improvement, streamline workflows, and ensure compliance with industry standards and best practices.

DETAILED TECHNICAL SCOPE

- Thorough assessment and evaluation of facility management practices, procedures, and workflows.
 - Identification of operational gaps, inefficiencies, and non-compliance with industry standards.
 - Evaluation of maintenance processes, asset management, safety protocols, and vendor management.
 - Analysis of energy consumption, sustainability practices, and cost-saving opportunities.
- Verification of compliance with regulatory requirements and industry certifications.
 - Development of tailored recommendations and action plans for process optimization.
 - Implementation of performance metrics and tracking systems to monitor progress.
 - Continuous support and guidance to enhance operational efficiency and achieve strategic goals.



SERVICE STRUCTURE

Facility Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / —

SERVICE 10 / FACILITY MANAGEMENT

Facility Management Monitoring

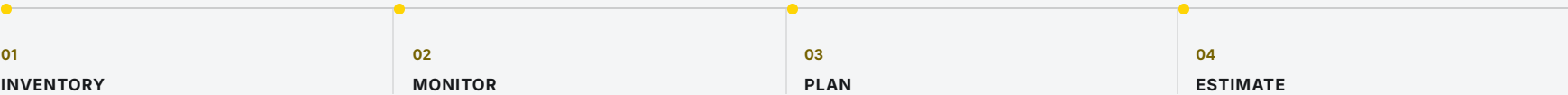
SERVICE FOCUS Smart Tools for Effective Asset Management

TECHNICAL DESCRIPTION

Our Facility Management Monitoring sub-service leverages cutting-edge digital tools to optimize asset management and streamline facility operations. With our advanced software solutions, you gain full visibility and control over your asset portfolio. From comprehensive compliance monitoring to scheduled maintenance activities, our smart modules provide real- time insights, efficient planning, and cost estimation capabilities. With our facility management monitoring expertise, you can ensure regulatory compliance, optimize OPEX activities, and maximize the performance of your assets.

DETAILED TECHNICAL SCOPE

- Real-time asset inventory and visibility, providing a comprehensive overview of your facility assets.
- Compliance monitoring per asset, ensuring adherence to regulatory standards and requirements.
- Scheduled maintenance activities and planning, optimizing maintenance efforts and minimizing downtime.
- Smart tools for maintenance cost estimation, enabling accurate budgeting and forecasting.
- Document management capabilities for efficient storage and retrieval of essential facility information.



SERVICE STRUCTURE
Facility Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / —

SERVICE 11 / FACILITY MANAGEMENT

Property Condition Assessment

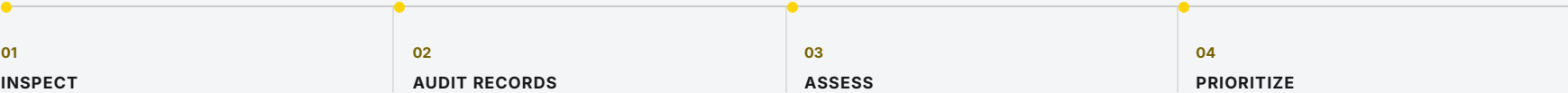
SERVICE FOCUS Comprehensive Evaluation for Optimal Asset Performance

TECHNICAL DESCRIPTION

Our Property Condition Assessment sub-service offers in-depth inspections and audits to provide clients with a thorough understanding of their facility's condition and compliance with codes and regulations. With a focus on architecture, structure, MEP installations, interior and exterior finishing works, and infrastructure, our assessments cover critical aspects such as structural soundness, fire and life safety, accessibility, insulation, and more. Through meticulous site inspections, comprehensive record audits, and thorough document reviews, we deliver actionable insights to enhance asset performance and mitigate risks.

DETAILED TECHNICAL SCOPE

- Holistic evaluation of the facility's condition, encompassing architectural integrity, structural stability, and MEP system functionality.
 - Assessment of interior and exterior finishing works, ensuring compliance with quality standards and aesthetic considerations.
 - Evaluation of roads and utilities infrastructure, addressing soundness and functionality for smooth operations.
- Specialized expertise in identifying and addressing key factors such as waterproofing, acoustics, seismic and wind forces, and accessibility.
 - Utilization of site inspections, record audits, and as-built document reviews to gather comprehensive information.



SERVICE STRUCTURE

Facility Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / Asset Integrity & Condition Assessment

SERVICE 12 / CONSTRUCTION

Construction Supervision

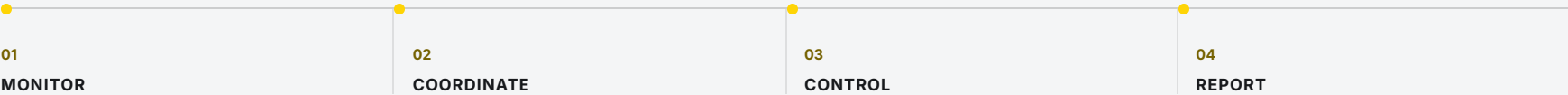
SERVICE FOCUS Ensuring Seamless Project Execution

TECHNICAL DESCRIPTION

Our Construction Supervision sub-service provides comprehensive project management assistance and construction monitoring services to ensure the successful implementation of designs and works. With a focus on seamless execution, our experienced team utilizes advanced web-based tools to deliver full project control, including scheduling, cost management, document management, and on-site progress tracking.

DETAILED TECHNICAL SCOPE

- Project management assistance to oversee and guide the construction process from start to finish.
- Continuous monitoring and control of project execution to ensure adherence to quality, budget, and schedule.
- Utilization of Web-based management tool, to provide real-time project visibility and effective communication.
- Streamlined scheduling and progress tracking for seamless coordination among project stakeholders.
- Efficient cost management to optimize resource allocation and mitigate financial risks.
- Robust document management, ensuring accurate documentation and easy access to project-related information.



SERVICE STRUCTURE

Construction

PRIMARY NEED / Manage & Deliver | COMMERCIAL PATHS / Project & Construction Management

SERVICE 13 / CONSTRUCTION

Project Management

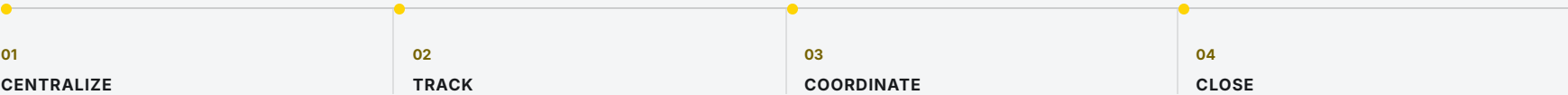
SERVICE FOCUS Streamlining Multi-Site Operations

TECHNICAL DESCRIPTION

Our Project Management sub-service offers comprehensive support for multi-site projects, providing start-to-finish assistance and centralized coordination. Leveraging our management tools, we ensure efficient project oversight, seamless communication, and real-time updates across all sites, enabling successful project delivery and exceeding stakeholder expectations.

DETAILED TECHNICAL SCOPE

- Centralized, dynamic database for tracking and monitoring progress at each site, facilitating coordination with other vendors.
- Real-time updates and comprehensive reporting to stakeholders, ensuring transparency and informed decision-making.
- Reviewing global and detailed designs against relevant regulations and standards, ensuring compliance in areas such as baggage handling, fire safety, accessibility, energy consumption, and more.
- Elaborating a construction quality plan, monitoring its implementation, and controlling material quantities against budget.
- Monitoring project health, safety, and environmental aspects, ensuring adherence to industry standards and regulations.
- Assisting with project variations, commissioning, and managing the correction of non-conformities.



SERVICE STRUCTURE

Construction

PRIMARY NEED / Manage & Deliver | COMMERCIAL PATHS / Project & Construction Management

SERVICE 14 / CONSTRUCTION

Quality Assurance & Quality Control (QA/QC)

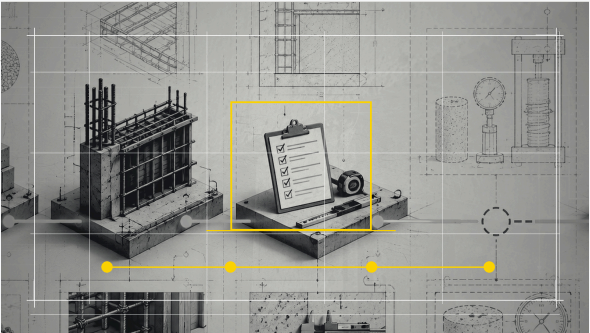
SERVICE FOCUS Ensuring Construction Excellence

TECHNICAL DESCRIPTION

Our Quality Assurance & Quality Control sub-service plays a crucial role in ensuring construction excellence by implementing a rigorous system of checks, tests, and inspections throughout the construction process. Through our comprehensive quality plan and diligent oversight, we guarantee that your project meets the specified quality requirements and adheres to the highest industry standards.

DETAILED TECHNICAL SCOPE

- Review and validation of quality plans to establish a robust framework for quality management.
- Thorough examination of submitted documents, identifying and recommending necessary amendments for quality compliance.
- Planned inspections to ensure on-site works align with execution drawings, project specifications, and approved materials.
- Verification of building materials, prefabricated components, and their origin through comprehensive testing and inspection reports.
- Identification of non-conformance or incomplete items, promptly notifying contractors and suppliers for corrective actions.
- Verification and monitoring of the effective implementation of corrective and preventive measures.
- Active participation in work acceptance during various construction phases and providing assistance in the final acceptance stage, including commissioning and snagging.



REPRESENTATIVE TECHNICAL VISUALIZATION / Quality-control evidence chain from materials and installation through inspection and documentation. NOT A PROJECT REFERENCE.



SERVICE STRUCTURE

Construction

PRIMARY NEED / Inspect & Assure | COMMERCIAL PATHS / Project & Construction Management · Inspection, QA/QC & Testing

SERVICE 15 / CONSTRUCTION

Material Testing & Consultancy

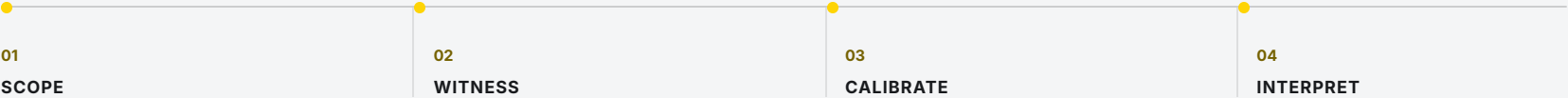
SERVICE FOCUS Ensuring Quality and Compliance

TECHNICAL DESCRIPTION

Our Material Testing and Consultancy sub-service is designed to ensure the quality and compliance of materials used in your construction projects. With a comprehensive range of tests and expert consultancy, we verify the qualification of materials and testing equipment, providing you with the assurance that your project adheres to specifications and standards.

DETAILED TECHNICAL SCOPE

- Comprehensive testing in critical areas including soil, structure, mechanical, electrical, plumbing installations, interior and exterior finishing works, and roads and utilities infrastructure.
- Performance of tests based on the availability of testing facilities in the country, ensuring accurate results.
- Expert witnessing of tests to assess the conformity of testing protocols and results, providing valuable insights to clients.
- Thorough review and calibration of testing equipment to maintain accuracy and reliability.
- Issuance of comprehensive test reports and interpretive reports, providing detailed analysis and recommendations.
- Integration of material testing and consultancy throughout project stages, including the design stage (e.g., soil tests) and execution stage (e.g., structural materials).



DELIVERY / QUALIFICATION NOTE

Testing requiring accredited laboratories or specialist equipment may be performed through qualified partners.

SERVICE STRUCTURE

Construction

PRIMARY NEED / Inspect & Assure | COMMERCIAL PATHS / Inspection, QA/QC & Testing

Site & Shop Inspection — 1st, 2nd & 3rd Party

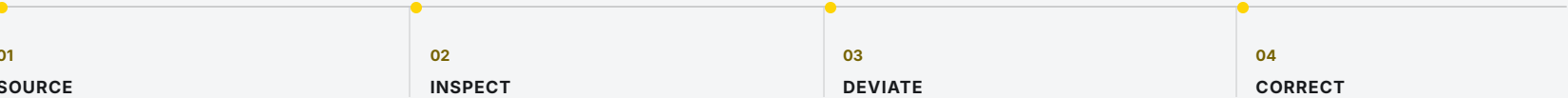
SERVICE FOCUS Ensuring Construction Excellence

TECHNICAL DESCRIPTION

Our Site and Shop Inspections sub-service plays a crucial role in ensuring the quality and compliance of construction projects. Through comprehensive on-site inspections and thorough examination of shop activities, we provide valuable insights and assurance that your project meets the highest standards.

DETAILED TECHNICAL SCOPE

- Rigorous on-site inspections to monitor construction activities and verify compliance with project specifications, codes, and regulations.
 - Thorough examination of shop activities, including manufacturing or prefabrication, to ensure adherence to approved design and quality standards.
 - Evaluation of work processes, materials, and installations to identify any deviations or non-compliance.
- Verification of the quality and suitability of materials used in construction.
 - Compliance checks for structural integrity, safety measures, and adherence to relevant building codes and regulations.
 - Collaboration with contractors, suppliers, and stakeholders to address non-conformities and implement corrective actions.
 - Documentation of findings and recommendations to support decision-making and ensure project quality.



DELIVERY / QUALIFICATION NOTE

The level of independence and any project-specific qualification requirements are defined by the appointment and applicable contract.

SERVICE STRUCTURE

Construction

PRIMARY NEED / Inspect & Assure | COMMERCIAL PATHS / Inspection, QA/QC & Testing

SERVICE 17 / CONSTRUCTION

Supply Chain Audit

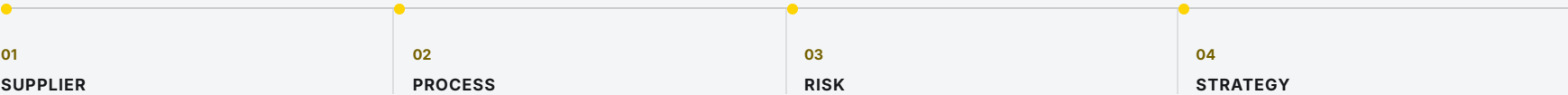
SERVICE FOCUS Ensuring Transparency and Efficiency

TECHNICAL DESCRIPTION

Our Supply Chain Audit sub-service focuses on ensuring transparency, efficiency, and compliance throughout the construction supply chain. By conducting thorough assessments and audits, we aim to enhance visibility, mitigate risks, and optimize the procurement process.

DETAILED TECHNICAL SCOPE

- Comprehensive evaluation of suppliers, contractors, and vendors to ensure adherence to quality standards, ethical practices, and contractual requirements.
- Verification of supply chain processes and procedures to identify potential bottlenecks, inefficiencies, or compliance gaps.
- Assessment of supplier performance, including delivery timelines, product quality, and responsiveness to mitigate disruptions and improve overall project efficiency.
- Identification and management of supply chain risks, such as counterfeiting, substandard materials, or regulatory non-compliance.
- Collaboration with stakeholders to establish robust supply chain strategies, fostering trust, and fostering long-term partnerships.



SERVICE STRUCTURE

Construction

PRIMARY NEED / Inspect & Assure | COMMERCIAL PATHS / Inspection, QA/QC & Testing

SERVICE 18 / CONSTRUCTION

As-Built Documentation & Verification

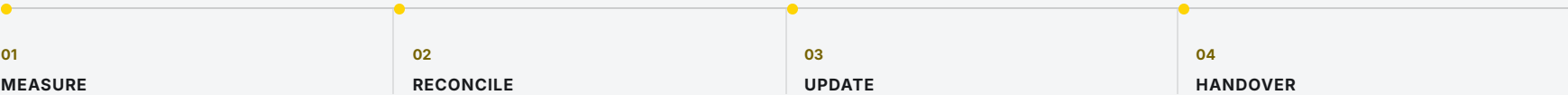
SERVICE FOCUS Accurate Documentation for Project Completion

TECHNICAL DESCRIPTION

Our As-Built Drawings sub-service focuses on providing accurate and comprehensive documentation of the project's final construction as it stands after completion. By creating detailed as-built drawings, we ensure precise representation of the actual built environment, facilitating future maintenance, renovations, or expansions.

DETAILED TECHNICAL SCOPE

- Thorough site inspections and measurements to capture precise dimensions, layouts, and configurations of the completed construction.
 - Incorporation of all modifications, deviations, and changes made during the construction process into the as-built drawings, enabling a clear understanding of the final project state.
 - Integration of accurate information on structural elements, utilities, systems, and finishes, empowering effective facility management and future planning.
- Collaboration with relevant stakeholders, including architects, engineers, contractors, and clients, to ensure the accuracy and completeness of the as-built drawings.
 - Delivery of comprehensive as-built documentation in digital and/or printed formats, tailored to meet the specific needs of clients and project stakeholders.



SERVICE STRUCTURE

Construction

PRIMARY NEED / Digitalize & Coordinate | COMMERCIAL PATHS / Project & Construction Management · BIM, Digital Engineering & Technical Data

SERVICE 19 / CONSTRUCTION

Commissioning Support

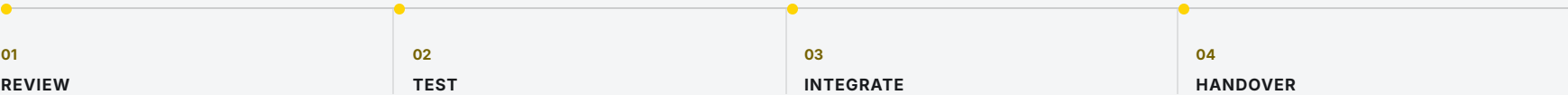
SERVICE FOCUS Ensuring Operational Excellence

TECHNICAL DESCRIPTION

Our Commissioning sub-service focuses on ensuring operational excellence by meticulously verifying and validating the performance, functionality, and safety of newly constructed or renovated facilities. Through a comprehensive process, we ensure that systems and equipment are properly installed, integrated, and optimized for optimal functionality and efficiency.

DETAILED TECHNICAL SCOPE

- Collaborative planning and coordination with project stakeholders to define commissioning objectives and performance expectations.
 - Thorough review and evaluation of design, specifications, and construction documents to identify potential issues and ensure compliance with standards and regulations.
 - Verification and testing of mechanical, electrical, and plumbing (MEP) systems, controls, and equipment to ensure proper installation, functionality, and performance.
 - Validation of building automation systems (BAS) and integration with various components to optimize energy efficiency, occupant comfort, and system reliability.
- Performance testing and fine-tuning of HVAC (heating, ventilation, and air conditioning), lighting, and other systems for optimal functionality and energy performance.
 - Validation of safety systems, emergency response protocols, and compliance with regulatory requirements to ensure occupant safety and regulatory compliance.
 - Documentation and reporting of commissioning activities, findings, and recommendations to facilitate seamless handover and ongoing facility operations.



SERVICE STRUCTURE

Construction

PRIMARY NEED / Manage & Deliver | COMMERCIAL PATHS / Project & Construction Management

Asset Performance Assessment

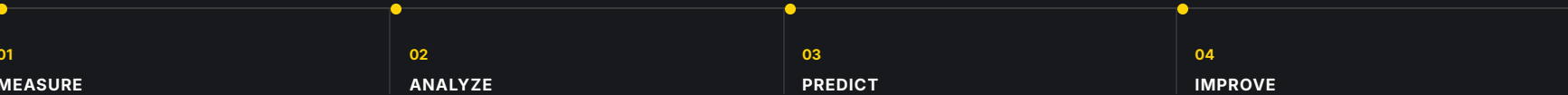
SERVICE FOCUS **Optimizing Operational Efficiency**

TECHNICAL DESCRIPTION

Our Asset Performance Assessment sub-service is designed to optimize operational efficiency by evaluating the performance, reliability, and overall health of your assets. Through comprehensive assessments, we provide valuable insights and actionable recommendations to enhance asset performance, minimize downtime, and maximize return on investment.

DETAILED TECHNICAL SCOPE

- Comprehensive evaluation of asset performance, including equipment, systems, and infrastructure, to identify areas of improvement and optimize operational efficiency.
 - Analysis of asset reliability, availability, and maintainability to minimize downtime, improve productivity, and extend asset lifespan.
 - Identification and assessment of key performance indicators (KPIs) to measure asset performance against industry benchmarks and best practices.
- Utilization of advanced data analytics and predictive modelling techniques to identify potential risks, predict failures, and implement proactive maintenance strategies.
 - Review of asset management strategies and practices to ensure alignment with business goals and optimize asset utilization.
 - Development of customized asset performance improvement plans, integrating technology, maintenance strategies, and operational processes.
 - Collaboration with clients to implement recommended actions, monitor progress, and continuously optimize asset performance over time.



SERVICE STRUCTURE

Asset Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / Asset Integrity & Condition Assessment

Lifecycle Asset Analysis

SERVICE FOCUS Maximizing Value Throughout the Asset Lifecycle

TECHNICAL DESCRIPTION

Our Lifecycle Asset Analysis sub-service empowers organizations to maximize the value of their assets throughout their entire lifecycle. By conducting comprehensive analysis and strategic planning, we help clients optimize asset performance, minimize costs, and make informed decisions at every stage.

DETAILED TECHNICAL SCOPE

- Holistic assessment of asset lifecycles, encompassing planning, acquisition, operation, maintenance, and disposal stages.
- Evaluation of asset condition, performance, and utilization to identify opportunities for optimization and cost reduction.
- Financial analysis to determine the optimal time for asset replacement, renewal, or refurbishment to align with organizational goals and budgets.
- Risk assessment and mitigation strategies to ensure asset reliability, resilience, and compliance throughout its lifecycle.
- Integration of asset management best practices, industry standards, and regulatory requirements to enhance asset performance and ensure regulatory compliance.
- Development of customized asset management plans, including maintenance strategies, asset renewal schedules, and long-term investment forecasts.
- Utilization of advanced data analytics, predictive modelling, and decision support tools to drive data- driven asset management decisions.
- Continuous monitoring and evaluation of asset performance, with regular reporting and performance metrics to track progress and drive continuous improvement.



SERVICE STRUCTURE

Asset Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / Asset Integrity & Condition Assessment

Compliance Audit

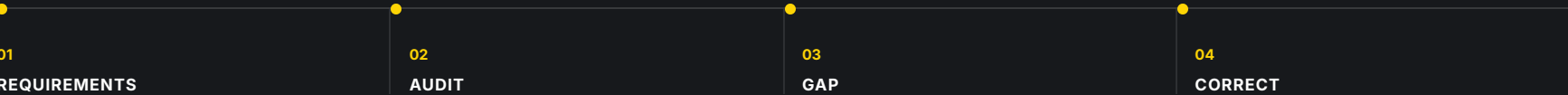
SERVICE FOCUS Ensuring Regulatory Compliance and Risk Mitigation

TECHNICAL DESCRIPTION

Our Compliance Audit sub-service provides organizations with a comprehensive assessment of their compliance with relevant regulations, standards, and industry best practices. By conducting thorough audits and risk evaluations, we help clients identify and mitigate compliance gaps, ensuring adherence to legal requirements and minimizing potential risks.

DETAILED TECHNICAL SCOPE

- Comprehensive evaluation of organizational processes, procedures, and activities to assess compliance with applicable laws, regulations, and industry standards.
 - Identification of potential compliance risks and vulnerabilities, helping clients proactively mitigate risks and ensure a culture of compliance.
 - Examination of internal controls, policies, and documentation to verify adherence to regulatory requirements and industry best practices.
 - Review of data protection and privacy practices to ensure compliance with relevant data protection laws and safeguarding of sensitive information.
- Assessment of contractual obligations, licensing requirements, and legal frameworks to ensure clients operate within legal boundaries.
 - Development of tailored compliance programs, including policies, training, and monitoring mechanisms to maintain ongoing compliance.
 - Collaboration with stakeholders and regulatory bodies to address compliance issues, implement corrective actions, and demonstrate commitment to compliance excellence.
 - Continuous monitoring and periodic re-audits to ensure sustained compliance and adaptability to evolving regulatory landscapes.



SERVICE STRUCTURE

Asset Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / Inspection, QA/QC & Testing

Seismic Technical Assistance & Audit

SERVICE FOCUS Ensuring Structural Resilience and Safety

TECHNICAL DESCRIPTION

Our Seismic Technical Assistance and Audit sub-service provides clients with expert guidance and comprehensive assessments to ensure their structures are resilient and meet seismic safety standards. Through thorough evaluations and technical assistance, we help clients assess and enhance the seismic performance of their assets, minimizing the risks associated with seismic events.

DETAILED TECHNICAL SCOPE

- Seismic vulnerability assessments of new and existing structures, evaluating their ability to withstand seismic events and identifying potential weaknesses.
- Technical assistance in seismic design, including the application of seismic codes, regulations, and best practices to optimize structural integrity.
- Verification and audit of seismic analysis and design documentation to ensure compliance with local, national, and international seismic standards.
- Collaboration with project teams and stakeholders to develop customized seismic mitigation strategies and recommendations.
- Assistance in the selection and implementation of seismic retrofitting measures for existing structures to enhance their resilience.
- Performance-based evaluations and dynamic analyses to assess structural response and ensure effective seismic performance.
- Utilization of advanced seismic monitoring and assessment tools to continuously monitor structural health and identify potential risks.
- Expert guidance and consulting services to support clients in making informed decisions regarding seismic risk management and mitigation.



SERVICE STRUCTURE

Asset Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / Engineering & Design Assurance · Asset Integrity & Condition Assessment

SERVICE 24 / ASSET MANAGEMENT

Structural Health Monitoring

SERVICE FOCUS Ensuring Safety and Performance

TECHNICAL DESCRIPTION

Our Structural Health Monitoring sub-service combines cutting-edge technology and advanced monitoring techniques to ensure the safety, integrity, and optimal performance of structures. By employing state-of-the-art sensors, data acquisition systems, and advanced analytics, we provide real-time insights into the structural behaviour, enabling proactive maintenance, cost optimization, and enhanced decision-making.

DETAILED TECHNICAL SCOPE

- Continuous and real-time monitoring of structures using advanced optical strand technology, ensuring precise and accurate measurement of deformations and structural response.
- Deployment of various types of sensors, including proprietary Optical Strands, that convert strain-induced micro-curvatures into deformation data, enabling the detection of structural changes.
- Data acquisition through wired and wireless systems, facilitating the collection of numerical signals for comprehensive analysis and interpretation.
- Cloud-based storage and advanced data processing techniques to handle large volumes of monitoring data, ensuring efficient management and access to critical information.
- Innovative mathematical and statistical algorithms applied to the collected data, enabling the extraction of meaningful insights and identification of potential risks.
- Interactive reporting tools and customized dashboards, providing stakeholders with clear visualizations and actionable information for informed decision-making.



REPRESENTATIVE TECHNICAL VISUALIZATION / Structural monitoring visual showing sensing, signal acquisition and threshold interpretation. NOT A PROJECT REFERENCE.

01
SENSOR

02
SIGNAL

03
TREND

04
DECISION

DELIVERY / QUALIFICATION NOTE

Sensors, specialist platforms and monitoring hardware may be integrated with qualified technology partners as appropriate.

SERVICE STRUCTURE

Asset Management

PRIMARY NEED / Assess & Protect Assets | COMMERCIAL PATHS / Asset Integrity & Condition Assessment

Condition and capacity require a defensible engineering basis.

Structural and asset-condition capabilities supporting evidence-led decisions on continued use, monitoring, repair and further investigation.

25 / 39

Asset Management

Structural Integrity Assessment

Engineering assessment of structural condition and capacity using available records, field evidence, testing and analysis appropriate to the question being answered.

SERVICE STRUCTURE

Assess & Protect Assets · Asset Integrity & Condition Assessment

TECHNICAL PURPOSE

Relevant after deterioration, damage, change of loading, observed distress, aging or where continued safe use needs a defensible technical basis.

TYPICAL TECHNICAL OUTPUTS

- Integrity assessment report
- Capacity / condition findings
- Repair, monitoring or further-investigation recommendations

26 / 39

Asset Management

Asset Condition Assessment

Multidisciplinary condition review that converts observed defects and available records into a structured picture of asset condition and intervention priority.

SERVICE STRUCTURE

Assess & Protect Assets · Asset Integrity & Condition Assessment

TECHNICAL PURPOSE

Used for maintenance planning, due diligence, rehabilitation programmes and portfolios that need consistent condition intelligence.

TYPICAL TECHNICAL OUTPUTS

- Condition ratings / findings
- Defect and evidence register
- Prioritized technical actions

ASSET MANAGEMENT

Diagnose the cause before selecting the intervention.

27 / 39

Asset Management

Failure, Distress & Root-Cause Investigation

Forensic engineering investigation of cracking, deformation, deterioration, malfunction or failure to distinguish symptoms from the underlying cause.

SERVICE STRUCTURE

Assess & Protect Assets · Asset Integrity & Condition Assessment

TECHNICAL PURPOSE

Relevant when repair decisions would otherwise be based on visible damage alone or when recurring defects indicate a deeper mechanism.

TYPICAL TECHNICAL OUTPUTS

- Root-cause assessment
- Evidence / hypothesis evaluation
- Corrective and follow-up recommendations

28 / 39

Asset Management

Repair, Rehabilitation & Strengthening Recommendations

Development and comparison of technically appropriate intervention options based on the diagnosed condition, cause, required performance and implementation constraints.

SERVICE STRUCTURE

Assess & Protect Assets · Asset Integrity & Condition Assessment

TECHNICAL PURPOSE

Used after assessment or investigation when the project needs a defensible repair, rehabilitation or strengthening strategy before detailed implementation.

TYPICAL TECHNICAL OUTPUTS

- Repair / strengthening strategy
- Option assessment and priorities
- Implementation recommendations



REPRESENTATIVE TECHNICAL VISUALIZATION / DISTRESS → INVESTIGATION → INTERVENTION. NOT A PROJECT REFERENCE.

PROJECT QUALITY INSPECTION & DIGITALIZATION

Digital inspection technologies.

Formes pioneers the use of revolutionary smart technologies, including drones, unmanned robots, and mixed reality, etc., to transform inspections. Our state-of-the-art tools provide real-time, high-definition visual data, empowering rapid decision-making and comprehensive evaluations. By harnessing these advanced solutions, we enhance safety, streamline documentation, and elevate accountability. Seamlessly integrating cloud, wireless, and virtual reality technologies, we facilitate instant data transmission and collaboration, revolutionizing the way construction projects are managed. We urge our clients to Step into the forefront of innovation with Formes and to unlock a new era of digitalizing inspections.

DETAILED TECHNICAL SCOPE / PART 1

- **Aerial Drone Technology:** Take to the skies with our aerial drones, revolutionizing inspections from a new perspective.
- These cutting-edge devices capture high-resolution aerial imagery, enabling comprehensive site surveys, progress monitoring, and precise data collection, benefiting from increased efficiency, accuracy, and safety.
- **Unmanned Robot Technology:** Introducing our innovative unmanned robots equipped with cameras, taking on-site surveillance and data collection to the next level. These agile and versatile robots navigate challenging terrains, capturing real-time footage and providing valuable insights for enhanced project monitoring and security.

CURRENT SERVICE MAPPING

29 / Aerial Drone Inspection

30 / Unmanned Robot Inspection

31 / Mixed Reality, AI & VR-Enabled Workflows

32 / Infrared Imaging

33 / Rugged Field Tablets & Data Synchronization

DELIVERY GOVERNANCE

Current FORMÉS delivery notes govern permissions.

PROJECT QUALITY INSPECTION & DIGITALIZATION

Capture, visualize, detect and synchronize.

Mixed reality, infrared imaging and synchronized field data extend inspection evidence into controlled digital workflows.

DETAILED TECHNICAL SCOPE / PART 2

- Mixed Reality Solutions (AI & MR):** Step into a world where virtual and physical realities converge. Our mixed reality solutions combine the power of augmented reality and virtual reality, allowing you to visualize and interact with your construction project like never before. Experience immersive walkthroughs, design simulations, and collaborative decision-making with cutting-edge technology
- Infrared Imaging Technology:** Leveraging advanced infrared imaging technology, we provide unparalleled insights into the structural integrity of buildings. Our experts utilize this non-intrusive method to detect hidden issues, identify energy inefficiencies, and ensure the utmost safety and performance of your infrastructure.
- Rugged Cased Tablets:** Our tablets are cutting-edge devices that enable instant data synchronization from the construction site to offices. With robust features and seamless connectivity, these tablets empower real-time collaboration and efficient information sharing, revolutionizing project management.

SERVICE 34 / CURRENT CAPABILITY

Digital Inspection Workflows

SERVICE STRUCTURE

Project Quality Inspection & Digitalization · Digitalize & Coordinate · Inspection, QA/QC & Testing · BIM, Digital Engineering & Technical Data

Digitization of inspection planning, checklists, evidence, observations, nonconformities, approvals and closure into a controlled traceable workflow.

Used where paper, spreadsheets or disconnected records make it difficult to understand inspection status and evidence quality in real time.

- Digital inspection workflow
- Traceable inspection / NCR records
- Status and closeout reporting

01

CAPTURE

02

ACCESS

03

VISUALIZE

04

DETECT

05

SYNCHRONIZE

06

TRACE

Capacity is useful only when role, competency and accountability are clear.

Technical resources mobilized under defined roles, competencies, responsibilities and reporting interfaces.

35 / 39

Engineering & Technical Manpower Support

Engineering Secondment

Placement of qualified engineering personnel within a client or project organization under defined roles, responsibilities and reporting interfaces.

SERVICE STRUCTURE

Augment the Team · Engineering & Technical Manpower

TECHNICAL PURPOSE

Relevant for temporary capacity gaps, specialist needs, peak workload or projects that require embedded engineering support for a defined period.

TYPICAL TECHNICAL OUTPUTS

- Role-specific engineering support
- Assigned technical deliverables
- Progress / interface reporting

Mobilization is subject to personnel availability, competency requirements and project-specific qualification criteria.

36 / 39

Engineering & Technical Manpower Support

Field Engineering Support

Site-based engineering support that resolves technical queries, design interfaces, constructability issues, field changes and coordination between engineering and execution.

SERVICE STRUCTURE

Augment the Team · Project & Construction Management · Engineering & Technical Manpower

TECHNICAL PURPOSE

Relevant during construction, brownfield work, shutdowns or fast-moving site activities where technical decisions cannot wait for disconnected office workflows.

TYPICAL TECHNICAL OUTPUTS

- Field engineering responses
- RFI / technical action support
- Interface and constructability coordination

ENGINEERING & TECHNICAL MANPOWER SUPPORT

Qualified technical resources integrated around defined project responsibilities.

37 / 39

Engineering & Technical Manpower Support

QA/QC & Inspection Personnel

Deployment of qualified quality and inspection personnel to perform defined project QA/QC, surveillance, inspection and documentation responsibilities.

SERVICE STRUCTURE

Augment the Team · Engineering & Technical Manpower

TECHNICAL PURPOSE

Relevant for project mobilization, peak inspection demand, shutdowns, supplier surveillance or temporary quality-resource gaps.

TYPICAL TECHNICAL OUTPUTS

- Assigned QA/QC / inspection activities
- Inspection and quality records
- Progress / issue reporting

Personnel are nominated subject to role-specific competency, project approval, certification and mobilization requirements where applicable.

38 / 39

Engineering & Technical Manpower Support

Discipline Engineering Support

Targeted engineering capacity in the required technical discipline to support design, review, calculations, coordination, field issues or project decisions.

SERVICE STRUCTURE

Augment the Team · Engineering & Technical Manpower

TECHNICAL PURPOSE

Used when a project has a defined discipline gap or needs additional engineering capacity without expanding the permanent team.

TYPICAL TECHNICAL OUTPUTS

- Discipline-specific technical deliverables
- Design / review support
- Technical coordination and responses

39 / 39

Engineering & Technical Manpower Support

Project Technical Personnel

Project-specific technical resources assigned to defined engineering, coordination, documentation, supervision or support roles within the delivery

SERVICE STRUCTURE

Augment the Team · Project & Construction Management · Engineering & Technical Manpower

TECHNICAL PURPOSE

Relevant for mobilization, workload peaks, project recovery or temporary roles that require clear technical accountability and reporting lines.

TYPICAL TECHNICAL OUTPUTS

- Role-specific project support
- Assigned technical records / deliverables
- Progress and interface reporting

Availability, competency and project acceptance requirements are confirmed before mobilization.

MULTIDISCIPLINARY ASSEMBLY

The client problem rarely fits one service.

FORMĚS capabilities combine around the evidence needed for the decision. These are representative scope patterns, not project claims.

01 / DISTRESS

A crack has appeared.

Records review → condition assessment → testing → structural integrity → root-cause investigation → repair / monitoring decision.

Relevant services: 15 · 24 · 25 · 26 · 27 · 28

02 / ACQUISITION

The records say one thing. The asset says another.

Technical due diligence → property condition → as-built verification → compliance audit → prioritized technical actions.

Relevant services: 02 · 11 · 18 · 22 · 26

03 / HANDOVER

Construction is complete. Is the asset ready?

QA/QC closure → site inspection → commissioning support → as-built verification → digital closeout information.

Relevant services: 14 · 16 · 18 · 19 · 34

Define the scope around the decision you need to make.

Engineering certainty. Across the asset lifecycle.

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