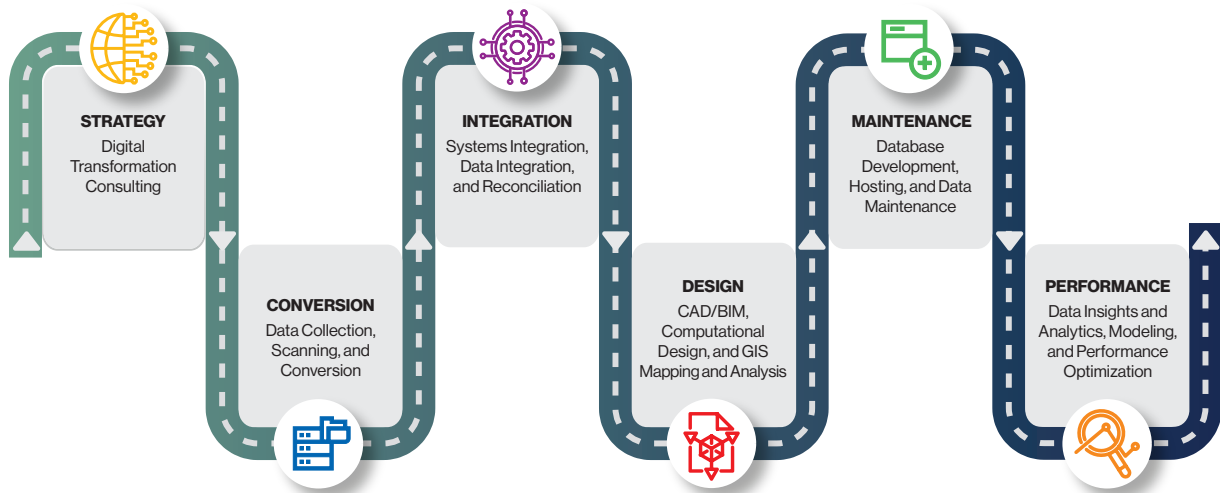# ALTAMIRA

Digital Solutions

Altamira uses Digital Solutions to connect people with innovative outcomes. Our team of discipline and digital experts understands your wide range of challenges tied to legacy enterprise systems, inconsistent data and records, and application of advanced technologies. To your competitive advantage, our methodology is applied to every digital deliverable, with emphasis placed on your business objectives in safety, regulatory compliance, operations efficiency, and commercial growth.

OUR DIGITAL SOLUTIONS INCLUDE:

- STRATEGY
- CONVERSION
- INTEGRATION
- DESIGN
- MAINTENANCE
- PERFORMANCE

ALTAMIRA'S DIGITAL ROAD MAP

STRATEGY
Digital Transformation Consulting

CONVERSION
Data Collection, Scanning, and Conversion

INTEGRATION
Systems Integration, Data Integration, and Reconciliation

DESIGN
CAD/BIM, Computational Design, and GIS Mapping and Analysis

MAINTENANCE
Database Development, Hosting, and Data Maintenance

PERFORMANCE
Data Insights and Analytics, Modeling, and Performance Optimization

STRATEGY – Digital Transformation Consulting
Has your company evaluated its digital maturity?

- What are your strategic and commercial benefits, efficiencies, O&M cost reductions, and applications of future technologies for performance optimization and digital advancement?
- What are your and your industry peer companies doing to stay digitally competitive with safety, regulatory, and commercial exposure risks?
- Are you fully leveraging digital solutions to achieve your ESG and sustainability goals?

Altamira Solutions:
We work with you to develop sensible digital advancement planning based on your company's specific business needs, budget, ESG, and risk tolerances in the areas of:

- Digital maturity evaluation and benchmarking
- Strategy and digital advancement planning
- Program management and implementation

CONVERSION – Data Collection, Scanning, and Conversion
Does your company have issues when updating new project data and records into business center databases?

- Have you identified and digitized critical historical records within your legacy enterprise systems?
- Are your data collection tools properly collecting information without rework on the back end?
- Are you fully leveraging new project information as a mechanism to reconcile legacy information?

Altamira Solutions:
We're experts in addressing your digitization needs through Altamira's full suite of records scanning solutions and configurable data collection tools for both new projects and legacy information conversion efforts.
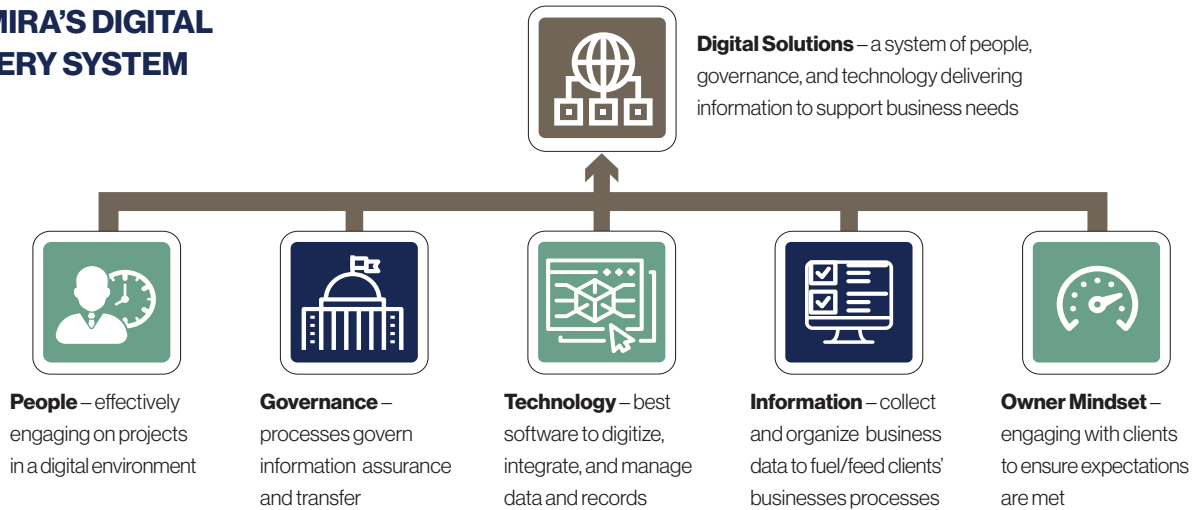
- Records scanning/digitization projects delivered to your specifications
- Field data collection tools for most industry standard platform configurable eForms
- Data mapping and migration of client data/ applications, including operations maintenance, regulatory compliance, asset integrity, environmental, and engineering

INTEGRATION – Systems Integration, Data Integration, and Reconciliation
Accurate and complete data and records are foundational for digital advancement. Is your company set up to share data and records across all business centers? Are there information gaps, overlaps, and inconsistencies?

- Have you gone through the process of determining the most accurate data and records source of truth?
- What are the risks of using inaccurate information for your business decision-making and reporting?
- Are you using the appropriate software platforms, databases, and governance structure to update information?

ALTAMIRA'S DIGITAL DELIVERY SYSTEM

Digital Solutions – a system of people, governance, and technology delivering information to support business needs

People – effectively engaging on projects in a digital environment

Governance – processes govern information assurance and transfer

Technology – best software to digitize, integrate, and manage data and records

Information – collect and organize business data to fuel/feed clients' businesses processes

Owner Mindset – engaging with clients to ensure expectations are met

Altamira Solutions:

Altamira's experience and processes meticulously define and deliver the most current, accurate, and complete data and records, and we ensure they are integrated into the correct software platforms/enterprise systems.

- Critical digital records determination and reconciliation
- Software platforms integrated and synched to proper information sources with a governance program delivered for future maintenance
- Data integrated to determine completeness and most accurate information source

DESIGN – CAD/BIM, Computational Design and GIS Mapping, and Analysis
Could your company benefit from applying the latest project design technology advantages?

- What is your cost-benefit of advanced digital design technology?
- Can the results from a digital twin model be transitioned over for your long-term operational use yielding predictable and repeatable results?
- How difficult is it to use business intelligence models (BIM) for your new projects?

Altamira Solutions:

We offer more than just traditional design tools. Our advanced solutions empower your company through 3D models, algorithms, and GIS analysis tools to improve design capabilities.

- CAD/BIM modeling
- Computational design modeling/simulation
- Advanced ESRI GIS mapping and analysis

MAINTENANCE – Database Development, Hosting, and Data Maintenance
Does your company need help to stay current with data and records maintenance? Do you need a secure, hosted solution?

- What is the risk of not updating project or operational data in a timely manner?
- Do you have the best-fit software tools for updating data and records content?
- For smaller companies, have you considered a hosted solution to forego expensive infrastructure costs?

Altamira Solutions:

We offer a full range of options for your digital information needs. Altamira can provide information maintenance updates as a one-time project deliverable and can design and host your databases and programs.

- On-site program management and database hosting in a secure cloud environment
- Database design and architecting to improve performance with skilled data maintenance resources to upkeep database edits
- Digital compliance software programs to manage PSM, CCP, PSMS, and GSCP

ALTAMIRA'S CLIENT ORGANIZATION

ASSET OPERATIONS
- Inspection
- Maintenance
- Network Controls/SCADA

COMMERCIAL
- Strategy
- Marketing
- Business Development

ASSET INTEGRITY
- MAOP/TVC
- Risk/ILI
- HCA/Class

CLIENT BUSINESS CENTERS

LEGAL & RESPONSIBILITY
- Compliance
- Corporate Risk
- ESG

ASSET DEVELOPMENT
- Engineering
- Design
- Procurement/Construction

EH&S
- Environmental
- Health
- Safety

PERFORMANCE – Data Insights and Analytics, Modeling, and Performance Optimization

How does your company measure digital success/performance?

- Is your company fully leveraging best-fit technology and digital information for critical decision-making?
- Has your company defined key metrics to measure performance?
- Do you have tools to track results against goals for regulatory compliance and operational efficiency?

Altamira Solutions:

We offer advanced solutions that give you access to meaningful information to measure and drive improvement. Altamira's customized software applications and programs are composed of KPIs, processes, and dashboards that clearly define performance against desired outcomes.

- Digital compliance software programs to manage PSM, CCP, PSMS, and GSCP
- Asset performance monitoring
- Customized operations management programs

Altamira solves our clients' most complex regulatory, operational, and business challenges by being the first choice and trusted partner for strategy, consulting, technical expertise, and digital technology solutions.

ALTAMIRA