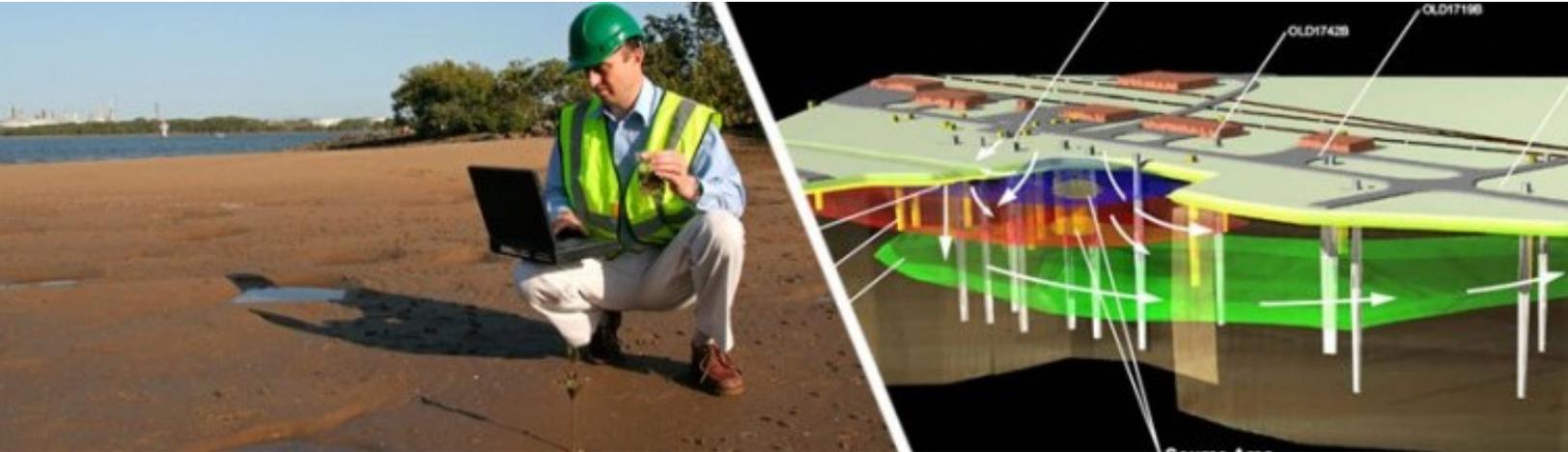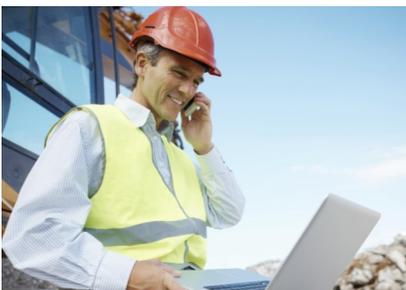# CRITIGEN

CLOUD AVAILABILITY
Critigen Cloud Infrastructure provides data availability to desktop users, mobile users, third-party applications, and to analytical and visualization packages. Data is stored securely and with redundancy in a Tier III data center.

REAL-TIME COLLABORATIOIN
With automated Electronic deliverable importing and anywhere access, field teams, laboratories and contractors can view and act on data in real time.

Environmental **Data Management**

Solidify your project or organization's data management with Critigen's exclusive Cloud-based platform and multi-disciplinary consulting services. Critigen solutions allow AEC firms, government agencies, and commercial firms to source data management in a one-stop contract with no capital expenditure and fast setup.

HASSLE-FREE, ROBUST DATA MANAGEMENT

Selecting Critigen to manage your environmental, right-to-know, compliance or chemical inventory data brings peace of mind. Established management processes encoded in world-class data management software and a multi-disciplinary team of environmental, chemical and IT experts, ensure data are managed in a professional, auditable manner.

- **Processes aligned to industry standards** always used to manage data
- **Redundancy, backup and availability** of our world-class hosting facility
- **Automated regulatory deliverables** to Army, Navy & Air Force and numerous others (e.g. ERPIMS 4.0, ERPIMS/X GeoTracker, ERIS, NIRIS)
- **Configurable email alerts** notify you when data move out of tolerances, when data are updated or on a regular schedule

SUPERIOR DATA ACCESS

With Cloud-availability and exclusive reporting and data connectors, Critigen improves data access for project stakeholders.

- **Robust Web-based tools** for anywhere-access and analysis including online GIS capability, advanced reporting, and crosstab generation
- **Live data connections** support ArcGIS, RockWorks, LogPlot, EVS and other analytical and visualization software
- **Import/upload electronic data deliverables (EDD)** including analytical data, field data, spatial data and other data types
- **Legacy data** can be imported, verified and used with alongside new data

SCIENCE DATA MANAGEMENT
Critigen's multi-disciplinary team knows chemistry, biology, engineering risk management and IT. You know your data are being handled by knowledgeable staff.

Environmental Data Management Work Process

1.0 Project Planning & Setup	2.0 Sample Collection & Management	3.0 Lab Analysis	4.0 Data Validation	5.0 Data Management	6.0 Data Evaluation & Reporting
1.1 Project Setup	2.1 Sample Management	3.1 Sample Analysis	4.1 Internal Chemical Data Validation	5.1 Client Data	6.1 Data Prep & Processing for Reporting
1.2 Planning Documentation	2.2 Sample Collection	3.2 EDD Management	4.2 External Chemical Data Validation	5.2 Other Contractor & Legacy Data	6.2 Tabular Data Queries & Reports
1.3 Laboratory Setup	2.3 Sample Data Management	3.3 Hard Copy Management	4.3 Senior Review of Validated Data	5.3 Database Maintenance & Administration	6.3 Field Logs and Graphs
1.4 Database Setup					6.4 GIS Interface and Maps

PROVEN DATA FRAMEWORK
Critigen is the only firm focused on the entire lifecycle of environmental data. Critigen's standard data framework ensures clear and comprehensive responsibilities for all aspects of data management.

DATA MANAGEMENT SERVICES

- Needs Assessment
- Legacy Data Services
- Laboratory Oversight & Data Validation
- Data Management & Visualization
- Custom Data Access
- Cloud-based Data Management

esri Partner Network Platinum

CRITIGEN

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ENVIRONMENTAL DATA MANAGEMENT **FOR PROJECTS**
Critigen brings the people, process, tools and infrastructure to your project that ensure successful and hassle-free data management. Using Critigen for project data management makes verifiable data handling and IT infrastructure a simple, one-stop contract with no capital investment.

Critigen guides a project team through a standard process for developing and communicating a data management plan based on our comprehensive *Standards and Best Practices Compendium*. Data systems are configured on the best-in-class EarthSoft EQuIS platform. Critigen's exclusive connectors, web-based analytics and collaboration tools ensure members of the project team can efficiently access, analyze and report project data.

Critigen's flexible multi-disciplinary team can take on all data management tasks, or share roles with other prime or subcontractors, or clients.

ENVIRONMENTAL DATA MANAGEMENT **FOR ORGANIZATIONS**
For organizations with ongoing environmental, right-to-know, compliance or chemical inventory data responsibilities, Critigen can provide continuity confidence and auditability of data and systems over long periods and across multiple projects.

We begin with a consulting engagement to review the strategic objectives of data management and a gap analysis on current systems and workflows. Critigen then customizes workflows, software and reporting to support multiple projects, long-term reporting and analysis.

Built on the same world-class platform as our project-based solutions, Critigen is flexible with respect to its project role. Critigen can provide private-Cloud software systems while a client team manages the data, act as a fully-outsourced environmental data management group, or divide workflow responsibilities between stakeholders.

EXPERIENCE ON THE LARGEST PROJECTS
With over 40 staff and experience managing data for major projects with the Fortune 100 all branches of the U.S. Military and other AEC, utility and commercial firms, you'll rest easy knowing that your project's data are well managed. Critigen's team and scale allows us to offer the same platforms to smaller projects and provide credible data management and reporting capabilities to small businesses competing for complex projects.

ABOUT CRITIGEN
Critigen is a full-lifecycle spatial systems integrator driving government and private-sector performance through spatial IT solutions and managed IT services. With global reach and top-tier partnerships Critigen delivers all components of a geospatial program: data collection, spatial processing, analytics and intelligence, application development, mobile solution development, hosting and Cloud services.