

Environmental Management Information System Services

Applications designed to meet your needs

Today's successful environmental, health and safety (EHS) manager relies on computer-based systems to compile and analyze information. These systems are used to track and document important business information such as:

- EHS Performance Metrics
- Environmental Monitoring Data
- Health & Safety Injury/illness Data
- Regulatory Agency Reporting and Filings
- Audit Findings and Corrective Actions
- EHS Program Costs

Choosing the right system to manage your EHS information requires balancing system versatility and costs as well as integrating new technology, existing workplace platforms, and enterprise-wide information flow. This is where AMEC can help.



AMEC Provides

- Business Requirement Analysis and Enterprise-wide Strategies
- Feasibility Studies and User Needs Definition
- Database Design for Tabular and Spatial Data
- Application Design and Development
- Technical Analysis



AMEC Creates Business Solutions

AMEC EHS professionals understand today's data requirements and our information management technologists know how to develop new applications designed to meet your needs. As a partner with Microsoft, Oracle, ESRI, and other prominent firms, AMEC maintains the expertise in operating systems, database, and geographic information systems (GIS) development technologies to ensure we deliver effective solutions to our clients.

AMEC has integrated relational database management systems (RDBMS), GIS, document management applications, and multimedia technologies into business applications that are served over the Internet. We take an open systems approach to technology. This ensures the flexibility that our clients need to meet short-term data tracking and reporting requirements and long-term EHS program management goals.

Information Management Consulting

EHS management programs today require collecting, processing, and analyzing large volume of diverse information. AMEC data management and information technology experts can assess your data management requirements and help you determine the most effective means to manage your information. Our experts stay abreast of new software, middleware and hardware advances as well as keep track of the record keeping and reporting requirements of new regulations. We can help you put your EHS information management data needs and potential choices into perspective.



Database Development

AMEC provides data management solutions through RDBMS development services that provide enhanced access and flexibility. Our database professionals understand that the value of the information being compiled resides in interpreting the data, not simply housing it. We work with you to determine the best structure for your database (considering project goals, daily maintenance, hardware and software availability), adding the value you expect from an experienced consultant.

Geographic Information Systems (GIS)

AMEC's experienced GIS specialists can develop customized applications that allow you to integrate and work with spatial data. GIS is a powerful tool, linking data management and automated mapping capabilities. GIS applications offer enhanced data analysis including 3-D views and geo-statistical analysis, modeling, and graphic display. AMEC regularly uses GIS to display data in a meaningful form by linking analytical data and geographic features.



Information Transfer and Communications Capabilities

AMEC professionals develop internet, intranet and extranet web-based solutions to support data transfer and sharing. These solutions include developing enterprise-wide EHS information management systems, creating applications to allow project team members to communicate and share information from locations around the world, and establishing websites to promote a client's environmental message to the public.



For a list of office locations, company contacts and other services refer to:
www.amec.com