



Residential Sound Insulation Management and Geographic Information System

Columbus Regional Airport Authority

profile

2002 - Present

Summary Scope of Work:

Our Columbus RSIP program is supported by a solid web-based database system created to manage both the design and construction elements of the project.

This database serves as an “integrated paperwork” management system. All data pertaining to the project, from the initial assessment visits, to surveys, homeowner comments and product selection can be entered directly into the database using portable devices (Palm Pilots, laptops) while in the field. The system saves considerable time and avoids “double entry”.

Another relevant component to the system is its “integrated push-technology”. Designed with workflow embedded into the system’s architecture, the database generates tasks and distributes them via email to the various staff members involved in the project. The Project Manager and the Airport Sponsor are able to verify the project completion progress by reviewing the database.

Services Include:

- Implementing a web-based project center
- Coordinating with CRAA to defining the system’s functional requirements
- Integrating data with GIS for map-based reporting
- Creating a web-based survey and reporting system
- Performing ongoing system maintenance

Special Features:

- Schedule management
- Communication tracking and reporting
- Design management
- Construction management
- Active project status reporting
- Complete project data storage
- Off-line/Portable data collection systems

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