

Abstract

This project involved two databases, one containing information about caves in Grand Canyon National Park, the other with data about vegetation. Both databases originally were stored using Microsoft Access, which did not permit sharing of the data from a single server to multiple front-ends. We ported the databases to SQL Server, a different database product, and modified the front-end to access the single backend database thus enabling different users to modify, manage, and use the same data. We also wrote forms and reports, working with the NPS, to query and manage the data. The user interface to the data remains as a Microsoft Access database. In summary the project produced two SQL Server databases (one for caves and the other for vegetation data), two user interfaces, and two reports describing how to use the databases.