

// Case Study / Schwab Portal User Center

//CHALLENGE

- Charles Schwab & Company was faced with administrative challenges for their Portal extranet system, which is comprised of multiple web-based applications.
- Schwab needed the ability to centralize user administration and authentication for all applications to simplify the process of supporting the extranet.
- Schwab also needed the flexibility to publish certain attributes of the authentication and administration application, such as messaging to users around log in/log out functions.

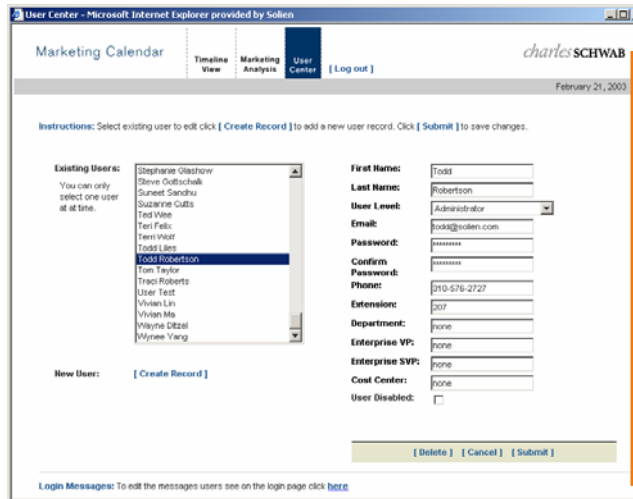
//SOLUTION

➤ The User Center Service is an XML Web Service and the only required component of the User Center. All of the functions are exposed in the form of SOAP methods, and as such, may be easily incorporated into any third-party application in order to integrate users of that application into a common User Database.

➤ The UserCenterClient is a front-end UI to the UserCenterService, which can be programmatically customized to have the same look and feel as any of the third-party applications integrating with the UserCenter.

//TECHNOLOGY

- Microsoft Windows 2000 Server
- Microsoft SQL Server 2000
- Microsoft Visual Studio .Net
- Microsoft ASP.Net 1.0
- Microsoft .Net Framework 1.0
- C#
- Simple Object Access Protocol (SOAP)
- XML Web Service



➤ Solien developed easy to use interfaces for user management, client attribute publication, and diagnostics, all of which simplify extranet administration.

//RESULTS

Solien Technology developed The Portal User Center, a centralized User Registration and Authentication System with which any number of third-party applications may tightly integrate in order to form a common user community and database across these multiple applications. The User Center has reduced the administrative burden associated with Schwab's extranet, and the User Center Client substantially reduces the amount of time required for a third party application to create a front end to interface with the web service.