

Client :	OneRoomRate.com
Industry :	Hospitality
Solution :	Online Business Application
Technology :	.NET, Microsoft
Complexity:	Advanced

One Room Rate

www.oneroomrate.com

About OneRoomRate

OneRoomRate is an online platform that allows business class travelers to book airport hotels at a low and uniform price throughout the country. It works with hotels, located near major airports across the United States, to ensure that its members have to pay the same rates when they book a hotel room, regardless of season.

Project Requirement

The client required a completely automated system that would enable quick online bookings to members, allow bonus points to be transferred to the member companies, provide reward points after every successful stay, and allow cancellation with the balance amount getting credited to the user account for future bookings.

The project required a complex workflow that would allow hotels to register with OneRoomRate.com, and undertake the member verification/approval/rejection process. The project also required pulling data from Pegasus, a third party hotel inventory system, to update hotel information, including videos and images. Upon re-registration, display of the company's previous history with OneRoomRate.com was also required.

The Challenge

- Integration with third party inventory system (CRS) through Pegasus
- Maintaining all records for complete auditing reconciliation

Our Solution

- RiaEnjolie developed a web service to capture data from Pegasus and update the hotel CRS. We provided for monthly data pulling from Pegasus into local databases to keep the system in sync with the external database.
- As part of the complete solution, we also incorporated Change Data Capture, the latest feature in SQL 2008 database, to maintain an audit trail.
- Our approach included extensive documentation and knowledge sharing within the team to handle complexity in the application

Key Features

- Extensive customer care interface to allow rapid search on users/bookings/partner hotels, etc.
- Bonus point calculation and management system
- Use of reusable components (Enterprise Library Version 3.1), latest tools and technologies to support the complexity of the project and enable timely delivery of the project.
- User friendly messages and interfaces for membership expiry, credit card expiry notification, and provider hotel room update notification, etc.
- Re-registration feature to allow registration with the portal.

