

COINSTAR CMS

Solution Overview

Industry

Coin-Operated Machines

Scenario

Coinstar needed a replacement for the AS/400-JDEdwards based 'One World' commission management system that its acquisition, 4th Wall Management, was using. This solution was to be built using Microsoft® .NET technology and had to integrate with Microsoft® Dynamics – GP 9.0 supporting the financials.

Company Profile

Coinstar is a leading provider of services at the front of retail stores that provide consumers with valuable and convenient products and retailers with increased profit opportunities. 4th Wall needed a completely new system to replace its legacy JD Edwards system and to support its daily operations that include collection reporting, reconciliation, commission calculation and commission receipts and payments and machine/location management.

Benefits

- Intuitive and easy to use - Microsoft outlook like application
- Painless delivery of application updates, despite being an installed windows application
- Seamless integration to GP, without the need for having a GP client
- Easily Scalable

Technology Used

- n-tier, .NET distributed application with SQL2005 and a Windows based client
- Microsoft's OneTouch deployment for publishing the client
- Web services for business and data access
- eConnect 9.0 to integrate with Microsoft Dynamics GP 9.0
- SQL Reporting Services run about 60 different reports!

Partner

Congruent

Bellevue, Washington, USA

<http://www.congruentsoft.com>

Coinstar selected Congruent as their partner for designing, developing and implementing a mission critical turnkey solution, CMS: Commission Management System, for its recent acquisition, "4th Wall Management LLC".

Software Development Partnership

Coinstar needed a replacement for the AS/400-JDEdwards based 'One World' commission management system that its acquisition, 4th Wall Management, was using. This solution was built using Microsoft® .NET technology and had to integrate with Microsoft Dynamics GP 9.0 supporting the financials.

The mission critical project had a hard deadline, as the option to use the existing JDE OneWorld system could not be extended. The new system had to take over the old system with a very small overlap for parallel testing.

Congruent started with the analysis, architecture, design, development, testing and delivery of the application in short iterative cycles and was able to efficiently achieve the final product on time and on budget.

"Regarding project feedback, we found your development skills exceptional. The architecture is awesome and we hope will scale to meet the needs of a quickly growing company"

Christi Liebe
VP, Information Technology
Coinstar

What is CMS: Commission Management System?

As its name implies, CMS helps its users manage commissions for coin operated vending machines, amusement toys and skill cranes. The day to day business requires that 4th Wall Management maintain details of some 30,000 machines in thousands of client locations. The machine descriptions, types, bill rates, pay rates, payees, locations, and rotations are just a few of the details that have to be maintained for each machine. All of these details per machine are collectively called as a 'work order'.

On a monthly basis, collection details have to be processed for these machines. This process is managed by route tickets that are created (automatically by the system) for each active machine. Bills are calculated off of the sales (collection) data collected for each machine by the respective vendors and matched against payments made by the vendors. Overages and shortages have to be handled.

Commissions have to be calculated off of the route tickets to pay the respective clients who lease the location for the machines to 4th Wall. All of the financial transactions (Payments, Receipts, Debit and Credit Memos) have to be 'pushed' into GP, as it is the accounting system for 4th Wall/Coinstar.

The Client and Vendor records have to be managed from CMS but kept in synchronization with GP. Various reports have to be run by the users to verify their work and reporting to Client's and Vendors. The CMS application does all of the above mentioned functions and more!