

Automate Reporting Mechanism with SSRS Reports & .Net

Background

The company is a trusted data center solution provider for many of the world's leading enterprises. They are one of the world's largest data center solution providers with the financial strength to ensure long-term stability and customer support. With more than 100 properties in over 30 markets around the world, the company is a member of **The Green Grid** and has helped pioneer concepts of energy efficient and energy conserving data center design.

Business Situation and Challenges

The company wanted to design a solution to automate their reporting solution for the properties/buildings which is currently a manual process costing lots of man hours, consumes time and is error prone.

WinWire Solution

WinWire proposed a solution that pulled dynamic content of the report from cube (OLAP database) along with manually filled information before generating the report. The contents of different sections of the report would be stored in a systematic manner for further addition and updates. The generated PDF will be stored into SharePoint portal at an identified document library.

WinWire also implemented the security & versioning feature of SharePoint Document Library to maintain the versions and secure these documents.

Proposed solution included the following

- Use SSRS to automate the generation of reports that contains static, dynamic & manually entered information
- Build a Wizard based mechanism for automated and validated data entry by users to reduce errors
- Utilize SSAS and database storage to automate generation of content to be used in the reports.
- Apply best practices for reports layout and formatting to ensure this automation allows for similar experience for printed version of the reports.

- .NET forms looked similar to the report template and included links to "Table of Contents".
- .NET forms will be a wizard based approach and manually entered data of the specific sections will be saved in a database for further addition/updates by the user.
- A consolidated annual report in PDF form is generated as defined in the template and this will be stored in the identified SharePoint document library.
- Technologies used: **SSRS Reports, .Net 3.5**

ANNUAL BUSINESS PLAN SUMMARY

Property Overview		
Property Address / City:	4849 Alpha Rd	Santa Clara, CA
Market / Region:	Silicon Valley	West
Property Type:	Data Center	
Property / Asset Manager:	Iris Rodriguez	Raul Saavedra/Susan Yau
Address:	1100 Space Park Drive, Santa Clara, CA	
Phone Number:	408-387-8666	
Email:	irodriguez@digitalrealty.com	
Begin Occupancy % /End Occupancy %:	100%	98%
Net Rentable Square Feet (As of 10/17/2013):	1225	
Redevelopment Sq. Ft:	1000	
Year Built / Renovated:	1979/2000 & 2012	
Acquisition Date:	7/13/2010	

Benefits

- Efficient way to create annual reports resulting in time save
- Time consumed to generate reports year-on-year reduced drastically
- Easy way to edit the dynamic content in a wizard based form that can filled up and edited
- Centralized location to store all the generated reports that can be easily and quickly accessed anytime
- Automated notifications for reports approval which would in turn save time and help to achieve on time completion of reports

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