

SEDS – Social Education and Development Society

“Managing grass root Social Development projects and Unique ID Generation for Bottom of Pyramid customers using Cloud Computing”

Industry: Non-Profit Organization

Published: February 16, 2010



COMPANY PROFILE

Founded in 1980 as a grassroots development NGO, **SEDS (Social Education and Development Society)** is currently one of the largest NGOs in India. Based in the Anantapur District of Andhra Pradesh, India's second most drought-prone area, SEDS overlooks and manages the needs of more than 250 villages and its population. Their operations consist of conducting welfare programs followed up by regular surveys which provide real-time population & resource statistics and a road-map of how programs work, the channelization of funds/efforts and the resultant success/failure of programs.

WOLF worked with SEDS to design a census information management SaaS for serving the Bottom of Pyramid (BoP) customers. The application allows collection and consolidation using different devices into a central repository and automates the process of data analysis, presenting reports and charts on different metrics at the click of a button.

BUSINESS CHALLENGES:

- The requirement for a structured and connected system for tracking and managing the needs of a large rural population spread over more than 250 villages.
- The need to assign Unique Identification (UID) to every individual that allows SEDS to track progress at the individual and household levels.
- SEDS was managing large repositories of historical data maintained in spreadsheets, databases and paper records.
- Manual methods were used for data gathering and analysis which were time consuming and error prone.
- Urgent need to streamline and automate the program-survey process.
- To create an interface between the SEDS team and interested parties consisting of donors, project stakeholders or any party with an interest in their operations.

“Serving our rural population & under developed community with multiple development & sustenance programs and tracking effectiveness has been our key focus over the last 30 plus years. To do this successfully – we rely on Data, its relationships and analytics/reports heavily. WOLF Platform gave us quick automation, anytime anywhere secured access with statistics and the ability to generate UID (Unique Identification ID) for more than 40,000 member’s database. This information will now help us & our donors to serve each & every individual with better products to improve their livelihood”

-Mrs. Manil Jayasena,
CEO, SEDS

SOLUTION: 120 hours to design, develop and deploy India's first Census Information Management SaaS (CIMS) serving BOP customers

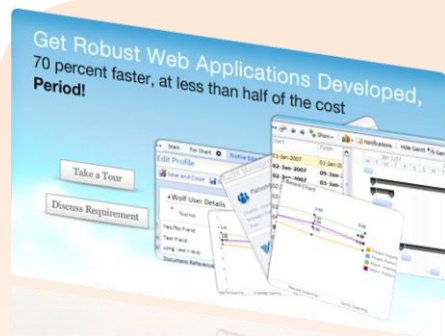
- CIMS enables SEDS to collect, relate & consolidate data into a central repository and automates the process of data analysis, presenting reports and charts on different metrics at the click of a button.
- Stores & manages data of 250 villages, 980 SHGs and auto generates Unique Identification (UID) for more than 40,000 BOP individuals.
- The importing of past data records maintained in databases & spreadsheets allowed SEDS to scrutinize as well as generate analytics based on historical data of the past 15 years.
- The global reach and web openness of CIMS allows SEDS to provide real-time project information to the public, subscribers or a private audience (such as donors) in the form of emails, RSS feeds, blogs and website content.
- CIMS was built keeping in mind the dynamic nature of SEDS operations enabling new program surveys to be added with minimum configuration.
- Strict security and access control was implemented to ensure data integrity and privacy.

TECHNOLOGY

- **Technology:** Microsoft.NET 4.0
- **Database:** Microsoft SQL Server, MySQL
- **Web Server:** IIS 7
- **Private Cloud Deployment License:** Supports Windows Server 2008 R2 with Hyper – V
- **Public Cloud:** Microsoft Azure, iWeb

BENEFITS: Census Information Management SaaS

- Affordable automation for key processes and generating UIDs (Unique Identification ID) for more than 40,000 BOP individuals.
- CIMS allows SEDS and donors to collectively track the impact and progress of social development welfare projects.
- **Light-weight applications** that enables SEDS to manage their operations using only a browser and Internet connection with a low bandwidth requirement.
- **Elastic Scalability:** Being one of the largest Indian NPOs working with dynamic parameters such as population and resources, scalability was a primary concern for SEDS. The elastic scalability offered by CIMS enables the addition of program surveys and analytics on the same with minimum configuration.



COMPANY and PRODUCT PROFILE

WOLF is a Cloud based Platform-as-a-Service that helps you design, deliver and use Software as a Service (SaaS) applications using only a web browser. The framework helps professionals and businesses to **focus on application innovation, rapid speed to market and continuous enhancement** rather than writing routine technical code and managing the infrastructure behind it.

WOLF greatly reduces the barrier to convert an idea or business process into an online web application by offering:

- **Prebuilt SaaS Architecture** that handles multi-tenancy, scalability, provisioning, etc.
- **'Out-of-the-box' Code-Free Design Framework** that enables rapid development of robust applications.

WOLF Frameworks Platform is used to design & deliver a host of business applications catering to multiple industries. WOLF team brings thousands of man year experiences, ranging from commercializing Business Processes as On Demand SaaS, Cloud Strategy consulting to deploying solutions in leading Public and Private Clouds. WOLF is headquartered in India with offices in United States and is represented via solution partners worldwide.

Website: <http://www.wolfframeworks.com>

For More Information

For more information about WOLF products and services, call the WOLF Sales Information Center at +91 98865 46085. To access information using the World Wide Web, go to: <http://www.wolfframeworks.com>

© 2006-2010 WOLF Frameworks India Pvt. Ltd. All rights reserved.

This document is for informational purposes only. WOLF MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS SUMMARY. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.