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### **Business Domain**

Media & Publishing

### **Project Type**

Platform, Website, Mobile App

# **Digital Solutions and Continuous Support Propel One of the Major US Catholic Digital and Media Agency's App Performance 7x**

## **Client**

The Client is a media organization that creates digital tools for the Catholic Church, which is changing and growing. With the new name, a new look, and a clear direction, the Client continues to lead the way to help faith communities better engage in the New Evangelization.

## **Project**

Further development, bug fixing, and support of a set of applications, including a website and mobile apps.

## **Objective**

The Client needed to continue the support and development of their digital solutions, including a web site and mobile applications. Besides the frontend, a set of backend activities was to be executed.

## **Team Reinforcement**

The Client developed their digital products with another vendor that delivered buggy and problematic solutions. All the software complex consisting of several data bases, backend, web and mobile frontends was to be fixed and completed. The Client had no required engineers and turned to the Intetics team, that later provided support services.

# Challenge

The Client's mission is to meet the communication needs of the Catholic Church by providing products and services that help parishes, dioceses, and schools communicate and connect with their community.

The Client started its journey with another software developer that failed their commitments and delivered a problematic product.

The Client required urgent help and was not able to deal with the software issues themselves, as they lacked in-house software developers.

## Quick Facts

- ✓ 5 years of continuous cooperation
- ✓ Increased applications' performance 7 times
- ✓ The Client started to receive revenue from their applications

### Technologies

PHP / Symphony / React / PostgreSQL / AWS / EC2 / SES / SNS / SQS / S3 / Elastic Cache / Code Pipeline / Cloudfront / CloudFormation / Flask / Celery / RabbitMQ / Java Script / Kotlin / Swift

# Solution

## ★ 01

The investments in software development started to return and generate revenue.

## ★ 02

The Client's applications started to work smoothly during peak load.

## ★ 03

The backend was migrated from Python 2 to Python 3, which increased the performance and stability indicators.

## ★ 04

Core features of the solution include:

- Messages – to connect with the parish
- Calendar – for community events
- Groups – for discussions
- Readings – provided by US Conference of Catholic Bishops

## ★ 05

Parishioners will never miss important messages, even if they visit a different parish. Non-parishioners can follow a parish as well.



## Client Reference



*The Intetics team helped us to stabilize and balance our business. With their impact, we received a stable and balanced software product.*

**Product Manager of Digital Operations**

## Benefits and Results

- ★ With the new changes, the Client started to obtain 2-3 new clients every week.
- ★ Parishes started to have a mobile presence. They were able to connect with their parishioners.
- ★ The app became the leading application for Catholic parishes. The number of users is constantly growing.
- ★ In just 6 months, the business and software projects achieved stability and reliability, setting the foundation for continued success.

### Techstack:

PHP, Symphony, React, PostgreSQL, AWS, EC2, SES, SNS, SQS, S3, Elastic Cache, Code Pipeline, Cloudfront, CloudFormation, Flask, Celery, RabbitMQ, Java Script, Kotlin, Swift

### Team: 10

Project Manager, Backend Developers, Frontend Developers, QA and QAA Engineers, Mobile Developers