



# The Computerworld Honors Program

Honoring those who use Information Technology to benefit society

## Final Copy of Case Study

YEAR:

2012

STATUS:

Laureate

**Organization:**

One IT World

**Organization URL:**

[www.oneitworld.com](http://www.oneitworld.com)

**Project Name:**

Government Central Payment Service for Online Taxes

**What social/humanitarian issue was the project designed to address? What specific metrics did you use to measure the project's success?**

This project is part of the El Salvador government's program, 2009 - 2014 for a Better Quality of Life, and was financed with funds of the Inter-American Development Bank. The major achievement was to improve the efficiency and reliability of the tax payments; previous to this multi-channel IT solution, tax payments were collected for the bank offices next day, having lost payments and errors on the information; the new solution, uses a Service Oriented Integration Architecture between the Ministry of Finances and 10 major banks in El Salvador, so tax payers can make their payments from bank offices and the payment is received online, which dramatically optimizes the efficiency and reliability of government services and improves the tax payers experience and trust.

**Please describe the technologies used and how those technologies were deployed in an innovative way. Also, please include any technical or other challenges that were overcome for the successful implementation of the project.**

Architecture: Multi-Tier, Multi-Channel Service Oriented Architecture (SOA), Event-Driven Architecture (EDA) supported by Oracle SOA Suite, Web Services, XML, Java Messaging Service, Java Enterprise Edition in a private cloud with virtualized and clustered servers.

**Please list the specific humanitarian benefits the project has yielded so far.**

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**Please provide the best example of how the project has benefited a specific individual, enterprise or organization. Feel free to include personal quotes from individuals who have directly benefited from the work.**

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