

TELESIS DELIVERS AGENCY LEVEL TRANSFORMATION IN THE CLOUD

Using Open Source Technology to Speed up Implementation and Reduce Costs

Step 4

Product Launch

- TELESIS developed and delivered a working prototype in six weeks
- Launched the first certification, Woman-Owned Small Business (WOSB) to production in 7 months.
- Applications to the WOSB program increased by 600% during the first month, and US Small Business Administration praised TELESIS for rapid delivery, awarding an “Excellent” rating to the effort.

Step 3

Innovative Steps to Accelerate Development and Delivery

- All-cloud infrastructure on Amazon Web Services (AWS)
- Leveraged Chef for rapid deployment and consistency
- Continuous integration and delivery pipeline using Jenkins, Code Deploy, and scripting
- Automated unit and functional testing
- RSPEC and Selenium to increase product quality; 90%+ automated test

Step 2

Agile Transformation

- Implemented a major system overhaul and new technology – movement to Cloud.
- An all-Agile team of certified Agilists (CSM, CSPO, CSP)
- Implemented Scrum, daily stand-ups and iteration planning sessions
- Backlog grooming, reviews and retrospectives
- Adopting aspects of Lean, DevOps and SAFe to maximize team performance.

Step 1

TELESIS Approach

- TELESIS engineered an organizational change at SBA
- Team participants were trained in Agile fundamentals
- User stories, iterations, and sprints incorporated into open discussions
- Governance framework to support Agile practices
- Self-managed teams, transparency in problem-solving, and rapid releases