# Sprint Report II

## Team Overview

### Name

Silver Redux

### Members

Dean Laganiere, Trevor Mahoney, Teresa Worner

### Project Title

APMAX Test Suite and Set-Top Box Regression Testing Framework

### Company

Innovative Systems, LLC

## Sprint Report

### Work for this sprint included:

* Emulator Client
  + Created a wizard for running tests (Emulator Client)
    - Automatically Writes to the database
    - Support for elapsed time while running tests
  + Bug Fixes
    - Fixed client crashing when deleting a command group that has > 0 commands.
    - Fixed client crashing when deleting a command type that has > 0 parameters.
    - Fixed glitch with moving menu items
    - Fixed crash when test not selected for certain pages
    - Fixed Various DevExpress Theme/Style Bugs
    - Fixed Spacing Problems on Command Types
    - Fixed Adding New Packages (MDI behavior broke this feature)
    - Deleting a Test Command Type no longer throws an exception
  + Emulator Client – MDI Behaviors
    - Implemented MDI ( Multiple Document Interface ) Style
    - Made User Controls Resizable
    - Clicking an item in the toolbar focuses that active window if one exists
    - New windows are now focused when opened
  + Converted Controls on the following pages to DevExpress
    - Command Types
    - vPeople Commands
    - vPhones Commands
    - vPeople Command Groups
    - vPhones Command Groups
    - View Tests
    - Setup Tests
* Emulator Controller:
  + Implemented new command (*CmdInsertMessageForTesting*)
  + Prevented SerializationLookup from logging repeatedly for an unhandled message type
  + Add handling for unhandled SI Stream types
  + Get connection string for databases from command line
  + Fixed TCP send/receive (Needed to both use the same socket)
* Created Smartphone Launcher:
  + Changed Implementation of Smartphone Emulator to not use Visual Studio Load Test Framework
  + Created and implemented a service interface
  + Created a client for this service
* APMAX Performance Stats Commands
  + Added appropriate database table
  + Tied performance stats to the EmulatorClient
  + Handles received messages
  + Extracted MessageContainers from APMaxTestSuite.Common

### Work that is carried over into sprint 3 is as follow:

* Test APMAX Performance Stats commands
* Add the new smartphone launcher to the Emulator Client
* Investigate some slow database calls in the Emulator Client
* Implement Graphs in Test History
* Implemented Test Summary in Test History
* Implement a way for comparing test runs
* Finalize End-User Documentation ( Tester, Developer )
* Testing the Emulator Client ( Including writing test cases )
* Convert Test / TestRun ComboBox into LookupEdit
* Finish any remaining features for the Test Run Wizard
* Finish Refactoring Setup Tests page