

SRP FrameWorks – Presentation Outline

I. Introduction - SRP Computer Solutions, Inc.

- a. Revelation Software developers and consultants since 1991
- b. Primarily focused in OpenInsight development for various industries
- c. Providers of advanced programming and technical support for other consultants: Toledo & Associates, Leonardo Software, Occupation Health Software Systems, Synergistic Systems, GCAS Inc., Document Systems, Aceapp Corp., etc.

II. Anatomy of an Infrastructure

- a. SDI (Single Document Interface)
 - i. Definition: An application where each window is normally running independently and self-contained on the desktop. Typically these windows are launched from a primary window (e.g. a floating toolbar)
 - ii. Pros
 - 1. Each window is an individual object on the desktop
 - 2. Each window has the entire desktop for real estate
 - 3. Taskbar can be used to quickly access a running window
 - 4. Usually quicker and easier for initial development of an SDI application
 - iii. Cons
 - 1. When multiple windows are running it adds to desktop clutter
 - 2. Additional work is typically required to manage SDI applications, especially as the number of windows and features grows (i.e. launching pad, security, shutting application down, etc.)
 - 3. Each window requires its own button bar and/or menus for functionality
- b. MDI (Multiple-Document Interface)
 - i. Definition: An application where each window is normally running as a dependent child within the client area of a primary frame window. Typically these windows are launched from menu items or toolbar buttons located on the primary frame itself
 - ii. Pros
 - 1. Minimal clutter on the desktop
 - 2. Application is completely self-contained
 - 3. Long-term management of MDI applications is usually easier if the initial infrastructure was well designed

4. Each window generally takes advantage of the primary frame's common button bar and menus
- iii. Cons
 1. All windows are contained within the primary frame so the task bar cannot be used to quickly access a particular window
 2. Child windows must fit within the client area, reducing the available real estate for each window
 3. Some people feel that MDI is not intuitive
- c. Hybrids (Mixture of SDI and MDI windows)
 - i. Sometimes it is the only option available
 - ii. Generally not a good idea
 - iii. Usually, the application is really SDI but MDI is used to accomplish certain requirements (e.g. simulating large multi-tabbed windows)
 - iv. Occasionally, the application is MDI but SDI is used to accomplish certain requirements (e.g. calling a third-party program like the OIPI or Paint)

III. What is SRP FrameWorks?

- a. A complete application infrastructure
- b. Multiple Document Interface (MDI) frame with an MS Office appearance and style
- c. An ideal starting point for new application development as well as AREV conversions

IV. Why should I use SRP FrameWorks?

- a. Years of thought, development, and successful implementation has been invested into this infrastructure
- b. Many OpenInsight developers are unfamiliar with Windows user interface design. Consequently, OI screens suffer visually and functionally. SRP FrameWorks provides a visually elegant and functionally sophisticated basis for application development
- c. Overall look and feel is compatible with current commercial software packages
- d. All source code included, developers are able to change anything they like
- e. Unlimited technical support is included*

**Technical support is limited to the pre-existing features included with SRP FrameWorks. Any support to extended SRP FrameWorks beyond its original design will be evaluated on a case-by-case basis.*

V. Major Features

- a. Integrated user login and security

- i. Toolbar buttons, menu items, forms, and reports can be restricted
 - ii. Audit tracking available for any and all database tables
 - iii. Instantaneous view of who is logged in and where
 - iv. Ability to have unique logins for Citrix/Terminal Server (ASP) applications
- b. Pre-built library of Promoted Events
- c. Many AREV keyboard shortcuts supported
 - i. F9 saves a record
 - ii. F8 clears a form
 - iii. F2 launches Options for the current control
 - iv. F6 launches Softkeys for the current window
- d. Printer Assignment Tool
- e. Multi-level tabbed interface for reports with report management logic that helps blend custom OIPI reports with S/List reports
- f. Statusline and Context-level Help for each control
- g. Sequential Key Tool
- h. Updates RDK Loader Interface
- i. About Box with Workstation, Network, and Application Information
- j. Pre-sized MDI child templates for single page, multi-page, and tabbed paged windows included

VI. Thank you