



Case Study: LOCKHEED MARTIN

RADIC INTERFACE DESIGN

Challenge

The job of an analyst is never easy, especially so for intelligence analysts. A large population of professional analysts was working in a “stovepiped” environment for many years and used antiquated tools with little or no interoperability. Many of these tools were converted to a web compatible format, but efficiencies and effective implementation were sacrificed for a “speed-to-market” approach simply to get the tools into the hands of the analysts for quick deployment. These professionals needed to collaborate, access data in a current web paradigm, keep vintage operating systems functional for the sake of maintaining legacy tools, and report – all without the tools necessary to do so.

Solution

ADG partnered with Lockheed Martin to conceive of a system to provide an environment for analysts where legacy tools were reengineered and stovepiped applications could interact, collaborate and “share” intelligence. The last requirement was that the system hosting the tools acts more like an operating system than a mass of tools stitched together by an off-the-shelf portal product. ADG turned to industry leader, Macromedia®, and collaborated to develop an approach that used a truly fluid and interactive structure to negotiate interactivity with disparate data marts and remote asset libraries. All of this was consummated in a user interface (UI) that was easy to comprehend, and provided analysts with everything they needed to complete their respective missions right at their fingertips.

Result

ADG was able to define user requirements that had not been gathered in years, evaluate metrics, and formulate an architecture and approach that met the needs of the analytic community. The findings presented by ADG, as well as the full HMI assessment and complete UI design was met with an exceptional response by user groups. In addition, technical and information assurance committees in the private and federal sector have validated the ADG solution and found it exceptional. A prototype was built, and there are hopes for a full-scale development and integration effort in the future.