



a.i. solutions Opens the Door for the ELV Community with the KSC Launch Services Portal

The Customer

NASA's Expendable Launch Vehicle (ELV) Community

The Challenge

NASA's ELV community needed a central, secure repository, with 24/7 access to mission information for its geographically dispersed workforce and customers. The resources required to develop and maintain such a repository presented significant challenges within current NASA budget constraints.

The Solution

a.i. solutions' KSC Launch Services Portal

The Results

a.i. solutions has provided the ELV community a way to securely access, at any time from anywhere, data, tools, analysis, and other necessary launch services information. The portal's built-in tool suite allows users to easily *create and maintain* their own web sites. The end results: cost savings and more efficient use of human resources.

Start NASA's Expendable Launch Vehicle (ELV) community is vast and geographically dispersed. The amount of information produced by this organization is significant. Efficient operations require easy and secure access from multiple locations to a variety of data and tools that enable personnel to effectively perform their jobs. Information needs to be shared, from Launch Service Provider (LSP) vehicle engineering data to staff schedules.

As Internet technology matured, the ELV community began using the web as a tool for information sharing. However, data was stored in many different locations on many different web sites, each with their own look and feel. Each group within the ELV community was responsible for creating and maintaining their own web presence. It quickly became clear that a solution to the collection, organization, control and security of ELV data was essential. **a.i. solutions** was up to the challenge and created Kennedy Space Center's (KSC) Launch Services (LS) Portal.

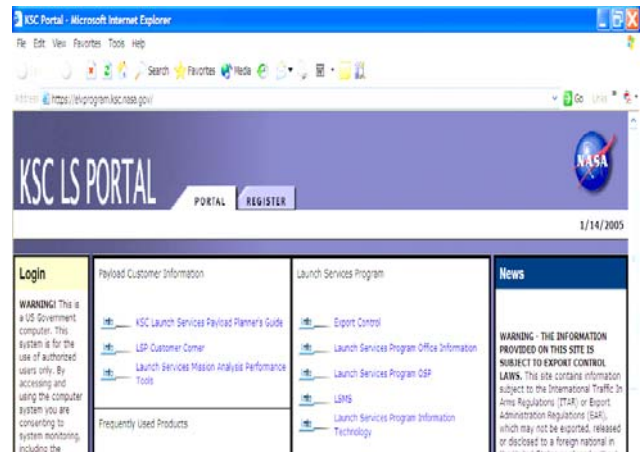
To implement the web-portal approach, **a.i. solutions** worked with NASA's ELV Chief Knowledge Manager and other customers to assess the state of all systems, identify and prioritize current and future needs, and plan the KSC LS Portal implementation.

The Results

The impact of the LS Portal on the ELV community was immediate and amazing. For the first time, access to ELV community information had a common interface, a common look and feel, and 24/7 secure accessibility from anywhere with an internet connection. The ELV community, including NASA engineers, launch service providers, principle investigators, spacecraft manufacturers, and universities, rely on the portal as the gateway to essential mission information. Today, the KSC LS Portal supports more than 600 accounts. Users inside the LS Portal campus have a centralized place to share and maintain data. Approved external users can gain access to mission data, spacecraft information, and a tremendous amount of other day-to-day information that is essential to the work they do.

Secure, 24/7 accessibility and information sharing is only part of the LS Portal story. Recognizing that web site generation and maintenance costs might prohibit some clients from making full, effective use of the portal, **a.i. solutions** again answered the challenge and developed a powerful web site creation tool suite. This tool suite is accessed through the portal and allows users, without having web development expertise, to build, deploy, and maintain one or more web sites across organizations. These tools allow customers to focus more on content and less on costly web-site maintenance. Users can dynamically modify both the site structure and content of their managed web sites, and can administer security and access rights to their sites.

The KSC LS Portal provides the right combination of tools and services to the ELV community.



Better use of tools. Access to mission-critical information. Enabling better decisions.

a.i. solutions is proud to be the trusted provider of the KSC Launch Services Portal