

Axient Capability Highlight: Flight Analysts Workstation Software (FAWS)

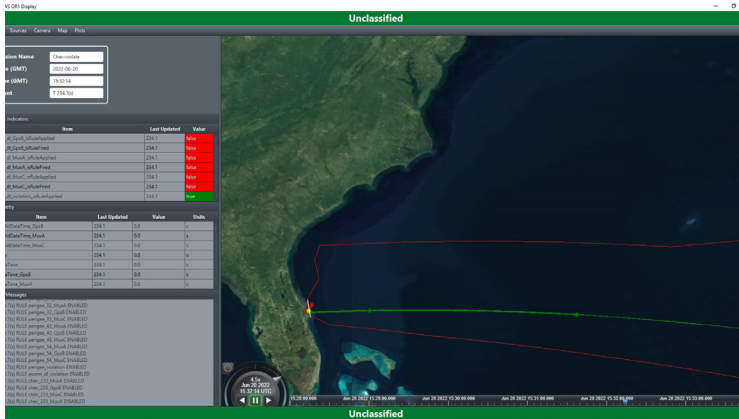
What is SENTRY™ FAWS?

Axient's SENTRY™ Flight Analysts Workstation Software (FAWS) allows for the design, development, and validation of Autonomous Flight Safety System (AFSS) Mission Rules – enabling a vehicle to take appropriate actions when needed. SENTRY™ FAWS is available for Government and commercial space launch and reentry operations.

Benefits

- Vehicle-agnostic
- Modular and flexible
- System flexibility and lower cost
- Turn-key solution from mission planning to post-launch operations
- Fulfills national safety approval requirements
- Increases data fidelity
- Customizable and user-friendly graphical user interface
- Only system that includes automated rule generation load capability

Premier Tool for AFSS Mission Rule Development and Validation



What is AFSS? How can it lower costs?

An Autonomous Flight Safety System (AFSS) provides a solution to replace traditional commanded Flight Termination Systems (FTS) with an on-board system capable of processing navigational and critical flight performance data, and evaluating parameters against a pre-defined set of rules. In the event of errant flight, the AFSS will execute pre-defined action(s), ensuring safety to public and property.

1 AXIENTCORP.COM FAWS | One Pager

FLIGHT ANALYSTS WORKSTATION SOFTWARE (FAWS)

Axient's commercial tools used for pre-mission generation and validation of the flight rules intended for use on a launch vehicle's Autonomous Flight Safety Unit (AFSU):

- Generates and validates CASS OR1 or OR2 Mission Data Loads (MDLs)
- FAA Safety Approval (in 2018)
- Embedded CASS OR1 and OR2
- Dynamically displays simulations
- GUI for construction of mission rules



COMPLIES WITH:

CFR 417 • AFSPC 91-710 • NPR 8715.5 • NPR 8739.8 • NPR 7150.2b

