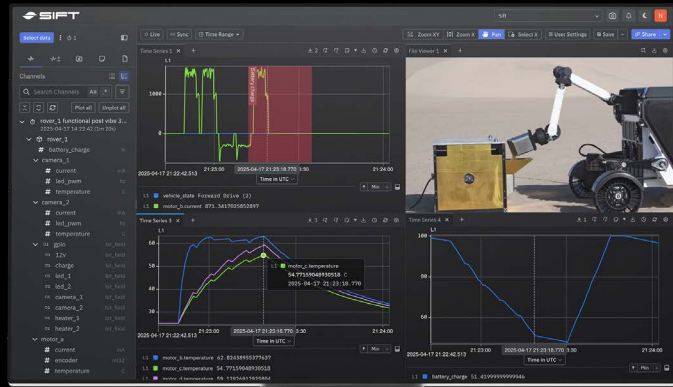


Built for the Moon: How Astrolab avoided years of in-house tooling debt

Astrolab is building a fleet of lunar rovers under a NASA contract worth up to \$4.6 billion. See how it put all of its data, telemetry, and storage on Sift to keep engineers focused on the rover, not the tooling.



ASTROLAB

\$219M

NASA's task order for Astrolab's Crewed Lunar Vehicle

950kg

CLV-1's maximum mass

>5k hrs

Engineering time saved with Sift

\$100k+

Cost savings on internal tooling with Sift

IN THEIR WORDS

“Choosing Sift was an important decision for us... It provides a one stop shop for all of our data, telemetry, storage, and access needs.”

—Niraj Patel, Senior Software Engineer, Astrolab

CORE CAPABILITIES

Skip years of in-house tooling and stay focused on the rover
Astrolab chose Sift early instead of building and maintaining an in-house stack. Astrolab's engineers have saved roughly 5,000+ hours of engineering time and hundreds of thousands in cost as a result.

Review simulation and field-test data without the manual grind
Astrolab runs thousands of hardware-in-the-loop and field tests across its rover program. Sift lets them automate their data review so they release more frequently and catch risks earlier.

Share telemetry with NASA and partners while protecting every record
Astrolab collaborates with external stakeholders and certifies hardware genealogy across a fleet headed to the Moon. With Sift's attribute-based access control and automatic certification, they share exactly the right telemetry with exactly the right people.

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