

August 16, 2024



Spire Global Launches Seven LEMUR Satellites on SpaceX Transporter-11 Mission

The satellites will monitor soil moisture, improve global weather forecasts and serve missions for Space Services customers

VANDENBERG SPACE FORCE BASE, Calif.--(BUSINESS WIRE)-- [Spire Global, Inc.](#) (NYSE: SPIR) ("Spire" or "the Company"), a global provider of space-based data, analytics and space services, successfully launched seven satellites on the SpaceX Transporter-11 mission, which launched from Vandenberg Space Force Base in California on August 16, 2024. This marks Spire's third launch of 2024 and the 41st in the company's history, bringing the total number of Spire satellites launched to 196.

Multi-Payload Satellites with Diverse Applications

These newly launched LEMUR satellites, ranging from 3U- to 16U-sized satellite buses, are designed for a wide range of applications that include data to improve weather forecasting, global soil moisture analysis and maritime ship tracking. The satellites will also serve missions for Space Services customers.

Spire Advances Weather Monitoring and Insights

Spire is enhancing its soil moisture monitoring capabilities by combining radio occultation and reflectometry technologies on a single platform. This dual capability allows Spire to measure the Earth's state from the atmosphere to the ground, improving weather forecasts for leading meteorological agencies that acquire the Company's data. Recently, Spire expanded its Weather & Climate product suite with advanced [Soil Moisture Insights](#), which uses proprietary reflectometry measurements, open-source data, and AI to provide a comprehensive view of global soil moisture. These insights are crucial for agricultural planning, water resource management, and climate change adaptation and mitigation efforts.

Learn more about the satellites' journeys at spire.com/liftoff.

About Spire Global, Inc.

Spire (NYSE: SPIR) is a global provider of space-based data, analytics and space services, offering unique datasets and powerful insights about Earth so that organizations can make decisions with confidence in a rapidly changing world. Spire builds, owns, and operates a fully deployed satellite constellation that observes the Earth in real time using radio frequency technology. The data acquired by Spire's satellites provides global weather intelligence, ship and plane movements, and spoofing and jamming detection to better

predict how their patterns impact economies, global security, business operations and the environment. Spire also offers Space as a Service solutions that empower customers to leverage its established infrastructure to put their business in space. Spire has nine offices across the U.S., Canada, UK, Luxembourg, Germany and Singapore. To learn more, visit spire.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the federal securities laws, which statements involve substantial risks and uncertainties. Forward-looking statements generally relate to future events or the Company's anticipated financial or operating performance. In some cases, you can identify forward-looking statements because they contain words such as "may," "will," "should," "expect," "plan," "anticipate," "could," "would," "intend," "target," "project," "contemplate," "believe," "estimate," "predict," "project," "potential," "seek" or "continue" or the negative of these words or other similar terms or expressions that concern the Company's expectations, strategy, plans or intentions. Forward-looking statements contained in this press release include, but are not limited to, statements about the Company's expectations for the data to improve weather forecasting, global soil moisture analysis, and maritime ship tracking, as well as Space Services missions.

The Company cautions you that the foregoing list may not contain all of the forward-looking statements made in this press release. You should not rely upon forward-looking statements as predictions of future events. For other risk factors affecting the Company, see "Risk Factors" in the Company's Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. Moreover, the Company operates in a very competitive and rapidly changing environment. New risks and uncertainties emerge from time to time and it is not possible for the Company to predict all risks and uncertainties that could have an impact on the forward-looking statements contained in this press release. The Company cannot assure you that the results, events, and circumstances reflected in the forward-looking statements will be achieved or occur, and actual results, events, or circumstances could differ materially from those described in the forward-looking statements.

Neither the Company nor any other person assumes responsibility for the accuracy and completeness of any of these forward-looking statements. Moreover, the forward-looking statements made in this press release relate only to expectations as of the date on which the statements are made. The Company undertakes no obligation to update any forward-looking statements made in this press release to reflect events or circumstances after the date of this press release or to reflect new information or the occurrence of unanticipated events, except as required by law. The Company may not actually achieve the plans, intentions or expectations disclosed in the forward-looking statements and you should not place undue reliance on the forward-looking statements.

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