

## Press release

## WITH FLIGHT ST35 FOR ONEWEB, ARIANESPACE SETS A NEW MARK BY SUCCESSFULLY PUTTING MORE THAN 1,000 SATELLITES IN ORBIT SINCE ITS FOUNDATION

- **Soyuz Flight ST35 placed 34 more satellites into orbit. Following this 10<sup>th</sup> launch for OneWeb, Arianespace has deployed 322 satellites for the global connectivity constellation.**
- **Ninth successful launches and sixth Soyuz operated by Arianespace and Starsem since the start of the year.**
- **With this launch, Arianespace will have deployed 1,021 satellite since its incorporation in 1980.**

Performed on Tuesday, September 14, at precisely 11:07 p.m. local time at Russia's Baikonur Cosmodrome (06:07 p.m. UTC), Soyuz Flight ST35 lifted-off with 34 OneWeb satellites onboard, bringing, after the successful deployment, the size of the fleet in orbit to 322. Flight ST35 was the 60<sup>th</sup> Soyuz mission carried out by Arianespace and its Starsem affiliate, and the tenth mission to the benefit of OneWeb.

The mission lasted three hours and 45 minutes. The 34 satellites were deployed during nine separation sequences, at an altitude of 450 km. It was also the ninth successful launch operated by Arianespace's teams this year, bringing to 1,021 the total number of spacecraft orbited since the start of company's operations.

*"Congratulations to all the teams who made this 60<sup>th</sup> launch with Soyuz, the 10<sup>th</sup> for OneWeb, a success. We are living a great moment today as we pass the step of our 1,000<sup>th</sup> satellite launched to space while our customer OneWeb is hitting a new pace with more than 300 satellites in orbit. This 1,000<sup>th</sup> satellite was named XiliaSat by our community in reference of the meaning of 1,000 in ancient Greek in a contest on our social media,"* said Stéphane Israël, CEO of Arianespace. *"This launch illustrates the recent acceleration in space operation – one third of these 1,000 Arianespace-launched satellites orbited over the 20 past months – and thus it is incumbent upon us, as leaders in the space sector, to embrace our responsibility to promote sustainable space operations."*

To date, Arianespace has launched 322 OneWeb satellites with ten Soyuz launches. Arianespace will perform nine more Soyuz launches for OneWeb through 2021 and 2022. These launches will enable OneWeb to complete the deployment of its full global constellation (650 satellites) in low Earth orbit by year-end 2022.

OneWeb's mission is to create a global connectivity platform through a next-generation satellite constellation in Low Earth Orbit. The OneWeb constellation will deliver high-speed, low-latency connectivity to a wide range of customer sectors, including aviation, maritime, enterprise and government. Central to its purpose, OneWeb seeks to bring connectivity to the hardest to reach places, where fiber cannot reach, and thereby bridge the digital divide.

The satellite prime contractor is OneWeb Satellites, a joint venture of OneWeb and Airbus Defence and Space. The satellites were produced in Florida, USA, in its leading-edge satellite manufacturing facilities that can build up to two satellites per day on a series production line dedicated to spacecraft assembly, integration, and testing.

The launch of the satellites was operated by Arianespace and its Euro-Russian affiliate Starsem under contract with Glavkosmos, a subsidiary of Roscosmos, the Russian space agency. Arianespace is responsible for the overall mission and flight-worthiness, with the support of Starsem for launch campaign activities including management of its own launch facilities at the Baikonur Cosmodrome.

RKTs-Progress (the Samara Space Center) is responsible for the design, development, manufacture and integration of the Soyuz launch vehicle as well as for the 3-stage Soyuz flight. NPO Lavotchkin is responsible for the launch preparation operations and flight of the Fregat orbital vehicle.

### The tenth OneWeb launch at a glance:

**333<sup>rd</sup>**

mission by the Arianespace family of launchers

**988<sup>th</sup> to 1021<sup>st</sup>**

satellites launched by Arianespace

**6<sup>th</sup>**

Soyuz launch of 2021

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#### About Arianespace

*Arianespace uses space to make life better on Earth by providing launch services for all types of satellites into all orbits. It has orbited more than 1,000 satellites since 1980, using its family of three launchers, Ariane, Soyuz and Vega, from launch sites in French Guiana (South America) and from the Russian cosmodromes in Baikonur and Vostochny. Arianespace is headquartered in Evry, near Paris, and has a technical facility at the Guiana Space Center in French Guiana, plus local offices in Washington, D.C., Tokyo and Singapore. Arianespace is a subsidiary of ArianeGroup, which holds 74% of its share capital, with the balance held by 15 other shareholders from the European launcher industry.*

[www.arianespace.com](http://www.arianespace.com)

#### About Starsem

*Starsem is dedicated to providing international commercial marketing and operation of the Soyuz launch vehicle from the Baikonur cosmodrome. Shareholders in Starsem are Arianespace, ArianeGroup, the State Space Corporation ROSCOSMOS and the Samara Space Center "RKTs-Progress".*

[www.starsem.com](http://www.starsem.com)