

## Introduction of the COSMO-SkyMed satellites

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The COSMO-SkyMed system is a constellation of four radar satellites for Earth observation for dual (civil and military) use. Its purpose is to monitor the globe for the sake of emergency prevention (management of environmental risks), strategy (defence and national security), and scientific and commercial purposes, providing data on a global scale.

COSMO-SkyMed is at the forefront of global technology and uses high-resolution (1 meter) radar to observe the Earth day or night, regardless of weather conditions. The three satellites has been on orbit and the last one will be launched in the beginning of 2010.

We will present the current status of COSMO-SkyMed as well as the future plan of the constellation.