

Day 2 – loT4EO

ESTEC, 17 Feb. 2023 - **IoT4EO 2023 Workshop**

Recap day 1



Various EO use cases showed interest in improved tasking and telemetry/early data access

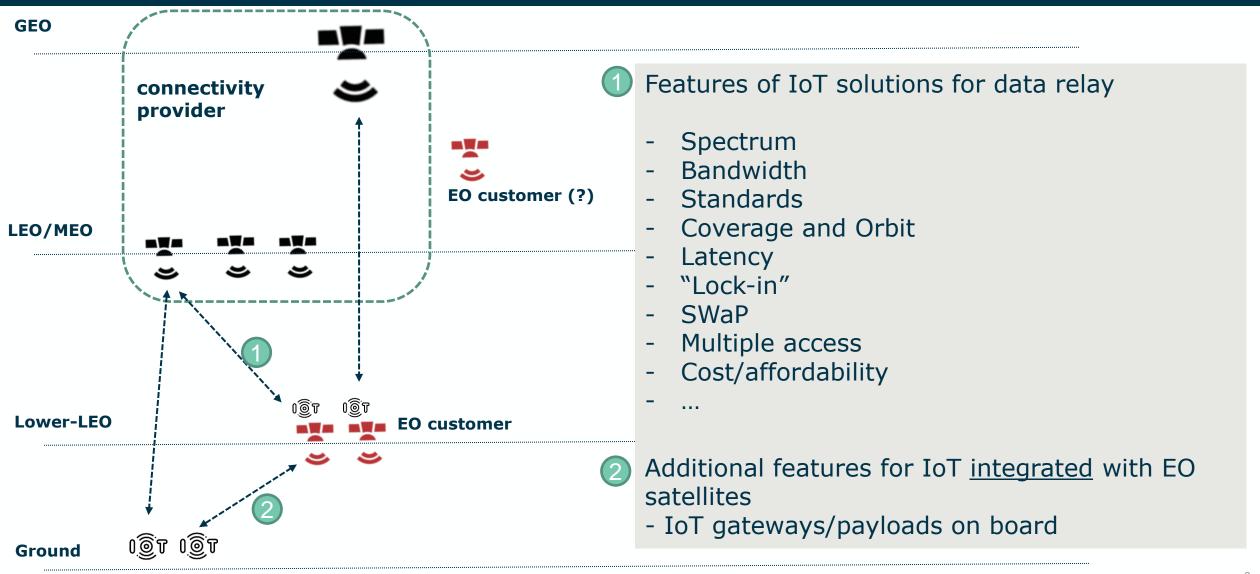
Some parties implementing their own solutions, and offering these solutions/services to others.

Solutions vary from Globalstar/Iridium to IDRS/GEO L-band or GEO Ku-band or S-band

Limited mentioning of use cases that need IoT on ground, e.g. to trigger an EO observation/tasking

Today's discussion





Regulatory aspcts

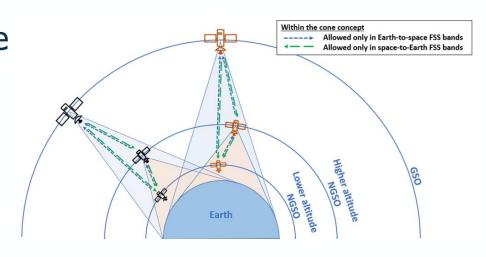


Regulatory development – will your EO satellite be allowed to be served with the proposed solution?

New opportunities in **Ka-/Ku-band** for data-relay systems – after WRC-23

In 2027 possibly other frequency ranges – such as C-band – allowed

Parts of L-band MSS inter-satellite link might be removed



"loT-alike' standards-based connectivity



We co-fund a number of data relay projects

We would be interested in additional projects that demonstrate the use of standards (e.g. Lora/NB-IoT NTN/NR NTN/IAB) in such data relay topologies

