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## Future telecom sats as a new paradigm for satellite industries and operators

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In Europe OHB is the third large satellite manufacturer. There are currently 33 satellites under manufacturing, and 10 companies are part of the OHB Group. There is not a single growth factor that contributed OHB becoming one of the most successful space industries present in Europe and one of the most interesting to work with: A lean organization, a focused long-term vision, a system-oriented team, and an international mindset. After this phase that leads OHB among the satellite manufacturer leaders, the revolution currently ongoing is related to the telecommunication satellites. What we are trying to implement, and we are well on track, is a new paradigm based on few strategic lines that can be summarized as follows:

- Standard platforms for all telecom sats
- Use of COTS available on the market
- Electric propulsion as a basic configuration for future satellites
- Development of Electra satellite, taking benefit from equipment developed on last projects

What is currently under development with Electra is a brand new concept, not paper based but exactly substantiated with a strong technical background and will be shown in the present paper.

The telecom sats fleet currently under development at OHB will be also presented, as well as the roadmap for a unified satellite platform that could match satellite capabilities and operator needs. This mutual growth will provide an exceptional added value to the market, including disclosing new opportunities for both governmental and commercial customers.

### Biography

Antonio G Accettura has a MS in Aerospace Engineering from University of Rome "La Sapienza". He is Project Procurement Manager for Galileo in OHB, a premier satellite manufacturer. Previously he worked in AVIO, Arianespace, ELV and Alenia covering several positions from technical to business development domains. He has published more than 40 papers in reputed journals and conferences and has published a book in the frame of advanced space propulsion technologies.

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