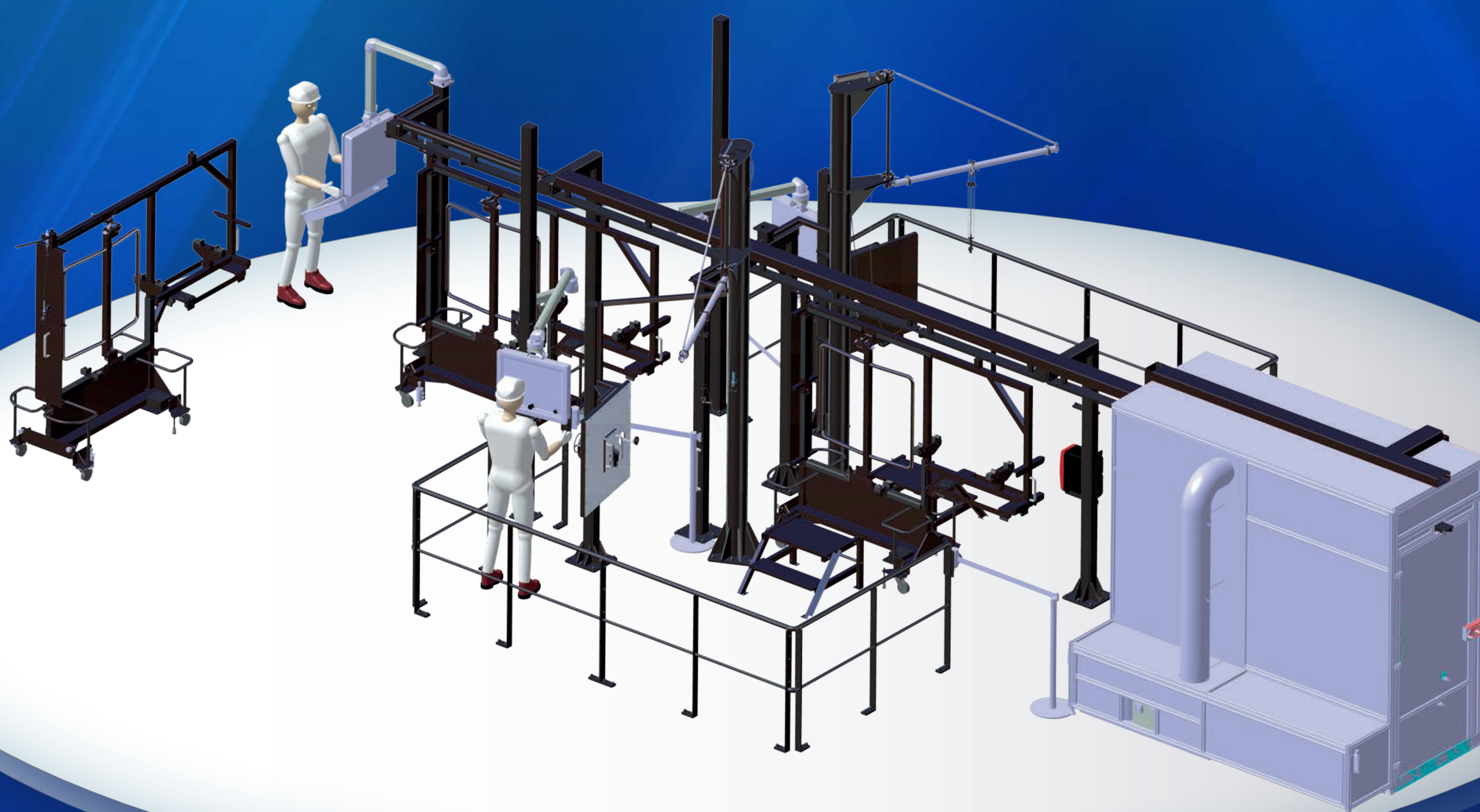


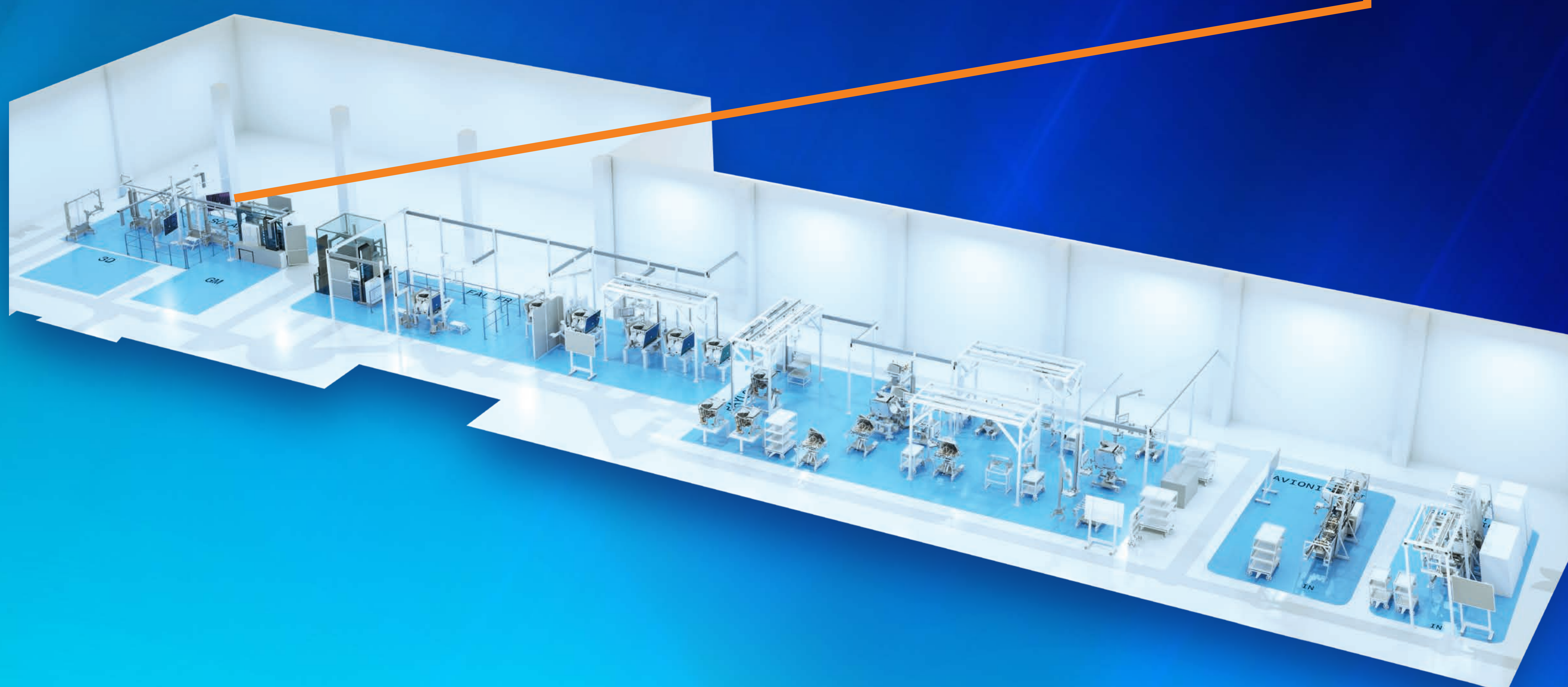


# OneWeb Satellites



## SOLAR ARRAYS

- Solar arrays wings assembly
- Deployment test
- Functional & lightening test
- Transfer by guided trolleys
- Fully tested to be delivered to the SC Final Assembly Line



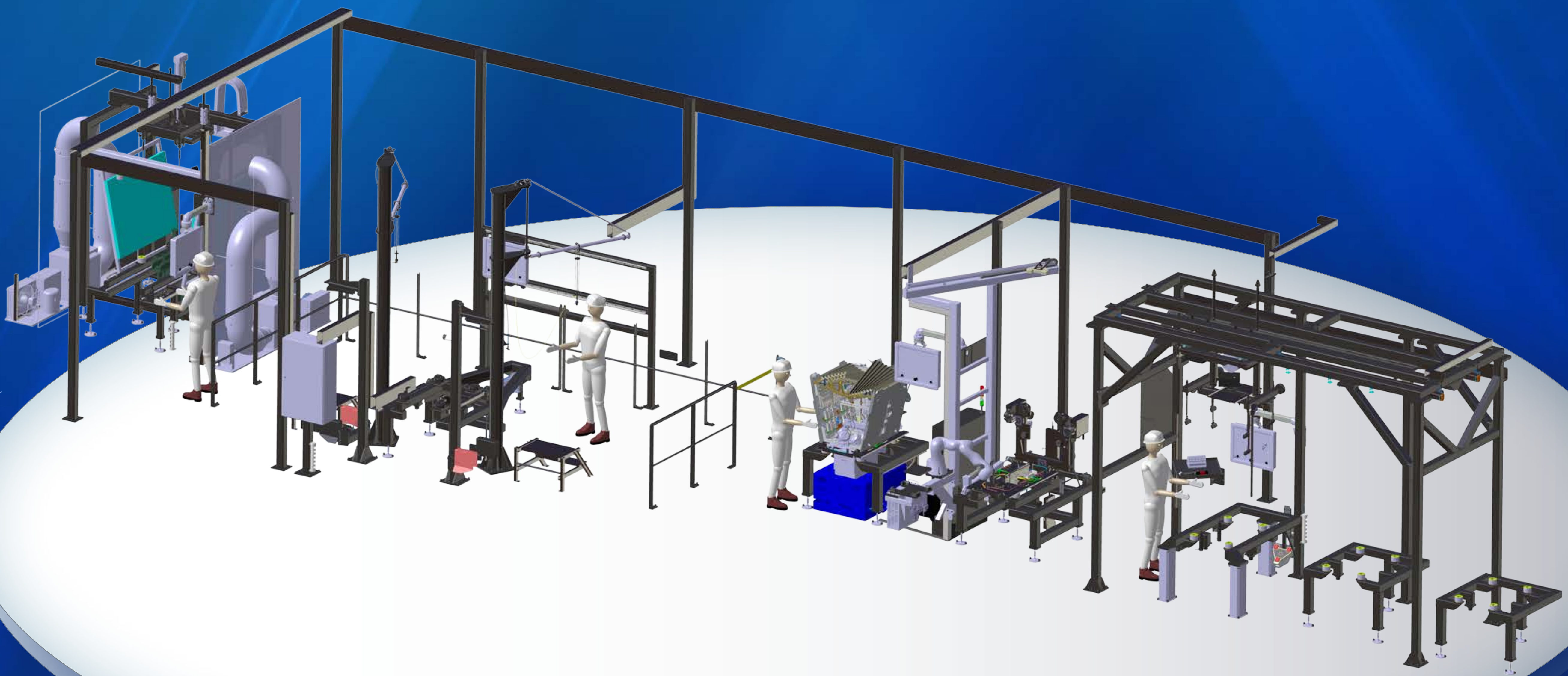
**OneWeb**  
ACCESS FOR EVERYONE

**AIRBUS**



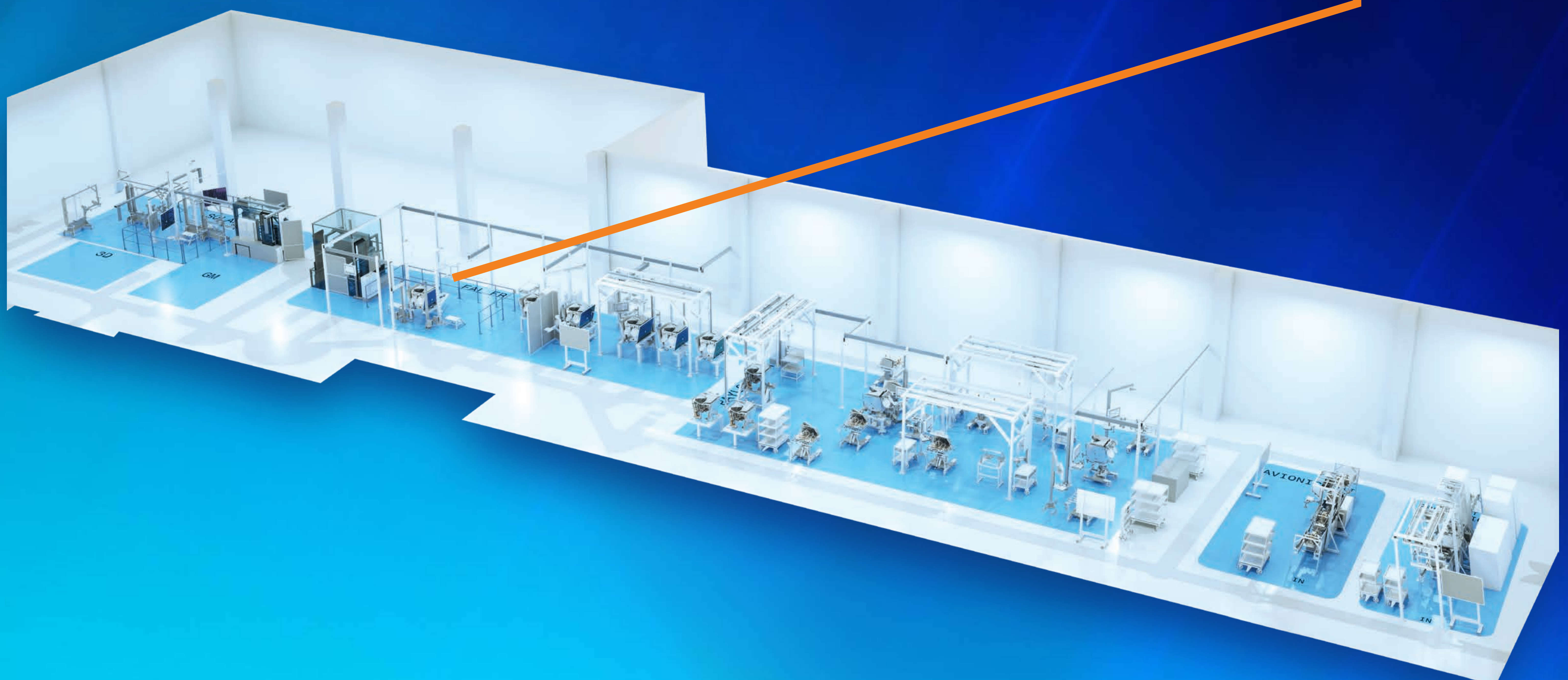


# OneWeb Satellites



## FAL

- Coupling of different modules together
- DITL (thermal test) of Avio/Payload sub-assembly
- Final completion: battery, MLI, crossing heat pipe..
- Automated 3D measurement
- Flight software customization
- End-to-end functional test & flight S/W loading
- Xenon loading
- Transfer by Auto Guided Vehicles (AGV)





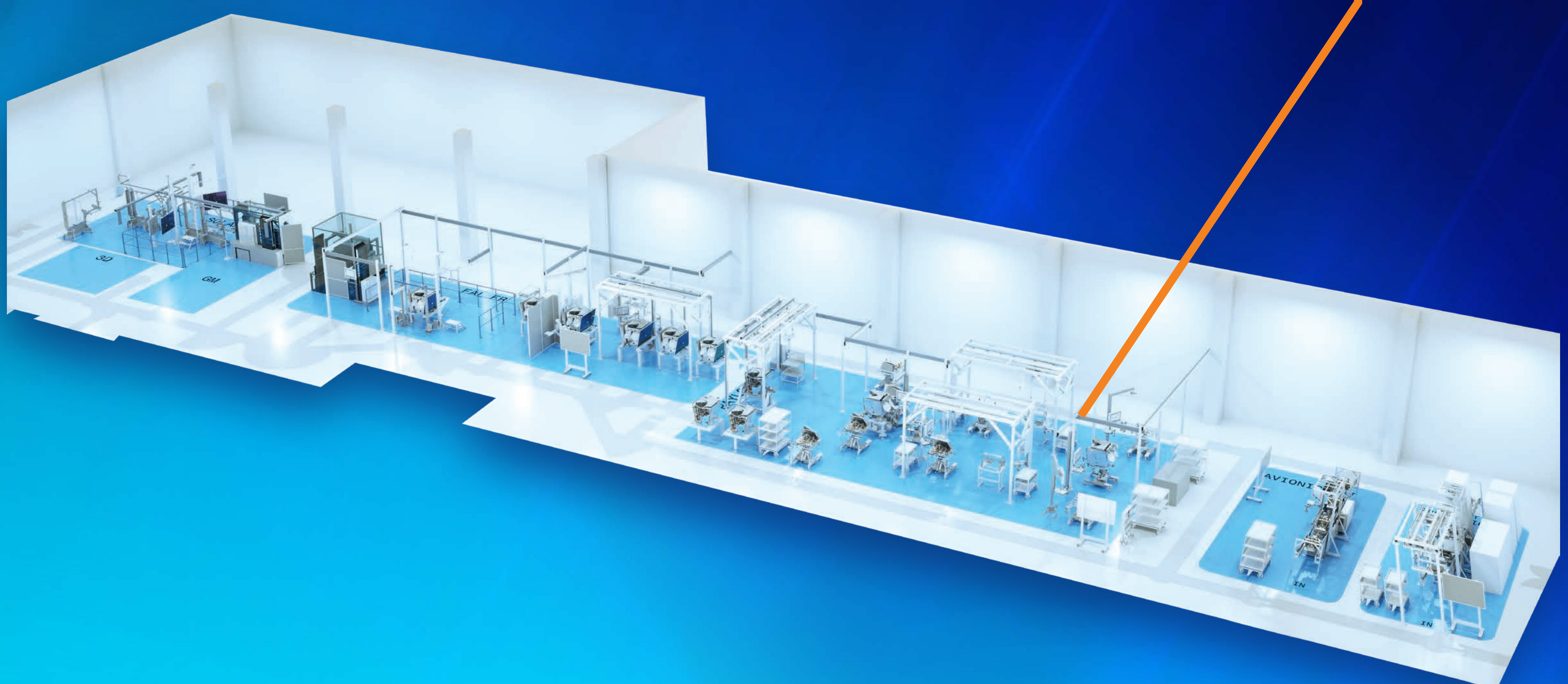


# OneWeb Satellites



## PAYLOAD

- Three payload sub-modules assembly in parallel
- Two Ku and Gateway sub-modules coupling
- Ka antenna Integration
- Ambient RF functional test
- Minimize workmanship errors
  - Automatic Camera inspection
  - Geolocalised torqueing (smart tools)
  - Guided kinematic with gantry cranes
- Fully tested to be delivered to the SC Final Assembly Line





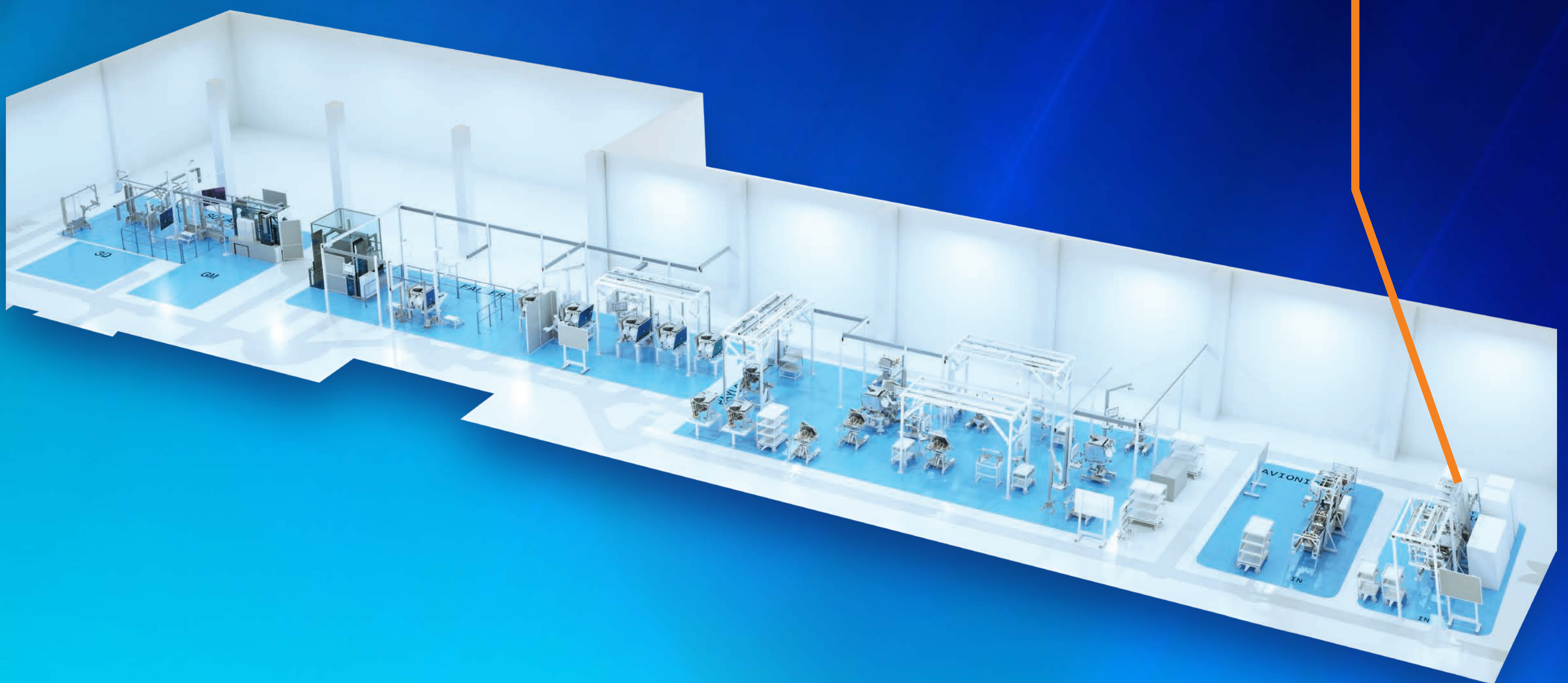
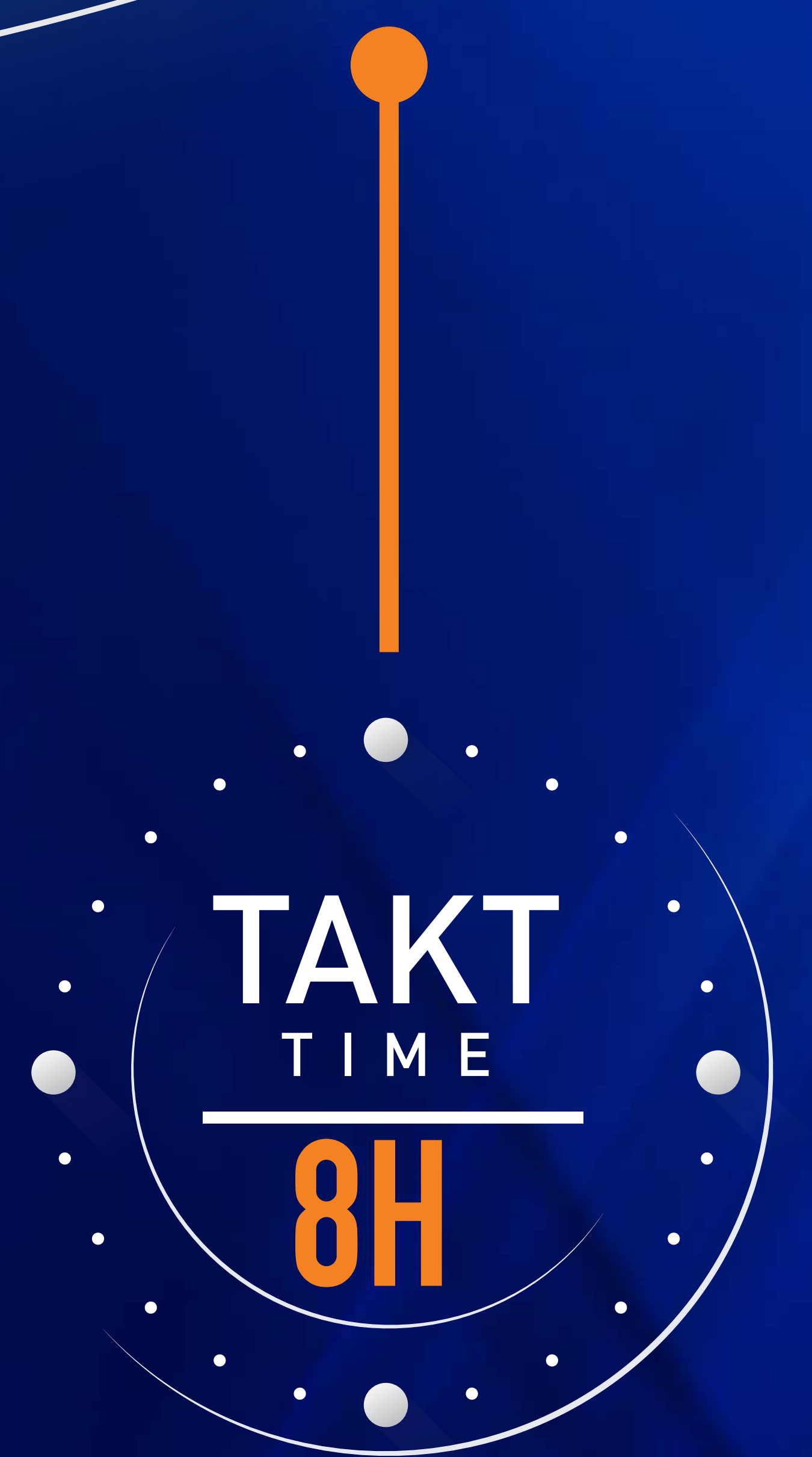


# OneWeb Satellites



## PROPULSION

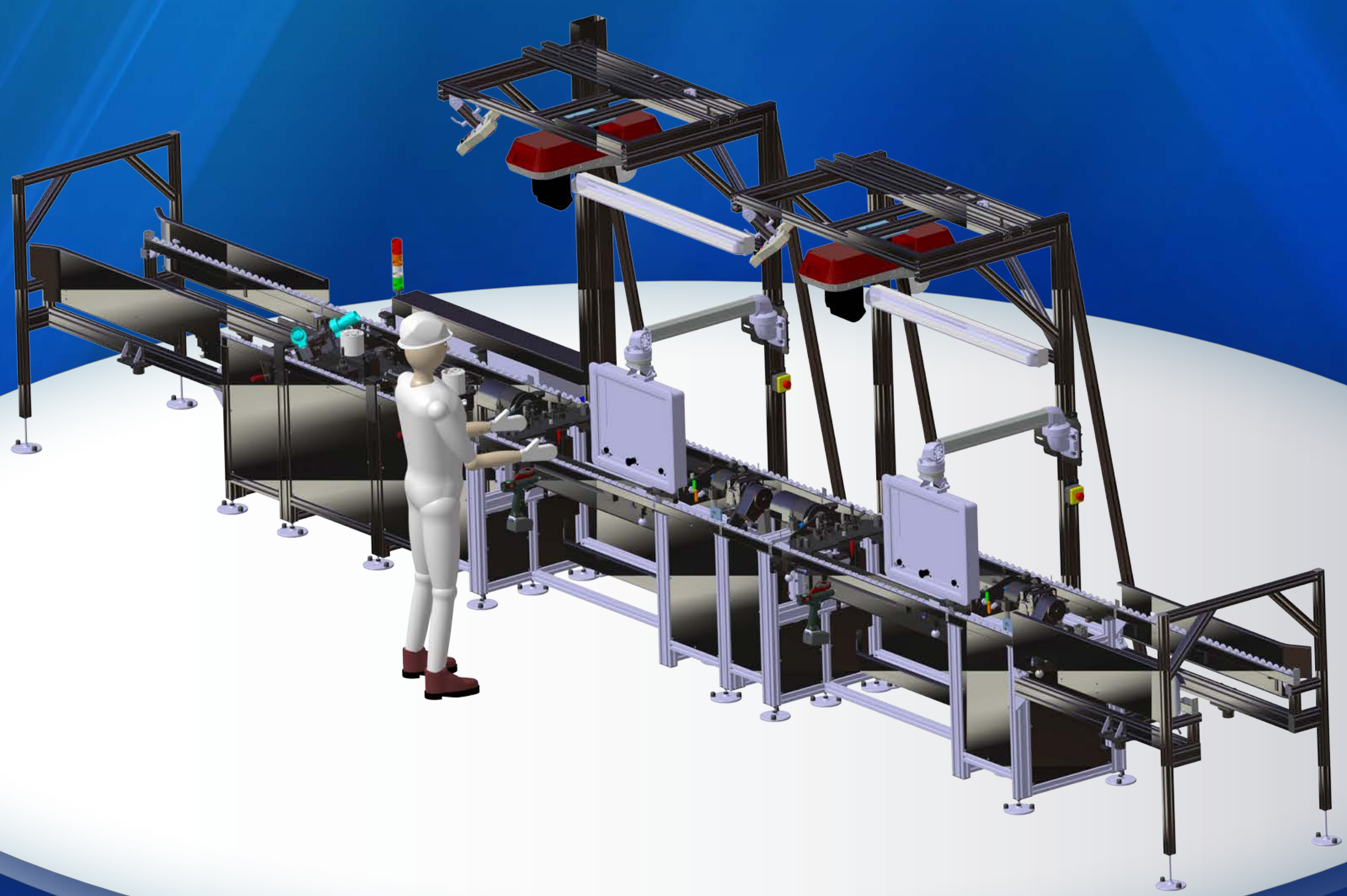
- Integration of propulsion module
- Functional tests
- Proof test, leak & flow rate test with helium
- Minimize workmanship errors
  - Automatic Camera inspection
  - Geolocalised torqueing (smart tools)
  - Guided kinematic (conveyors)
- Fully tested to be delivered to the SC Final Assembly Line







# OneWeb Satellites



## AVIONIC

- Integration of the Avionic module
- Functional test (automatic connection and test setup)
- Minimize workmanship errors
  - Automatic Camera inspection
  - Geolocalised torqueing (smart tools)
  - Guided kinematic (conveyors)
- Fully tested to be delivered to the SC Final Assembly Line

