



# THE NEW SPACE THROUGH THE EYES OF AI

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HUNGARY**

welcome





## NEW SPACE AGE





# → NEW SPACE DOMAINS

## SPACE EXPLORATION & HUMAN SPACEFLIGHT



## EARTH OBSERVATION



## SPACE SITUATIONAL AWARENESS



## TELE- COMMUNICATION



## SPACE TECHNOLOGIES & SERVICES



## DEFENCE (DUAL-USE) APPLICATIONS







# SPACE AI REVOLUTION

Edge AI in orbital Big Data

Satellite Traffic Management

Zero Debris

World of Internet (6G)

Defence Autonomy & Awareness





# SCALE-UP OF NATIONAL SPACE ECOSYSTEM







# VERTICALLY INTEGRATED SPACE PORTFOLIO



**REMRED**  
SPACE TECHNOLOGIES



**HDT** HUNGARO  
DigiTel



**HDT** HUNGARO  
DigiTel



**4iG** SPACE  
& DEFENCE  
TECHNOLOGIES

## 4iG SPACE AND DEFENCE TECHNOLOGIES PLC. HOLDING

**SPACE SYSTEM  
DEVELOPMENT  
& PRODUCTION**

**GROUND  
INFRASTRUCTURE  
& MISSION  
OPERATIONS**

**LAUNCH  
PROVISIONING  
THROUGH  
PARTNERS**

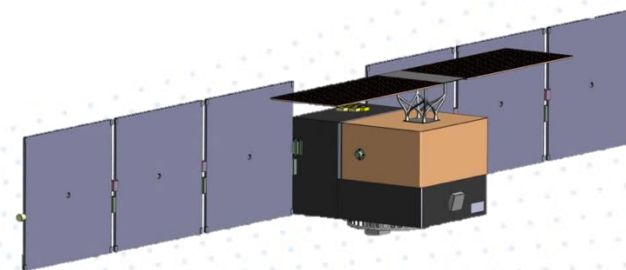
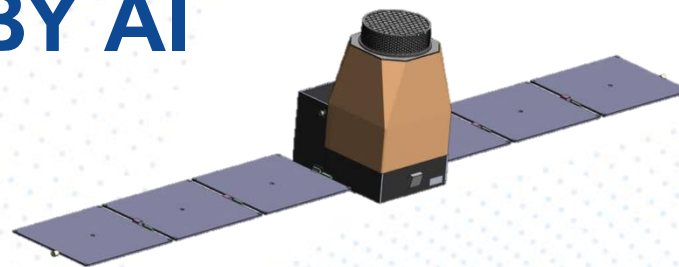
**SATELLITE  
COMMUNICATION  
SERVICES**

**SATELLITE  
EARTH  
OBSERVATION  
SERVICES**



# → COMPETENCE DEVELOPMENTS ACCELERATED BY AI

SmallSat Platform Technologies  
Development (**REMSAT**)



Space Technology Competence  
Center Establishment (**REMTECH**)

Ground Segment & Mission  
Operations Development (**HUNOPS**)



Earth Observation Data Utilisation  
Development (**GEODATA**)

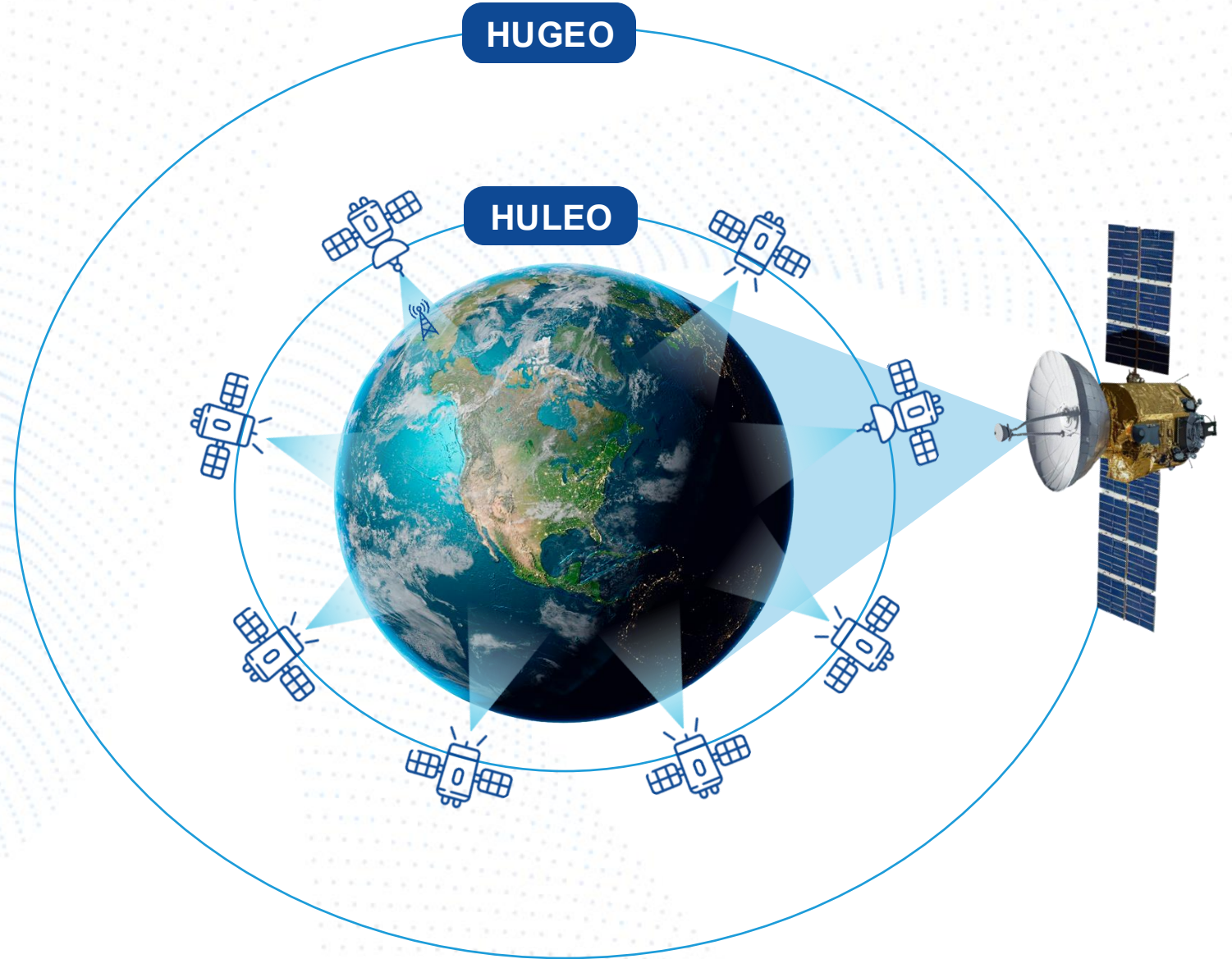




# HUSAT

## Hungarian Commercial Satellite Program

*Earth Observation  
Telecommunication*







## MoonRAD

### Lunar Commercial Satellite Services

*Space Situational  
Awareness*

*Space Exploration*





”The human adventure  
is just beginning!”

Gene Roddenberry



SPACE  
& DEFENCE  
TECHNOLOGIES

REMRED  
SPACE TECHNOLOGIES

