

# SpaceWire

Over 40 missions, of all types  
Over 100 Satellites



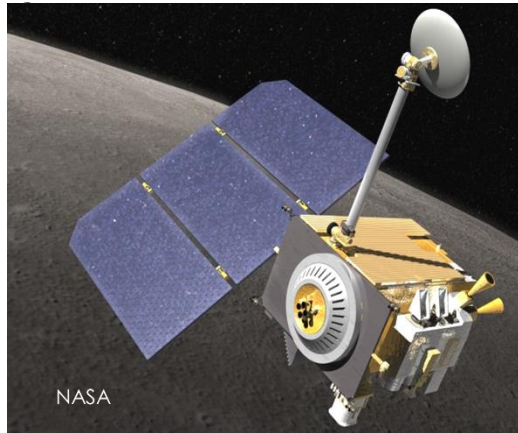
4Links people have been continuously involved in the evolution from transputer links, through IEEE 1355, to SpaceWire

Lunar Reconnaissance Orbiter  
2009

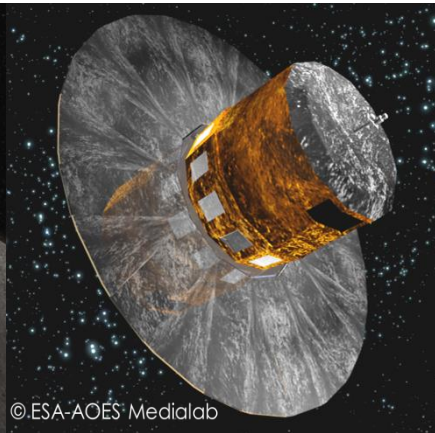
Gaia 2013  
SpaceWire

ASTRO-H  
SpaceWire

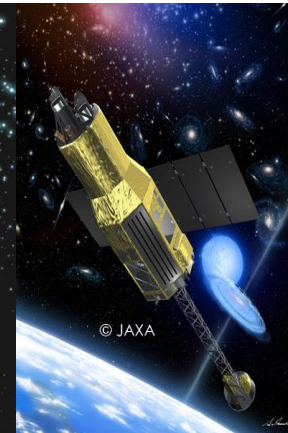
James Webb Space Telescope  
SpaceWire



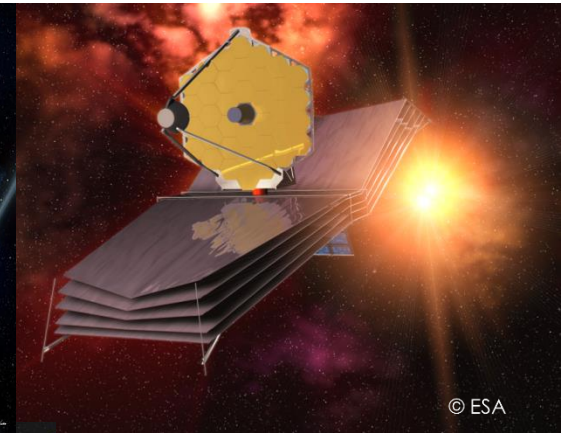
NASA



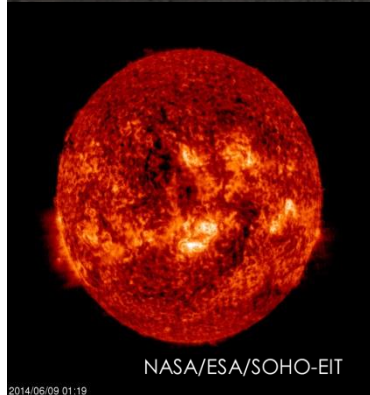
© ESA-AOES Medialab



© JAXA

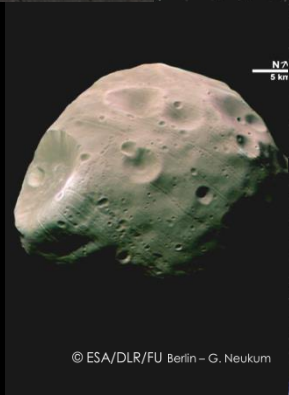


© ESA

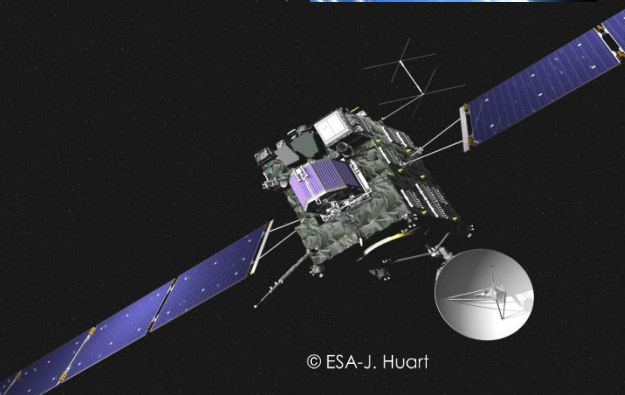


NASA/ESA/SOHO-EIT

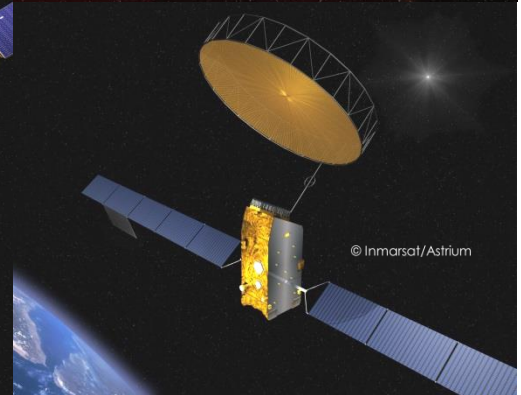
2014/06/09 01:19



© ESA/DLR/FU Berlin - G. Neukum



© ESA-J. Huart



© Inmarsat/Astrium

SOHO 1995  
Transputer Links

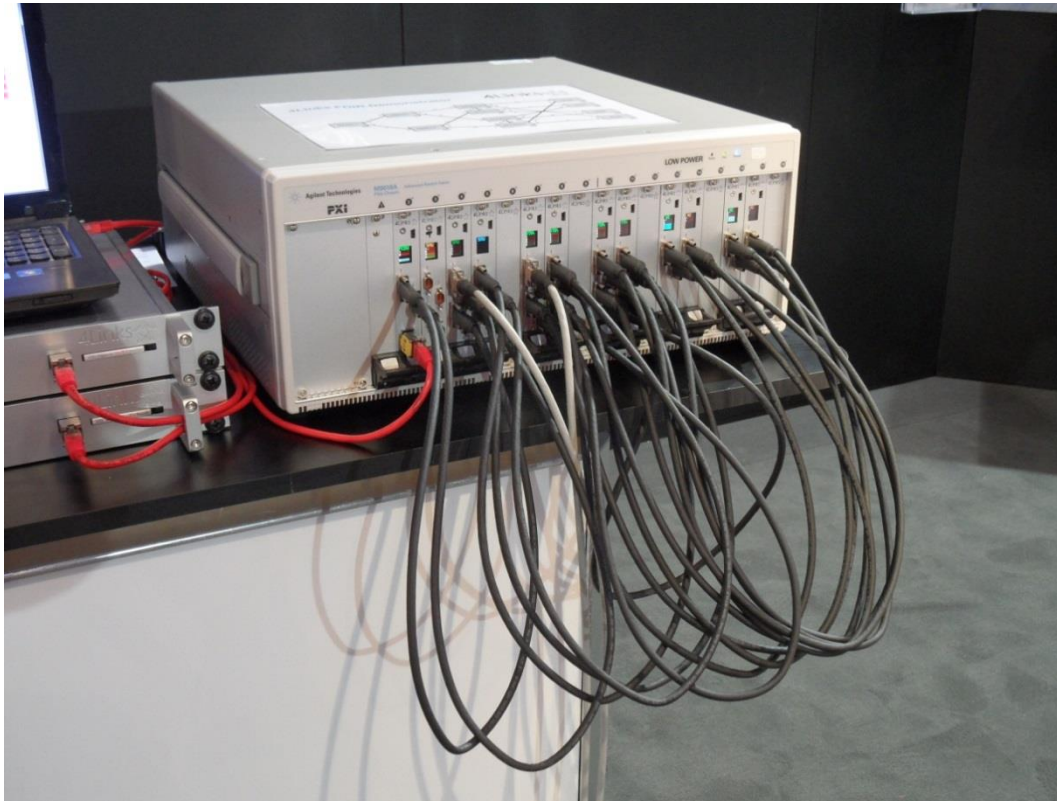
Mars Express 2003  
IEEE 1355

Rosetta 2004  
IEEE 1355

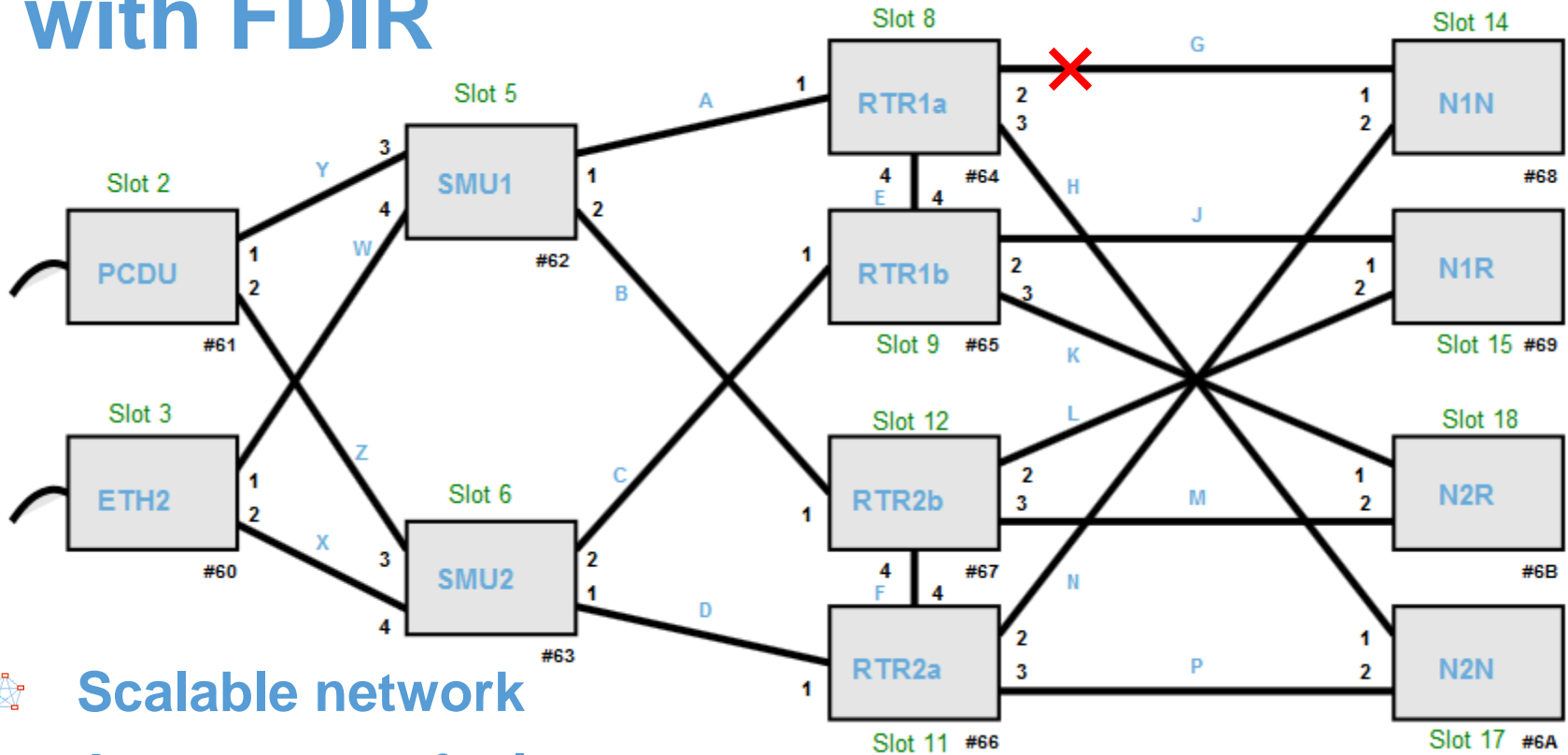
Inmarsat4 2005  
IEEE 1355

Images showing use of these technologies do not imply any connection of the missions with, nor any endorsement of, 4Links

# Simulate, Test, and Monitor all phases and types of mission



# Hardware implementation to simulate representative model of on-board Satellite Network with FDIR



Scalable network



Autonomous fault recovery



Automated verification test & report

# See FDIR, Spying, Verification at 4Links stand in Einstein

