

# Interplanetary Internet of the future

As human intelligence expands across the solar system, a robust communications network will develop in decades to come.

## NETWORK

A deep space network of long-haul communications links all the regional Internet systems.

## EARTH

A constellation of spacecraft observe its environment, sending data back.

## MOON

Its surface is explored in depth and remote outposts set up.

## SPACECRAFT

Each remote region is equipped with its own short-range Internet-like communications infrastructure. Some of the remote spacecraft act as relays to pass messages to other regions and to Earth.

## MARS

Robots swarm over its surface examining it and searching for life.

## ASTEROID

Spacecraft mine the surface and bring materials back to Earth.



Source: Compiled by NASA's Jet Propulsion Laboratory from multiple sources

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