

The Core Idea:

# AI as Your Habitat Co-Designer

A next-generation design system that turns conversation into creation.  
Our AI translates mission intent, constraints, and crew needs into habitat blueprints instantly, intelligently, and scientifically accurate. (Trained on nasa's Habitat data)



# It Begins with Earth's Voice.

Every mission starts with a sentence.

“Six crew. Mars orbit. 180 days.”

The AI interprets these parameters, simulates feasibility, and begins shaping the foundation of a livable habitat, no CAD, no coding, just context and computation.



# Design That Evolves with Every Word.

As you talk, the blueprint grows - each reply refining rooms, paths, and systems. Sleep zones quiet down, labs light upwees light time.



**The Input:**

# Describe Your Mission.

**Define where, who, and for how long.**

**The system adapts each plan to mission type, Lunar Surface, Deep Space, or Mars Transit, generating layouts that balance comfort, safety, and resource efficiency.**

**Destination: Mars**

**Crew: 6**

**Duration: 180 days**

# Design Space Habitats Through Conversation.



Welcome to Voronova Space  
Habitat Designer! I'm your AI  
assistant. Let's design your space  
habitat step by step. First, what is  
your mission destination?

## Mars Transit

Journey to Mars

## Lunar Surface

Moon base operations

## Deep Space

Long-term space exploration

## Asteroid Mining

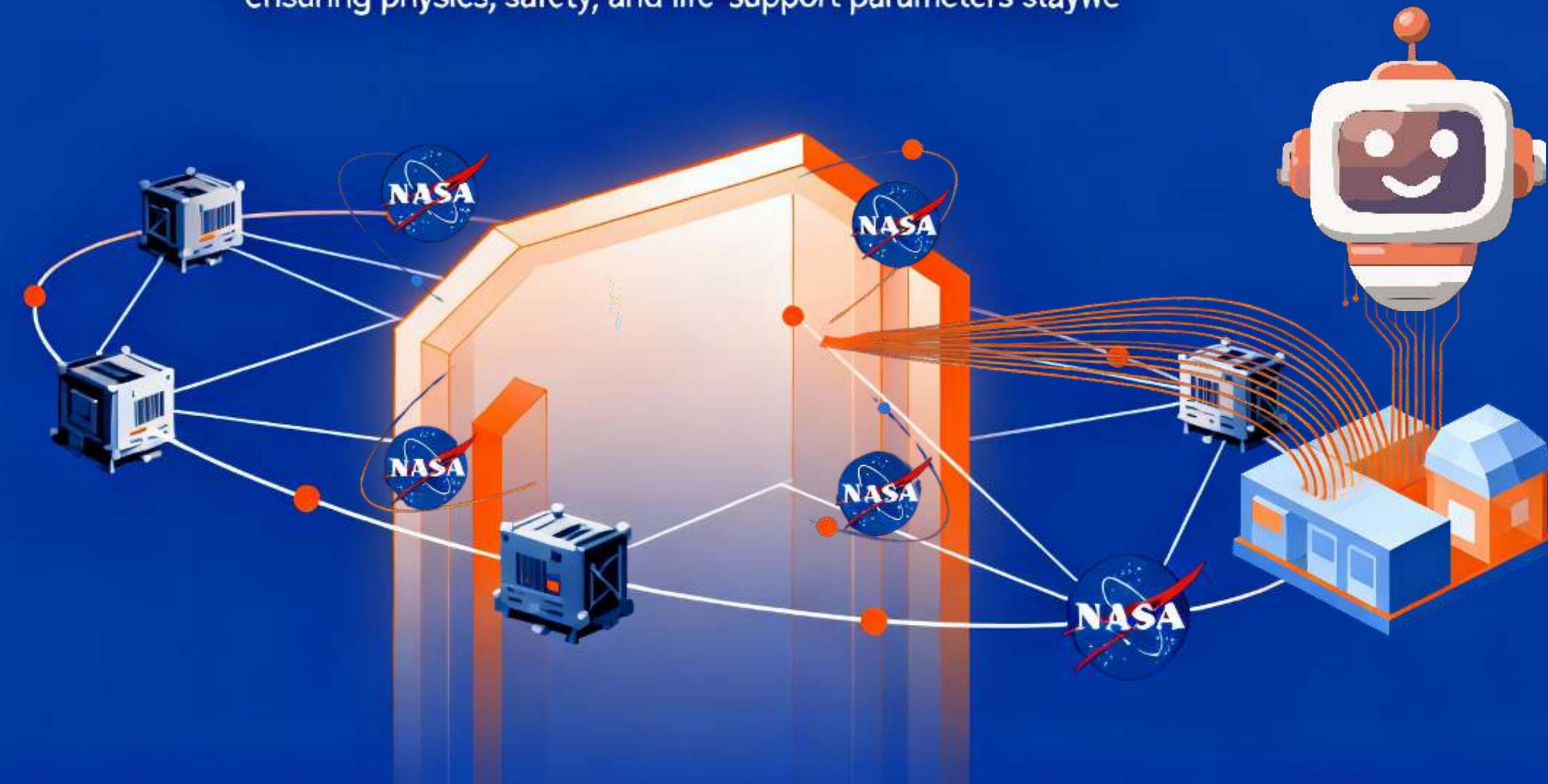
Resource extraction missions



The Engine:

# Trained on NASA Data.

Our LLM uses NASA's open datasets — Apollo, Artemis, ISS —  
ensuring physics, safety, and life-support parameters staywe



# The Design Comes Alive!

The app instantly draws the habitat showing where to sleep, eat, and work out. Green lights mean everything fits perf



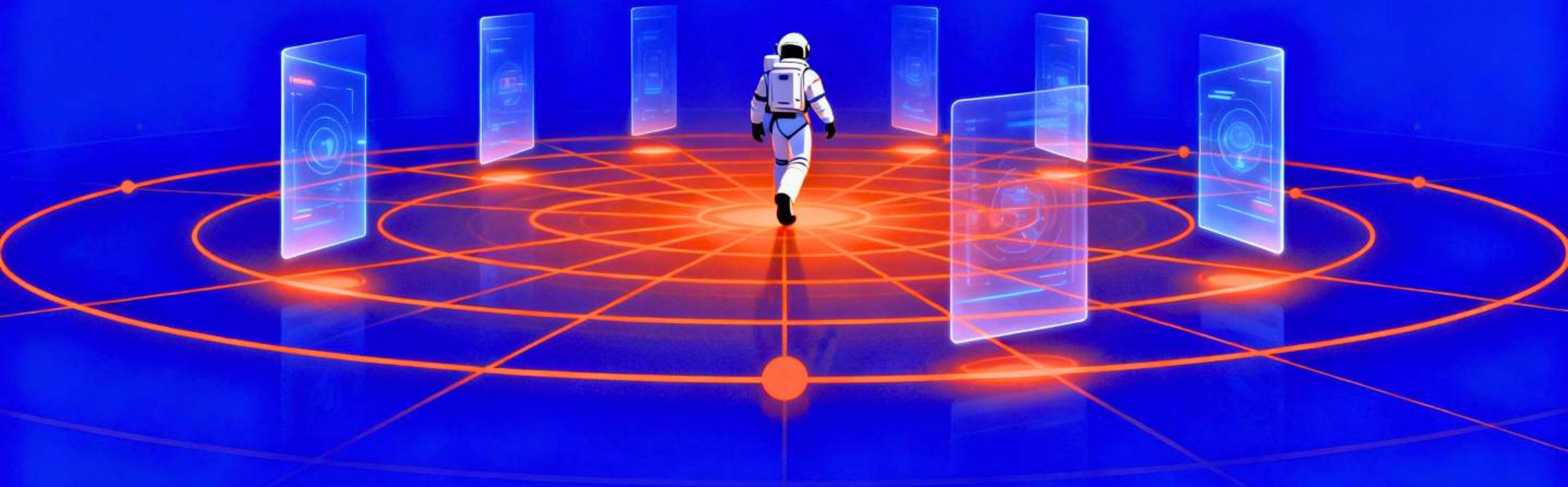
The Experience:

# Walk Inside Your Idea.

Switch to 3D and step into your concept.

View, rotate, and test each component in lunar or Martian gravity.

Every object auto-scales to NASA's verified dimensions , design meets physics in real time.





The Future:

# A Living Blueprint for Life Beyond Earth

This isn't just a tool — it's a gateway for researchers, engineers, and dreamers to co-design humanity's next home togem.

Co-create the cosmos.