

The Peraton logo is displayed in white text against a dark blue background. A thin green horizontal line passes through the middle of the letter 'a'.

**Space 2.0**

**Mark Adams, Vice President**

**Technology & Engineering**

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# Modern Day Education and Technology allows you to: *“Design Your Own Future”*





# SPACE

From keeping satellites safe, to landing spacecraft on Mars, to keeping the most distant satellites connected to Earth, we know what it takes to lead in the final frontier.

*Credits: NASA, ESA, CSA, and STScI*

# PERATON COMPLETES SUCCESSFUL SATELLITE GROUND TERMINAL PROTOTYPE TEST

"What can you do in preparation for something that's never been attempted? Well, you do the can't be done," said Program Manager Jason M.

# PROVIDING THE LINK BETWEEN MANKIND AND THE MOON

With the successful launch of the uncrewed Artemis I spacecraft November 16, NASA teams realized the first step in a series of missions setting the stage for humanity's return to the Moon and beyond.



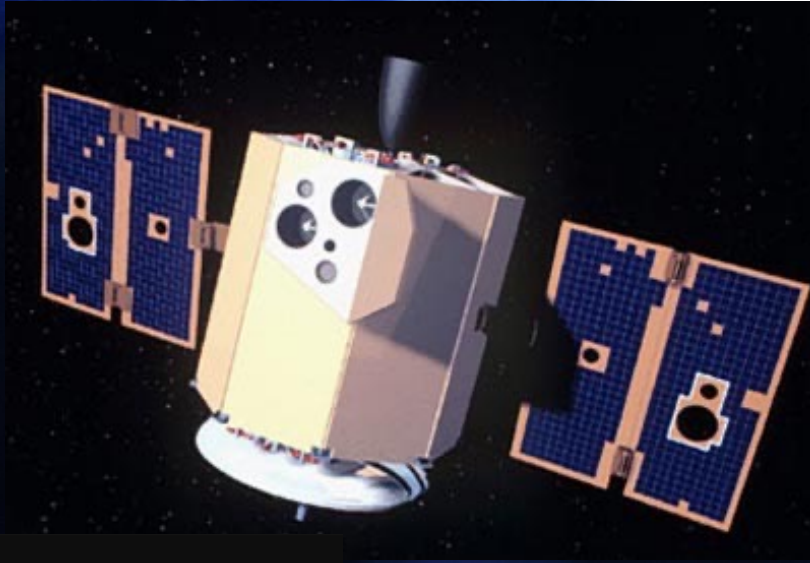


**Survey Question: “How Important are Space Investments to the future of Mankind”**

- A. Not very important**
- B. Somewhat important**
- C. Very important**

# Smaller – Faster – Cheaper Space System

## *1994 Clementine Program*



## Key Technologies:

Advanced Risk Processors

Solar Panel Technologies

High Resolution Multispectral Sensors

Forward Chaining Inference Engine (Autonomy)

## Critical Discoveries

Advancements in Miniaturized Sensors

Star Tracking Technologies for Celestial Positioning

IP-Networking in Space

Advanced Power Systems

Full Mapping of the Moon Surface

Evidence of Ice on Moon in Polar Region





**SP<sub>(ace)</sub> REALESTATE**



UNITED STATES  
**SPACE FORCE**

**SP<sub>(ace)</sub> PROTECTION**



**SP<sub>(ace)</sub> LIFE**





## **Key Technologies:**

**Material Sciences**

**Life Sciences**

**Advanced Processors**

**Power Systems**

**Integrated Sensors Systems**

**Artificial Intelligence**

**Machine Learning**

**Autonomous Systems**

**Advanced Communications**

**Data Processing**

## **Critical Accomplishments:**

**Dress Rehearsal for Future Manned Missions**

**Successful Validation of Technology**

**Critical Information on Performance**

**Technology Maturation**

**Operational Training**



# Space 2.0

*“Design Your Own Future”*



Climate Science



Cosmology



Space Exploration



Space Protection





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## Questions ?

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