GITAl's Robotics as a Service for Lunar Infrastructures Providing Safe and Affordable means of labor in Space!



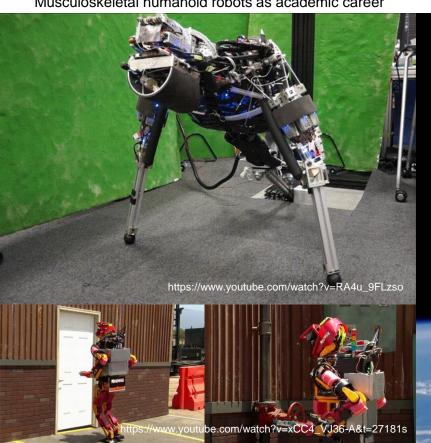


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Why Robots in Space?!



Musculoskeletal humanoid robots as academic career

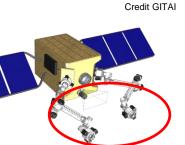






Product intro<INCHWORM ROBOT>





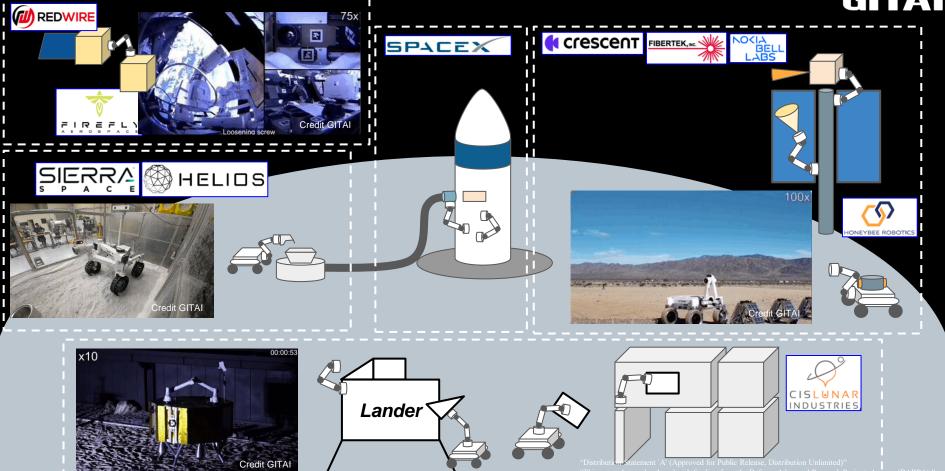
Lunar domain
Inchworm on Rover

GITAI



RaaS on lunar economy





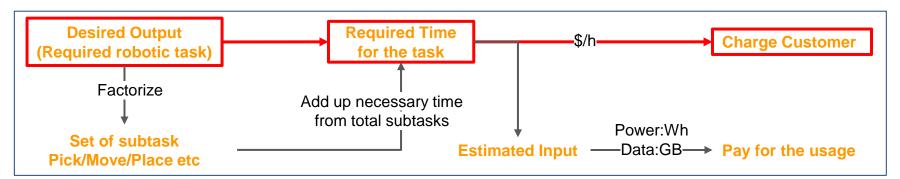
Executive Summary



We propose the concept of Robotics as a service(RaaS).

The metrics we'd like to propose for our service is \$/hour

1 Pick	2 Move	3 Place
Perception(Computer Vision) Robust Fiducial Marker Detection	Motion Planning Joint Angle Limit Avoidance Self Collision Avoidance Trajectory Caching	Verification Joint Angle Sensor Contact sensor Camera View



Issues in Space Industry

Cost of transportation has been improving.

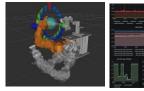


[All pictures on this page belong to GITAI]

What next? → Issue of high cost for labor

Vertically Integrated Design

Software







Avionics







Mechatronics





Design/Production/Testing in LA





Mature Key components

Technology verified at ISS



Lunar measures(TRL4)



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