

# OnSight

Virtual Visit to Mars



Jet Propulsion Laboratory  
California Institute of Technology



1  
00:00:00,200 --> 00:00:01,134



2  
00:00:01,167 --> 00:00:04,671  
"OnSight: Virtual Visit to Mars"

3  
00:00:06,772 --> 00:00:11,511  
This mixed-reality software lets  
NASA scientists walk on Mars.

4  
00:00:14,947 --> 00:00:18,418  
OnSight takes real images of  
Mars from the Curiosity rover

5  
00:00:18,451 --> 00:00:21,087  
and turns them into  
a 3D landscape.

6  
00:00:24,657 --> 00:00:27,293  
Curiosity mission scientists  
can virtually study rocks

7  
00:00:27,326 --> 00:00:29,462  
and the rover's path...

8  
00:00:29,495 --> 00:00:31,364  
...or work together on Mars

9  
00:00:31,397 --> 00:00:34,401  
with scientists anywhere  
in the world.

10  
00:00:35,201 --> 00:00:37,970  
The software was  
developed by NASA JPL

11  
00:00:38,003 --> 00:00:39,939  
for the Microsoft HoloLens.

12

00:00:44,343 --> 00:00:49,215

In the future, OnSight will be adapted for the Mars 2020 rover.

13

00:00:49,248 --> 00:00:50,716

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