

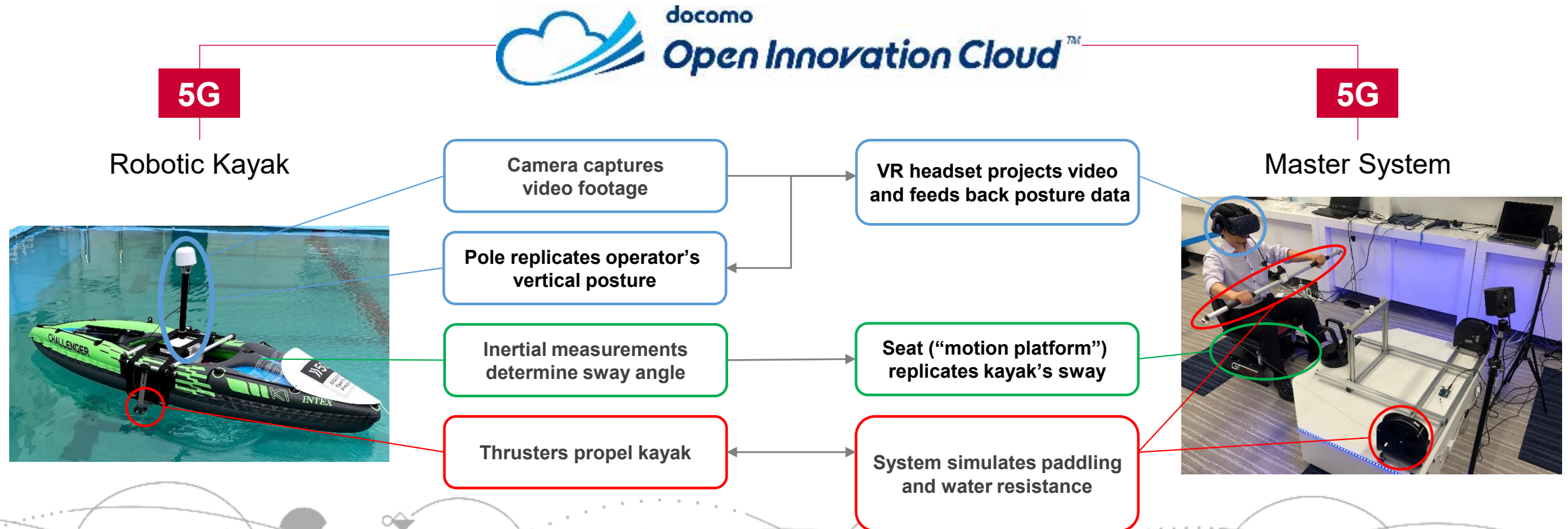
# **Virtual Kayaking Enabled with 5G and BodySharing<sup>®</sup> System**

**- Remotely operate robotic kayak  
while experiencing floating and paddling sensations -**

NTT DOCOMO, INC.

# Virtual kayaking with 5G and BodySharing®

Users remotely paddle a camera-equipped kayak via a 5G network. By using the BodySharing® system developed by H2L Inc., users are able to feel the physical sensations (water resistance, sway when paddling, etc.) from the paddle and the movement of the kayak. With the same technology, physical sensations can also be used to interact with virtual avatars, robots or even other human beings.



## Travel experiences

- Virtual travel to experience exotic locations and nature even when travel is restricted
- New tourism services for the elderly, physically challenged and other mobility-impaired people



## Tourism promotion

- Virtually stimulate inbound tourism even under travel restrictions and in off-season
- New tourism resources that convey much more information than conventional 2D images





## Proprioception capabilities for sensing body positions and movements



The background features a complex geometric pattern of light gray lines and shapes. It includes various triangles, circles, and rectangles, some of which are filled with a fine grid pattern. The overall aesthetic is technical and modern.

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