

The background is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. They are located in the top-left, bottom-right, and bottom-center areas of the slide.

# DIGITAL TWINS

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# WHAT IS DIGITAL TWIN?

A DIGITAL TWIN IS A DIGITAL REPLICA OF A LIVING OR NON-LIVING PHYSICAL ENTITY  
(SOURCE: WIKIPEDIA)

DIGITAL TWIN CAN BE USED TO SIMULATE ACTUAL DEVICES BEFORE THEY ARE BUILD BUT ALSO SIMULATE ACTUAL WORKING PHYSICAL ENTITY

DIGITAL TWIN USES TECHNOLOGIES SUCH AS IOT AND AI

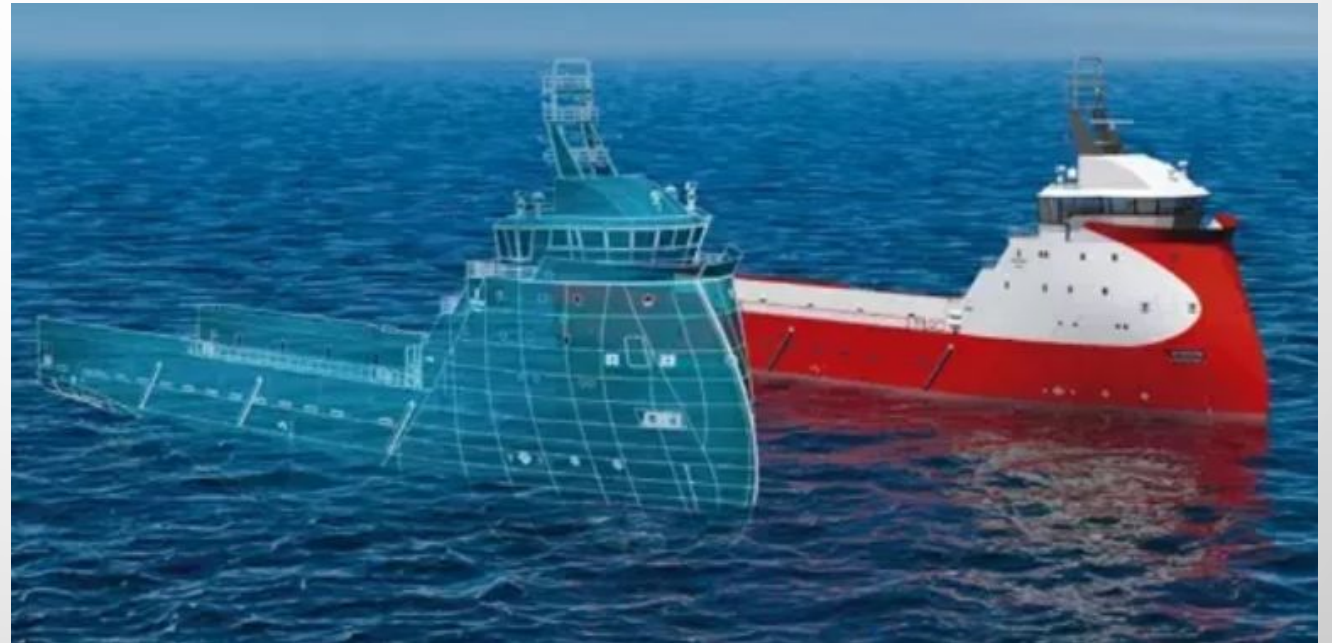


# HOW DOES DIGITAL TWIN WORK?

SENSORS IN THE PHYSICAL ENTITY GATHER DATA AND TRANSFER THE DATA (E.G. POSITION, CONDITION, STATUS) TO CLOUD.

THE DATA IS PROCESSED IN CLOUD-BASED SYSTEM AND DIGITAL REPLICATE IS PRESENTED

EXAMPLE: VEHICLE AS DIGITAL TWIN



VIDEO

DOUBLE VISION: USING 'DIGITAL  
TWINNINGS' TO PAIR VIRTUAL AND  
PHYSICAL WORLDS

