



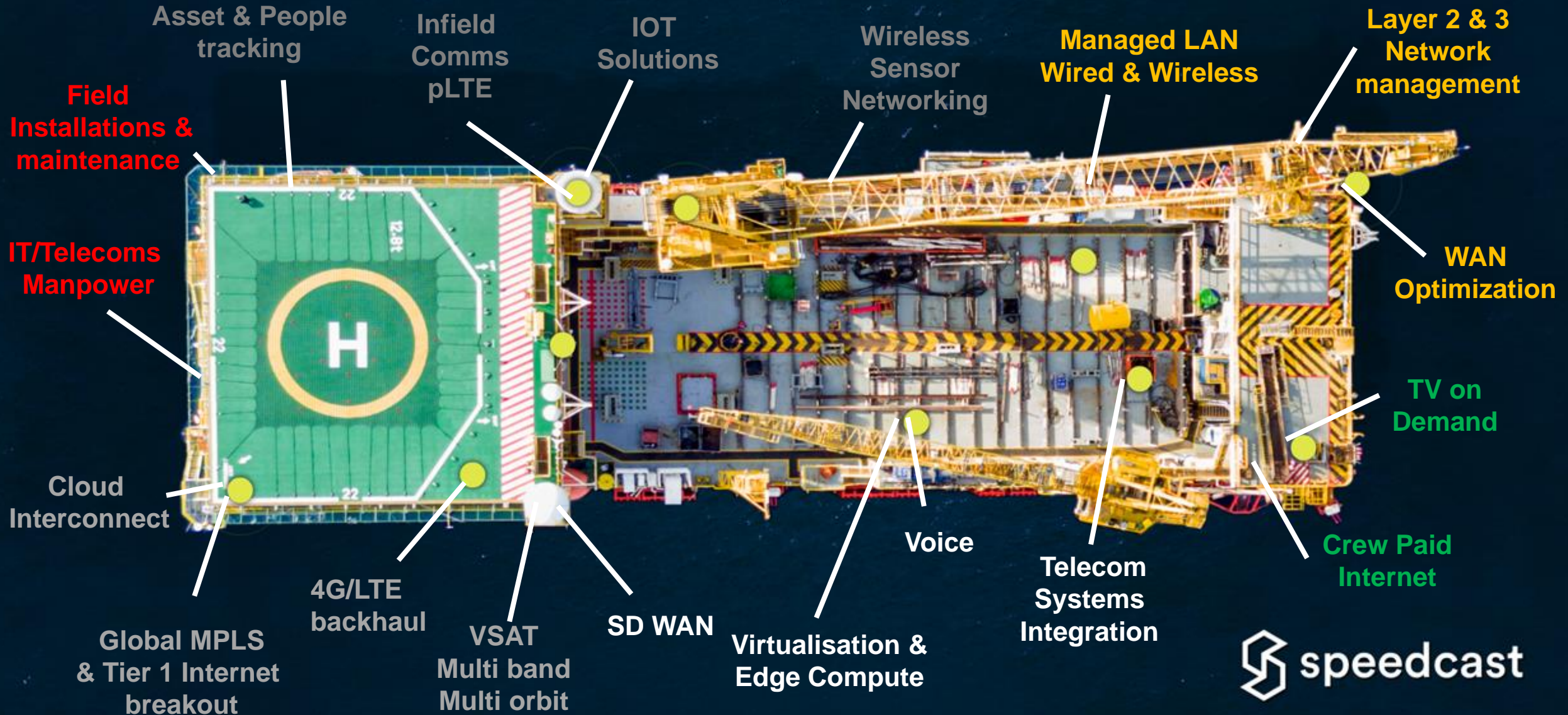
Digital Oilfield

Service Provider View

James Trevelyan – SVP Global Sales, Enterprise

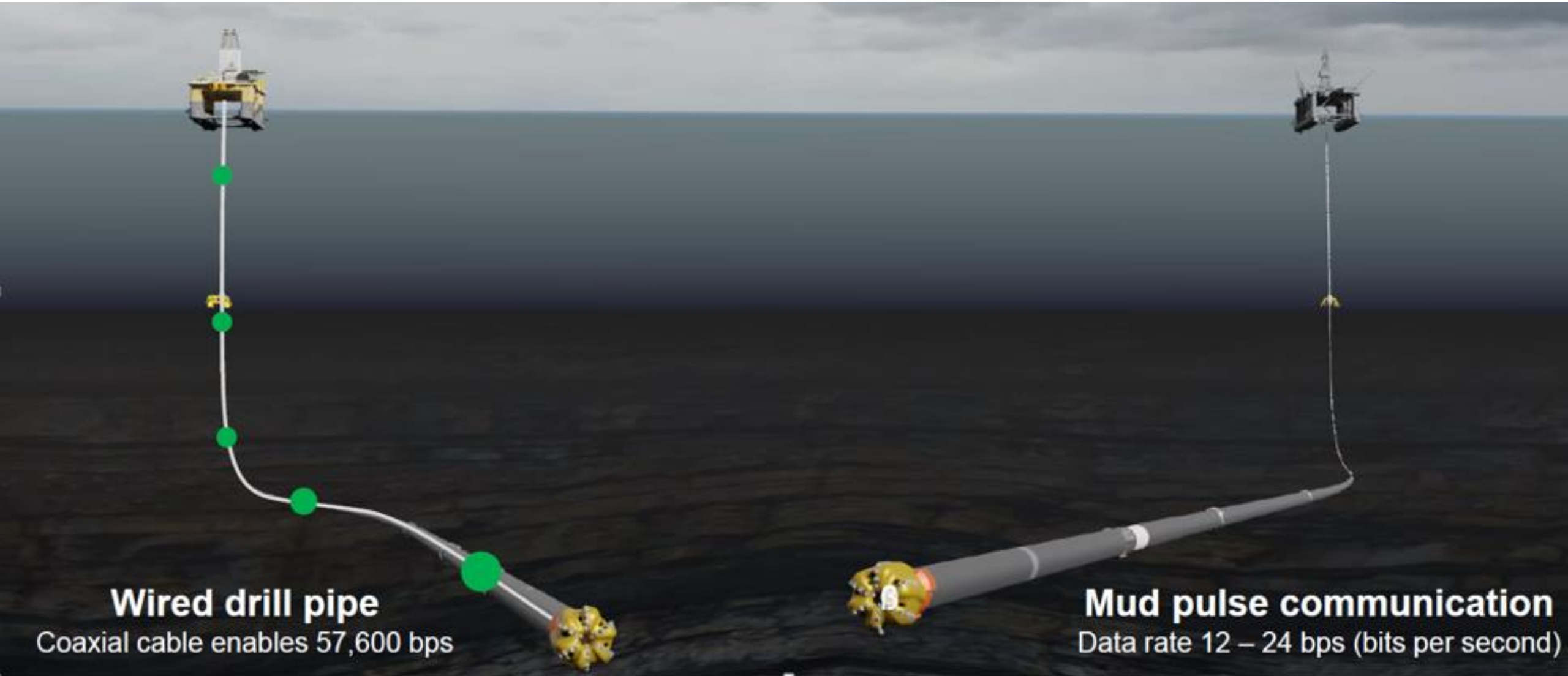
May 2020

Enabling the Digital Oilfield





Digital Growth Vectors: Data Collection



Wired drill pipe

Coaxial cable enables 57,600 bps

Mud pulse communication

Data rate 12 – 24 bps (bits per second)

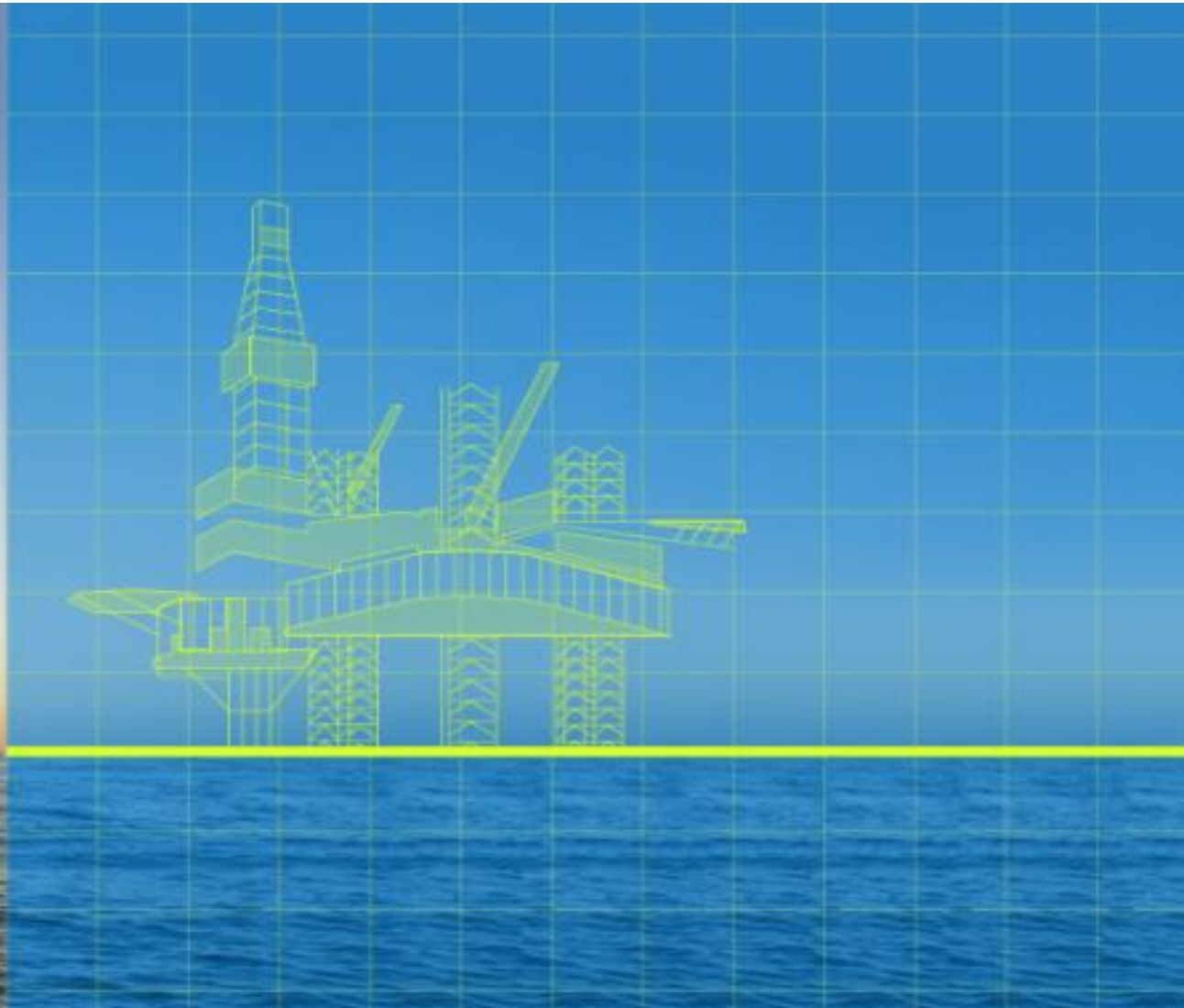


Digital Growth Vectors: Data Analytics





Digital Growth Vectors: **Artificial Intelligence**





Digital Growth Vectors: Automation



Spot robot is patrolling the oil rig. Credit: Aker BP (YouTube)



Digital Growth Vectors: **Digital Maintenance**





Enabler or Bottleneck?

AVAILABILITY
APPLICATION PERFORMANCE
CLOUD INTEGRATION
ALTERNATIVE NETWORKS