



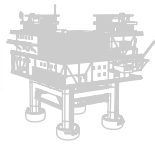
GLOBAL HEALTH CARE

AescuLink-

the solution for medical emergencies at remote locations

Offshore



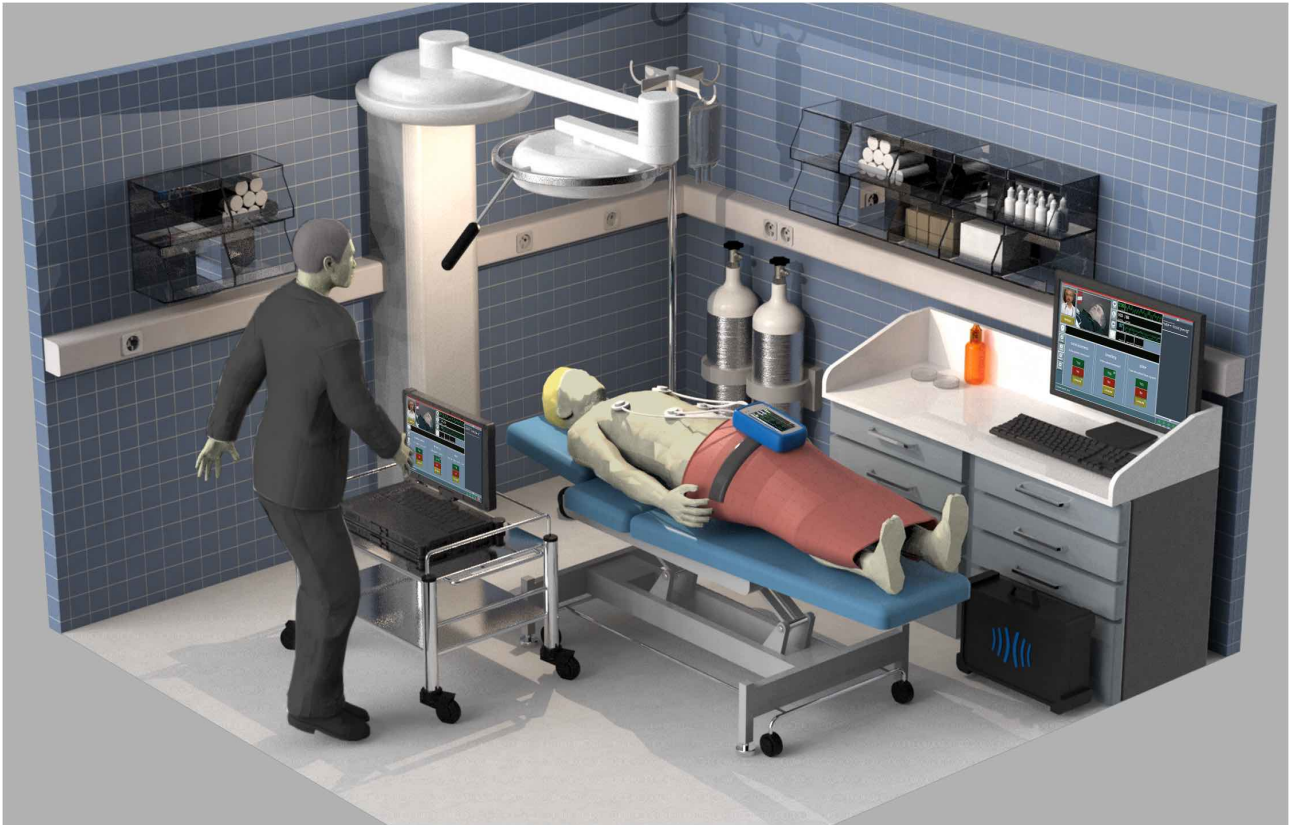
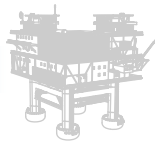


On an Offshore Accommodation Platform (OAP) in the North Sea at a distance to the shore of 80 km, the paramedic responsible for local first aid injures himself while boarding a Crew Transfer Vessel (CTV) whose destination is a construction site of an Offshore Wind Farm. The paramedic is in a great deal of pain and suspects he has a broken leg. Based on this information the captain of the CTV decides that a transfer to shore by his 20 m CTV is not possible, not only because it would take 3 hours but



Emergency on board

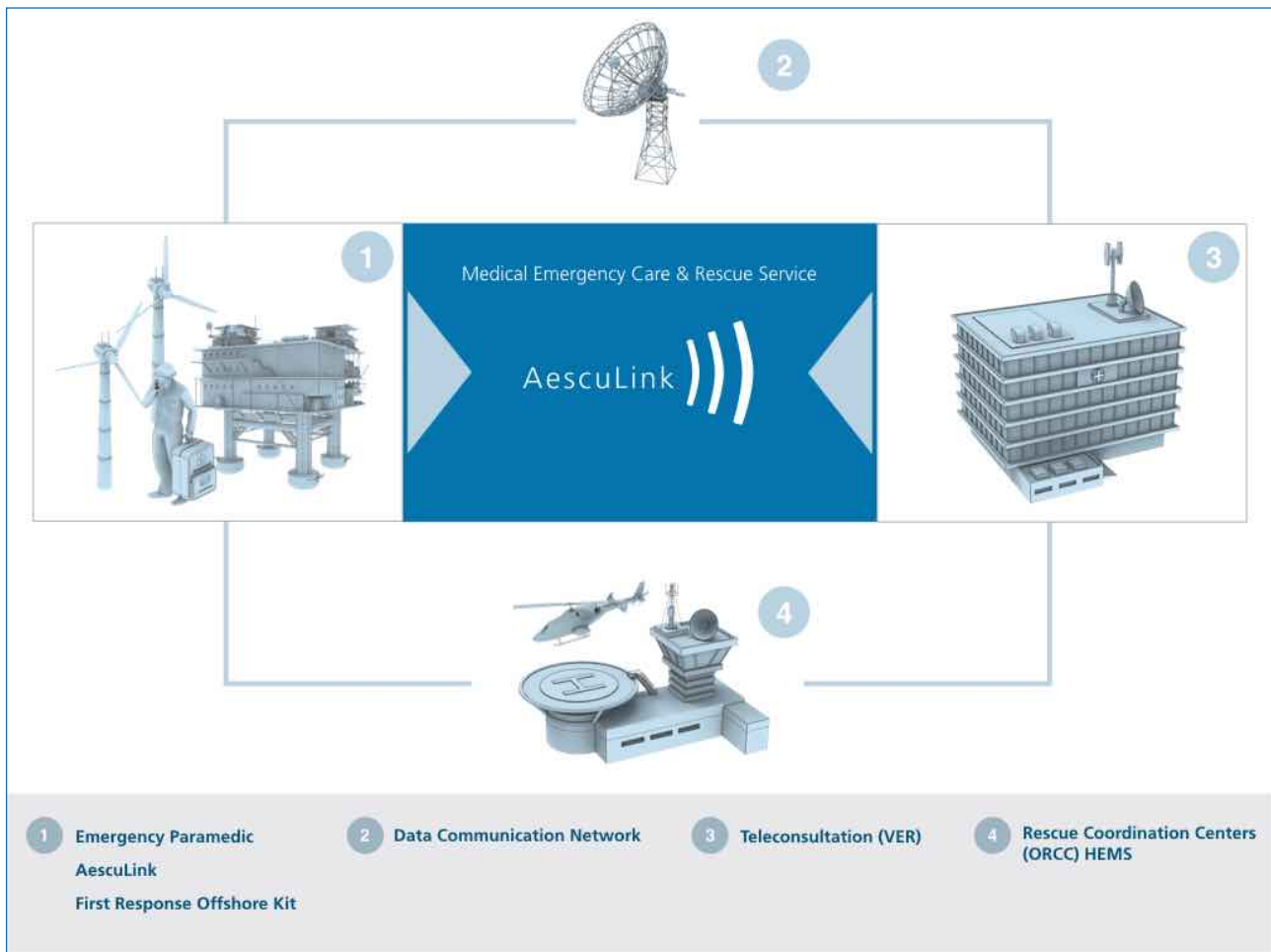
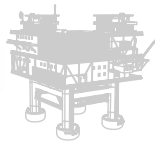
also because there is a strong rolling sea due to bad weather with no possibility for elementary medical care on board as the boat only has limited emergency care resources. In accordance with standard procedure, the platform manager decides on a transfer of the paramedic to the hospital facility of the OAP. He requests a colleague trained as a first responder offshore to contact the telemedicine emergency service provided by GHC for immediate support and detailed instructions on how to deal with the emergency.



Telemedical solution AescuLink

GHC, which has a 24-7 service, replies immediately. GHC's tele-doctor examines the paramedic in real-time by video and by analysing his vital signs as received over AescuLink - for example, 12-lead ECG, blood pressure, and oxygen saturation. Based on this highly reliable information GHC's tele-doctor can make a proper diagnosis. He describes to the first responder offshore exactly how to splint a leg. He also prescribes a painkiller. GHC's tele-doctor recommends a transfer by the Helicopter Emergency Medical Service (HEMS) to a hospital for a detailed examination and surgical treatment of the leg.

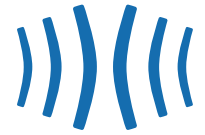
The platform manager calls the Offshore Rescue Coordination Center (ORCC) to order and coordinate the rescue by HEMS. ORCC also stays in contact with the telemedicine service of GHC for a running exchange of information. At the hospital a broken leg at knee height is diagnosed, but thanks to the immediate and correct medical care there are no complications.



Telemedical network

Conclusion:

- Until the arrival of the helicopter (50 minutes), the patient is examined by the tele-doctor and the required treatment is initiated so that complications in the subsequent surgery at the hospital can be avoided.
- By using telemedicine the operator ensures that its employees are provided with a seamless medical coverage in all possible situations, fulfilling both legal and regulatory requirements.



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