

Digital Transformation Journey in Upstream Oil & Gas

*Where to
start?*

Well
Uptime

License
to
Operate

Operation
Certainty

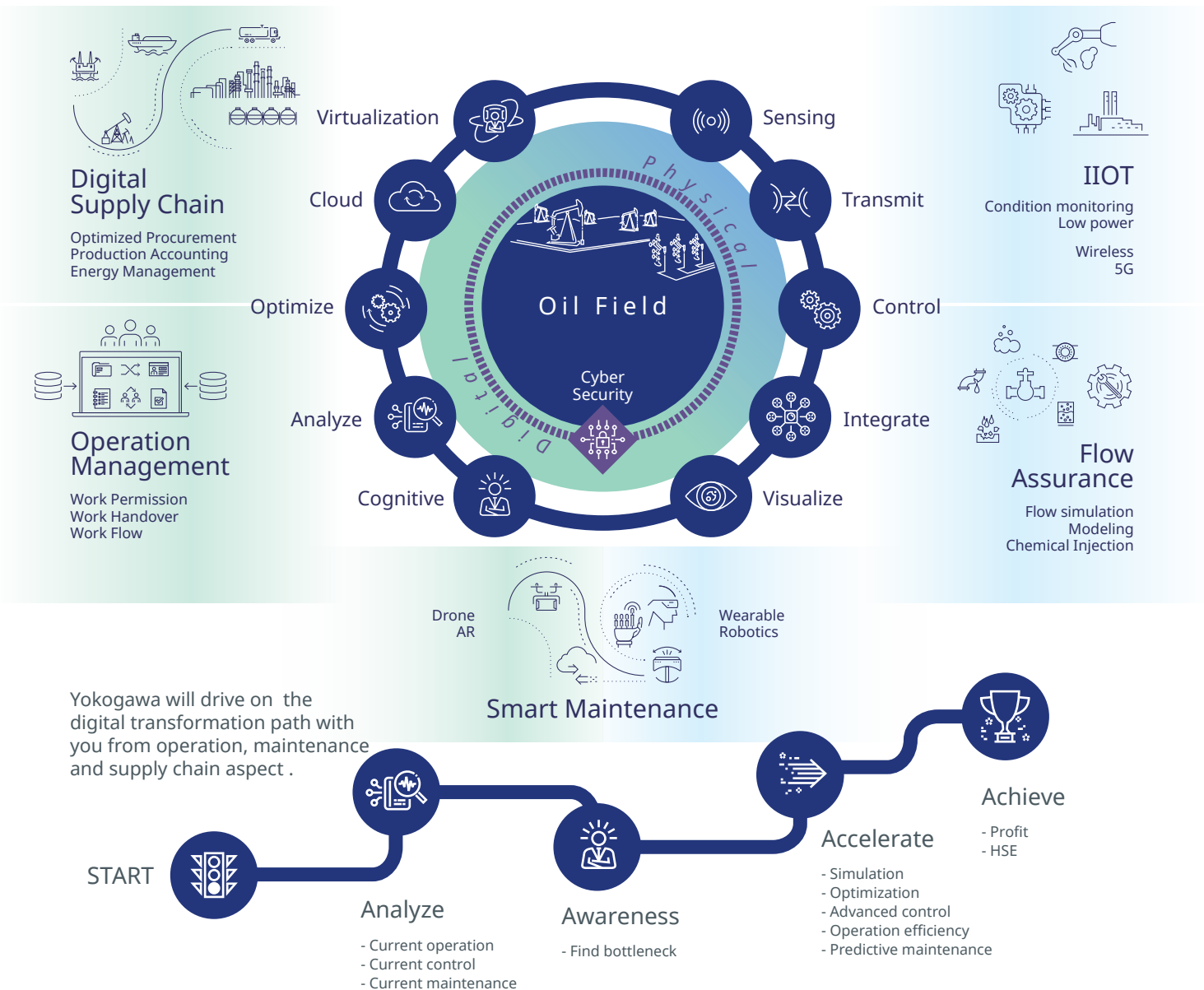
Build
Resilience

Digital Transformation is a trendy word in many industries including upstream fields. However, it is not clear when you face the actual implementation to your fields. It covers sensors, systems, simulations, modeling, and cloud computing to each layers such as controls, operation, maintenance, and supply chain. There are so many pathways for digitalization in your fields. As a result, it comes down to analyze the current status of your fields and find the path to be paved with good partner. Yokogawa is one of the biggest industrial automation vendors installing a number of systems/products globally delivered from Yokogawa manufacture. Not just physical devices, Yokogawa also provides the best-in-class consultations and solutions together with KBC Advanced technologies* which owns core digitalization technologies.

*KBC Advanced technologies is now a member company of the Yokogawa Group.

Accelerate Digital Transformation for your Resilient and Optimized Field

Digitalization is not one way to the goal. It is often go around back to the physical device installation for data acquisition. Vice versa, data such as pressure and temperature can be simulated using the process models, that is greatly helpful since the pipe and utilities modifications for sensors are not required. Digitalization is all about the data which requires the turn around the physical and digital circle. To change the digitalization to the benefits, physical control based on the simulated result from the digital twin plays a big role in the physical and digital circulation.



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<https://www.yokogawa.com/industries/oil-gas/upstream/>

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