



Edge Computing & The Future of Upstream Automation




Fahd Saghir
Industry Solutions Manager – Upstream Oil & Gas





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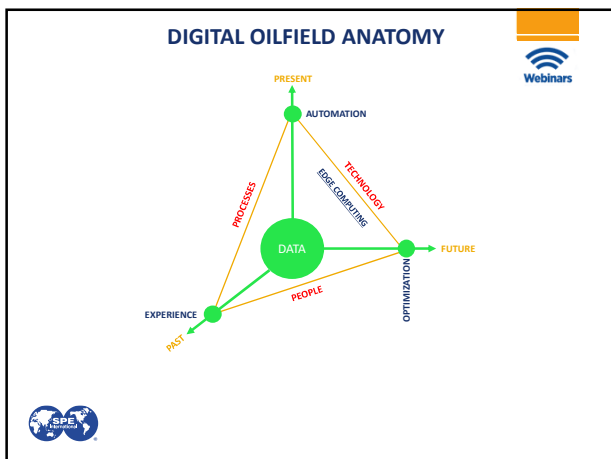


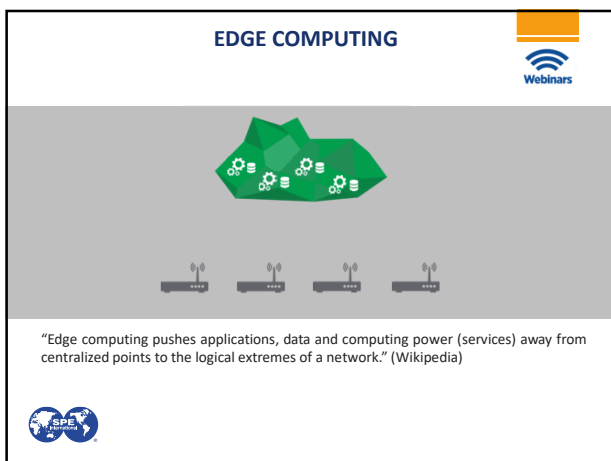
In his latest role, Mr. Saghir is responsible for outlining automation and software solutions for the Upstream Oil & Gas market and providing support to Schneider's regional/international teams with technical input which helps solve diverse Oil & Gas problems using the latest operation and information technologies. He is an Electrical Engineering graduate from the University of Houston who has 10+ years' experience in Upstream/Midstream/Downstream Oil & Gas sector where he has been providing Smart Field solutions to National and International Oil Companies. His focus has been in creating Optimization Solutions based on the latest hardware and software automation technologies for the Exploration, Production and Operations verticals within the Oil & Gas sector.

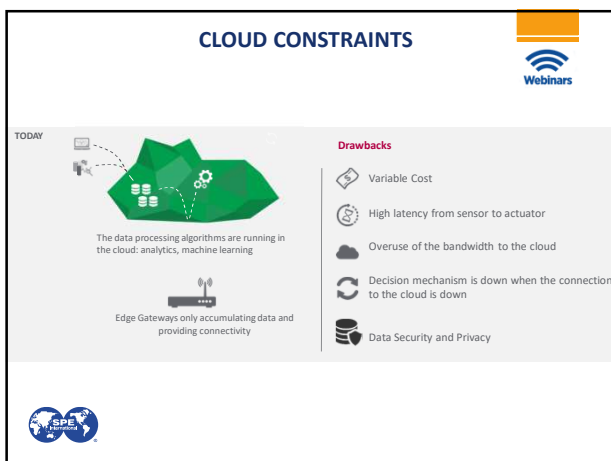


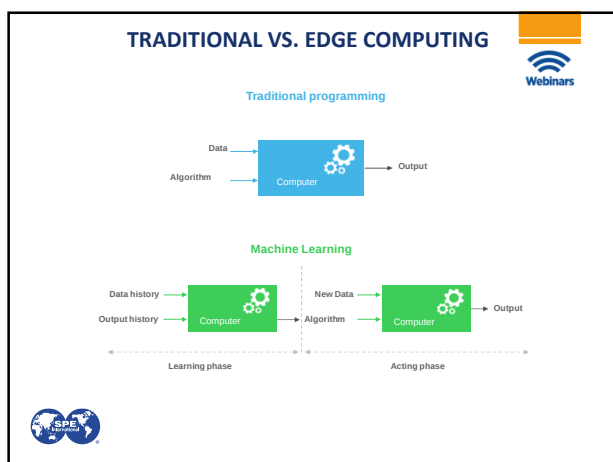
Fahd Saghir
Solution Manager,
Upstream Oil & Gas,
Schneider Electric

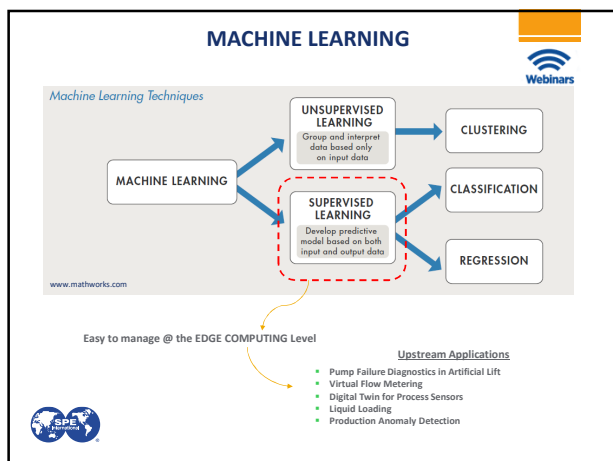


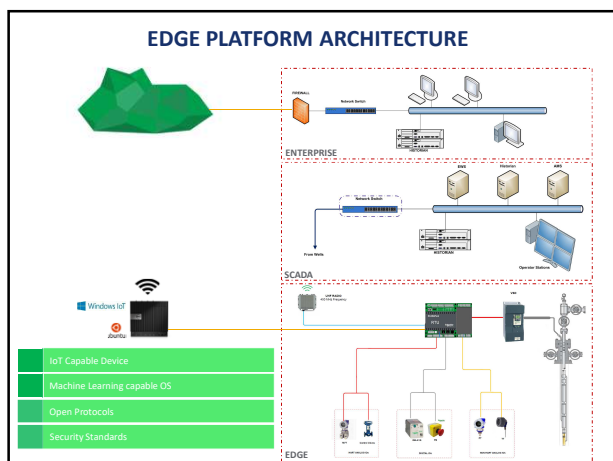


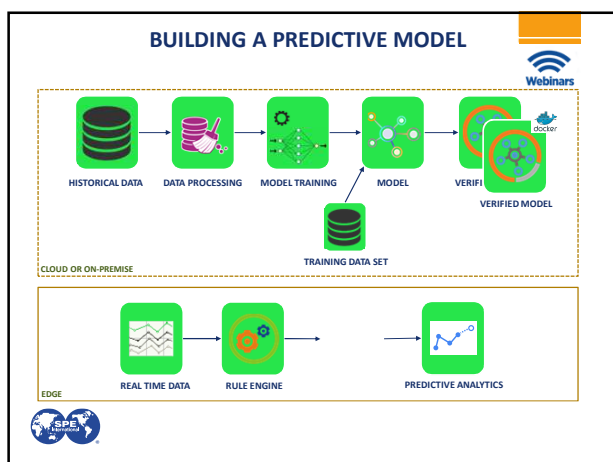


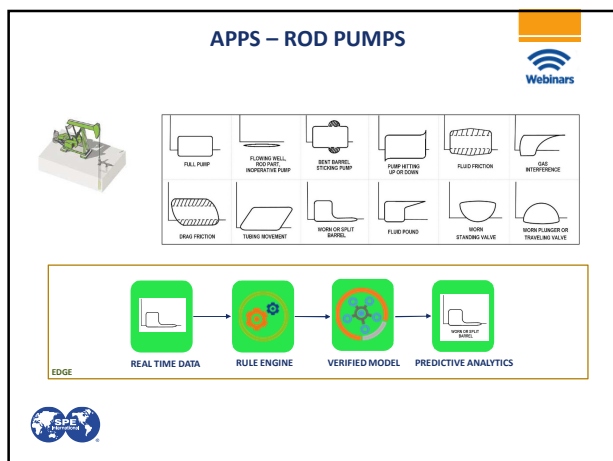


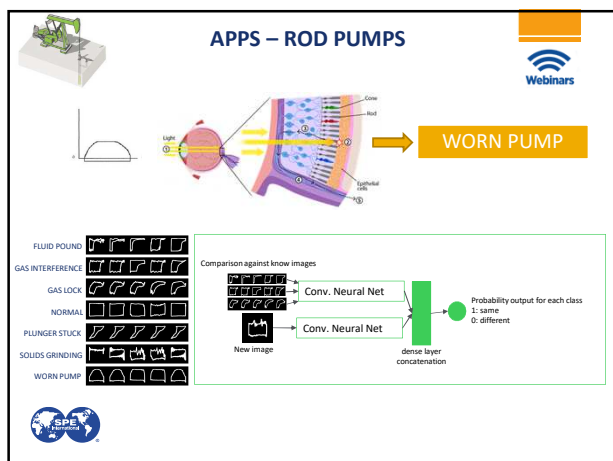




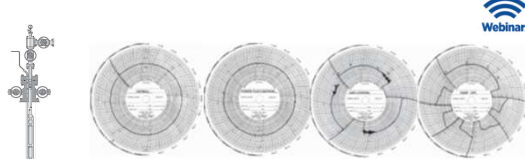
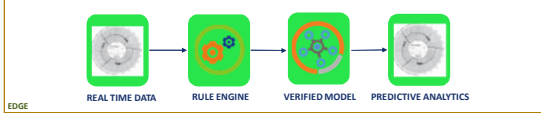








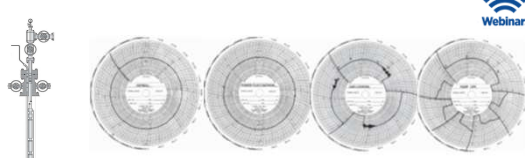
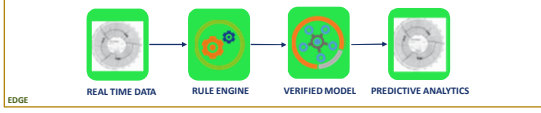
APPS – ELECTRIC SUBMERSIBLE PUMPS

EDGE



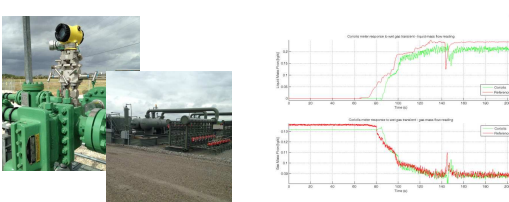
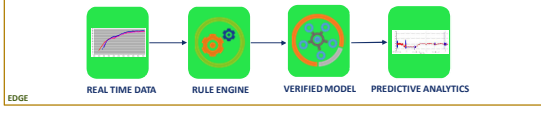

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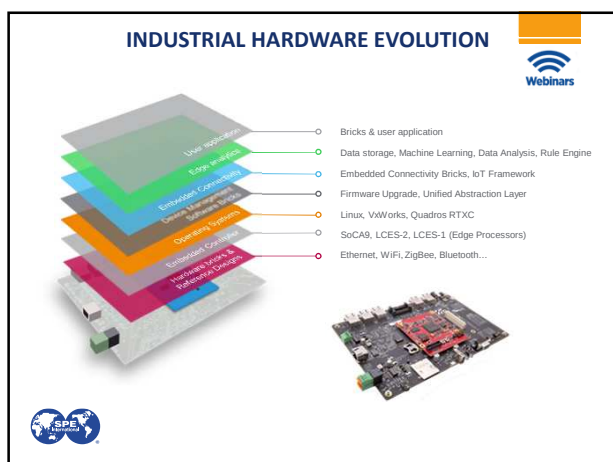


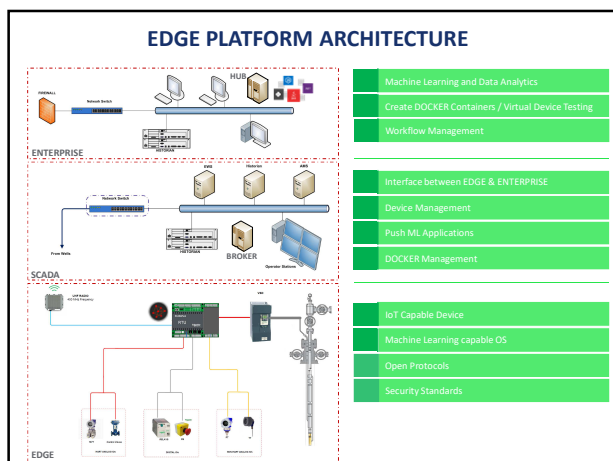

APPS – VIRTUAL FLOW METERS

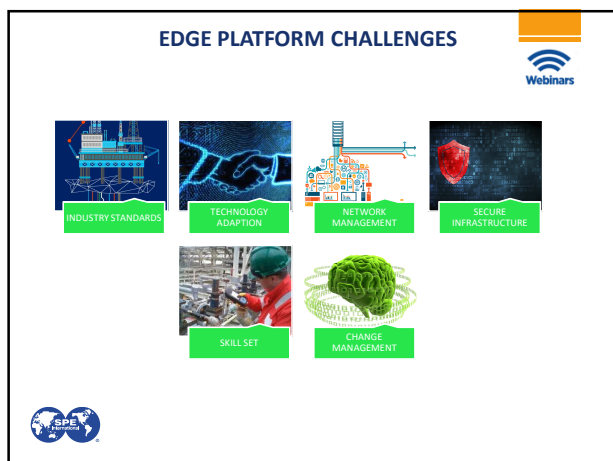



EDGE







EDGE PLATFORM ADVANTAGES



- Interoperability through certification program & reference code
- Standardized Data Model
- Benefit from natural evolutions & bridges to other IoT standards

SOME VALUES...




Thank You

TECHNOLOGY ADOPTION




Innovators. Enthusiasts who love technology, and often adopt something simply because it is new.



Early Adopters. Leaders who apply emerging technologies to the opportunities that are important to them



Early Majority. The first mainstream users to adopt a new product or technology. They tend to be more conservative than early adopters, but are open to new ideas.



Late Majority. Dislike constant innovation, but will begin to use new technologies after widespread acceptance.



Laggards. Prefer the old fashioned way of doing things. They only adopt new technologies when it's clear that the technology they are currently using is woefully obsolete.



