The first of its kind, ABB Ability™ TXpert™ Dry is a digital oil-free transformer that helps to reduce planned and un-planned power outages, optimize operations and enhance safety and security. The latest in transformer technology and new functionality makes ABB Ability™ TXpert™ Dry the solution for complete peace of mind.

The changing dynamics and the increasing complexity of today’s power grid has heightened the risk of costly outages and made efficient fleet management of even dry transformers more challenging. The ABB Ability™ TXpert™ Dry is world’s first transformer that integrates latest digital technology with the already-proven effectiveness of dry transformers to help increase uptime, optimize operations and enhance safety and security.

**Smart Sensors**
Effective monitoring and more accurate performance analysis is made possible by an array of sensors that monitor and report various parameters like voltage and current, winding temperature, fan condition and more.

**Powerful Analytics Suite**
The sensor data is collated into powerful analytics like Power Quality, Self-Supervision, Lifecycle Assessment & Fleet Management. Collectively, these give users increased capabilities to keep their processes running while reducing cost of operations.

**Improved Convenience**
The ABB Ability™ TXpert™ Dry requires very little to no maintenance. Additionally, remote monitoring is made possible with wired and wireless connectivity. It also sends push notifications and advance warnings in case of potential threats. Thereby further avoiding unplanned outage. Onboard interactive user interface makes it convenient to operate even in the field.

**Safe & Secure**
Due to its inherent dry operation, the ABB Ability™ TXpert™ Dry eliminates all risks related to oil usage like spills, fires and environment pollution. It can therefore be installed indoors as well as outdoors. The onboard data too is secured with multi-layer cyber security.

**Future Proof**
The ABB Ability™ TXpert™ Dry is built to withstand extreme climate conditions and is certified by third parties. The onboard sensors have a 20-year lifespan and do not affect the transformer operation should they fail. Future expansion of software and hardware is also supported.