

TRANSFORMER SERVICE

## TXpert™ Remote Services Because asset health is wealth



TXpert™ Remote Services which can be combined with our advanced diagnostics using data and intelligence provided by our open, scalable and manufacturer agnostic TXpert™ Ecosystem – a complete suite of products, software and services that work together. Through secure remote access, the status of your equipment can be evaluated without dispatching an engineer to the site, saving both valuable time and resources. Because asset health is wealth.

With the help of our TXpert™ Remote Services, you as an asset owner can decide the level of digitalization for your transformer helping you to determine the right course of action by having complete visibility and control over the performance of your asset or fleet.

Our TXpert™ Remote Services offer you advanced diagnostics based on data and intelligence of the TXpert™ Ecosystem. Access our deep domain knowledge which provides data-driven intelligence for optimization of transformer operations and maintenance.

We have made it simpler for you with our packaged services, which can also be tailored to your needs supporting management of your transformer assets.

We are your partner of choice reducing complexity of your daily operations.

**Access our deep domain knowledge using:**

- Remote monitoring
- Remote guidance through augmented reality (AR)
- Remote consulting
- Remote troubleshooting

# TXpert™ Remote Services - Connect to our experts

## A. Remote monitoring



### Monitoring of your transformer assets

- Monitoring unit is optionally continuously connected to Hitachi ABB Power Grids network
- Our experts can review the data periodically and provide reports
- Consulting advice to interpret results and recommend actions to avoid downtime

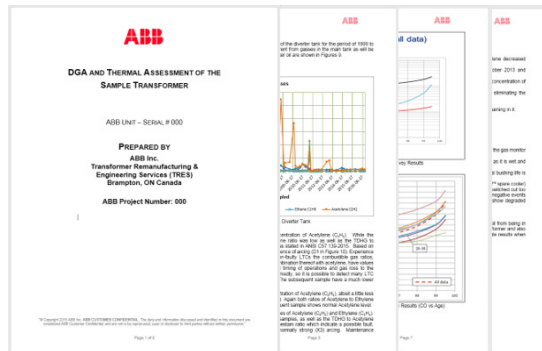
## B. Remote guidance through Augmented Reality (AR)



### Virtual expert on site

- No need to download any application on your phone
- Guided video conference with our experts
- Minimize downtime with fast resolution of your problem in the field

## C. Remote consulting



### Global expert consulting based on data gathered locally

- Gather operational and maintenance data yourself offline
- Our service expert will review it and prepare a report using our expert asset performance management software
- Report includes recommended actions to mitigate risks

## D. Remote troubleshooting



### Secure connection for onsite problem solving

- Rental of connection equipment between your site and Hitachi ABB Power Grids service engineers
- Cyber secure temporary connection which is managed by you
- Expert help in resolving troubleshooting