DOBLE ON-LINE MONITORING

doblePRIME™

CONDITION MONITORING PLATFORM
FOR TRANSFORMERS

DOBLE ENGINEERING COMPANY

doble®

doblePRIME™
GET THE POWER OF KNOWING

The doblePRIME™ Condition Monitoring Platform for Transformers gives you a clear, consolidated means to assess overall transformer condition.

doblePRIME™ is uniquely powered by Doble's decades of on-line monitoring expertise, a century's worth of transformer diagnostic experience, and intelligent analytics coupled with an unparalleled knowledgebase. doblePRIME™ simplifies and empowers data-based decision making by giving you a single point of access to view and analyze your transformers' on-line monitoring data.

Experience the value of bringing data and analysis to condition-based interventions – empowering and justifying decisions with the most up-to-date information.
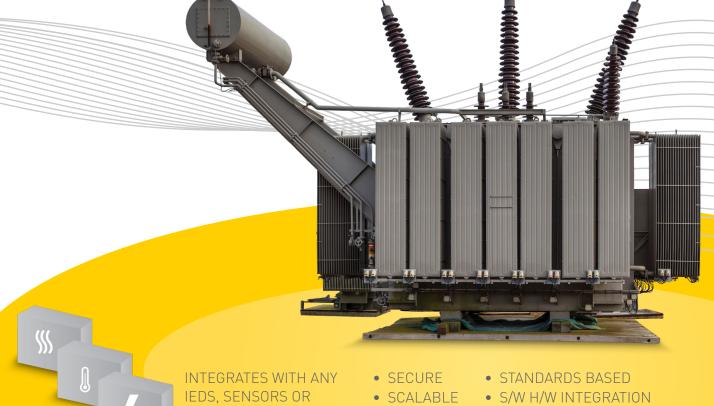
doblePRIME™ keeps a watchful eye on your transformers from oil status, to tap changer condition, to bushing health, incorporating all types of diagnostic indicators, intelligent electronic devices (IED) and sensor data.

doblePRIME™ integrates data from Doble diagnostic devices and also 'talks' to any other common IED through standard protocols to incorporate all available data into the decision-making process. The platform incorporates diagnostic indicators such as dissolved gas analysis, partial discharge, harmonics as well as operational values and additional sensor data such as temperature, vibration and voltage.

CREATE YOUR OWN DIAGNOSTIC VIEW

doblePRIME™ brings together all of your transformer's monitoring data into a single customizable dashboard view. You'll be able to access your dashboard remotely or on-site to investigate any alerts or alarms. In addition, trends and potential failure modes can be identified, an approach that allows you to diagnose developing issues early on, giving you more time to plan, prevent and intervene.

Get a comprehensive picture of transformer health and fitness through a scalable and customizable solution that works with an existing monitoring program and offers the flexibility to integrate into an asset risk management system, such as dobleARMS™.

INTEGRATES WITH ANY
IEDS, SENSORS OR
OTHER DATA SOURCES

- SECURE
- SCALABLE
- FLEXIBLE

- STANDARDS BASED
- S/W H/W INTEGRATION
- KNOWLEDGE & EXPERIENCE

doblePRIME Analytics™

doblePRIME Analytics is a data acquisition hub, smart data archive, and data analysis device at the core of the doblePrime Condition Monitoring Platform. It integrates data from monitoring devices, sensors and operational data sources while providing communications, analytics and alerts/alarms.

doblePRIME Delphi™

The doblePRIME Delphi™ DGA device provides data on changes in dissolved gas levels, the early warning signs of developing or incipient problems such as overheating, insulation degradation or mechanical movement within the transformer.

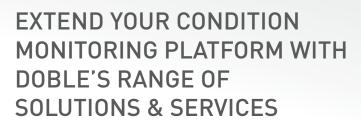### doblePRIME DOMINO™

The doblePRIME Domino™provides real time data for moisture in oil, giving indications of relative saturation or absolute ppm levels. This is useful information, especially when a transformer is being loaded in excess of nameplate or when the transformer is undergoing abnormal load cycles.

doblePRIME IDD™

The doblePRIME IDD™ Bushing Monitor detects signs of either 'rapid onset' or 'graceful' deterioration in bushings, finding abnormalities in the insulation. It provides leakage current and phase analysis for up to 12 bushings. This powerful tool has proven itself through documented bushing saves.

doblePRIME PD-Guard™

The doblePRIME PD-Guard™ continuously monitors partial discharge levels, learning your transformer's PD behaviors and notifying you of relevant changes in level and severity of discharge pulses. The doblePRIME PD-Guard™ is an 8-channel device which provides spectral and phase resolved PD analysis.

EXTEND YOUR CONDITION MONITORING PLATFORM WITH DOBLE'S RANGE OF SOLUTIONS & SERVICES

IN-SERVICE TESTING & ASSESSMENT

OFF-LINE TESTING & ASSESSMENT

ON-LINE MONITORING

CONSULTING & TESTING SERVICES

PROTECTION TESTING

ENTERPRISE ASSET MANAGEMENT

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