

# RM CONDITION MONITORING SOLUTI $\bigcirc$ N

Transforme

Gas Insulated Switchgear







**MV Panel Switchgear** 

Alr Insulated Switchgear

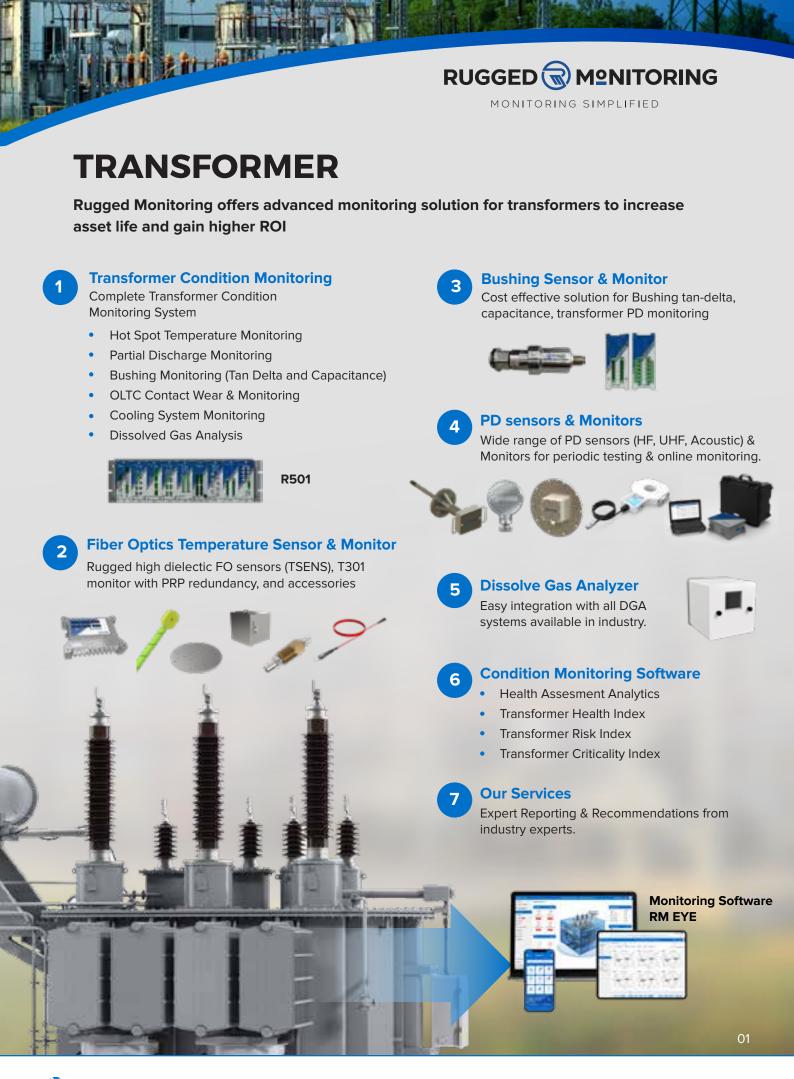
**Rotating Machines** 

**Power Cable** 

















Reliable monitoring solution for all the critical parameters in GIS

### Switchgear Condition Monitoring

Complete GIS condition Monitoring system such as

- PD Monitoring
- SF6 Monitoring
- Breaker Monitoring
- Disconnector Monitoring
- CT/VT Monitoring

**GIS PD Monitoring** 



R501

Highly sensitive and custom designed PD sensors and monitors for new and retrofit GIS.

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Breaker / Disconnector Monitoring Realtime monitoring of switching mechanisim

MONITORING SIMPLIFIED

- Trip and close timing analysis
- Stored energy Analysis

and control cubical

- Travel Curve Analysis
- Contactwear analysis



#### 5 Condition Monitoring Software

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- Health Assesment Analytics
- GIS Health Index
- GIS Risk Index
- GIS Criticality Index

#### **Our Services**

Expert Reporting & Recommendations from industry experts.



### 3

#### SF6 Monitoring

- Analytics for reducing SF6 filling cost & One Click SF6 emission reporting
- SF6 Leak Rate
- SF6 Time to Refill
- SF6 Time to Lockout
- Moisture / Dewpoint







Turnkey monitoring solution with greater diagnostic capability to analyze crucial parameters of your rotating machines



#### **Rotating Machine Condition Monitoring**

Complete Rotating Machine Condition Monitoring system such as

- Current signature analysis (CSA)
- Vibration monitoring
- PD Monitoring

Temperature Monitoring

- Flux monitoringAir gap monitoring

R501

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#### **PD** monitoring

Wide range of capacive couplers and advanced PD monitors for direct online (DOL) & variable frequency Driven (VFD) machines



#### 3

#### FO Temperature Sensors & Monitors

T301 - For Hot Spot Temperature monitoring with PRP redundancy and OEM agnostic features

- Stator Winding
- Hot Spot Monitoring



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## Integration with other monitoring system

Faster & Easy integration with motor monitoring system available in the industry (CSA, Flux, Vibration, Air gap)

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#### **Condition Monitoring Software**

- Health Assesment Analytics
- Rotating Machines Health Index
- Rotating Machines Risk Index
- Rotating Machines Criticality Index



#### **Our Services**

Expert Reporting & Recommendations from industry experts.

#### Monitoring Software RM EYE

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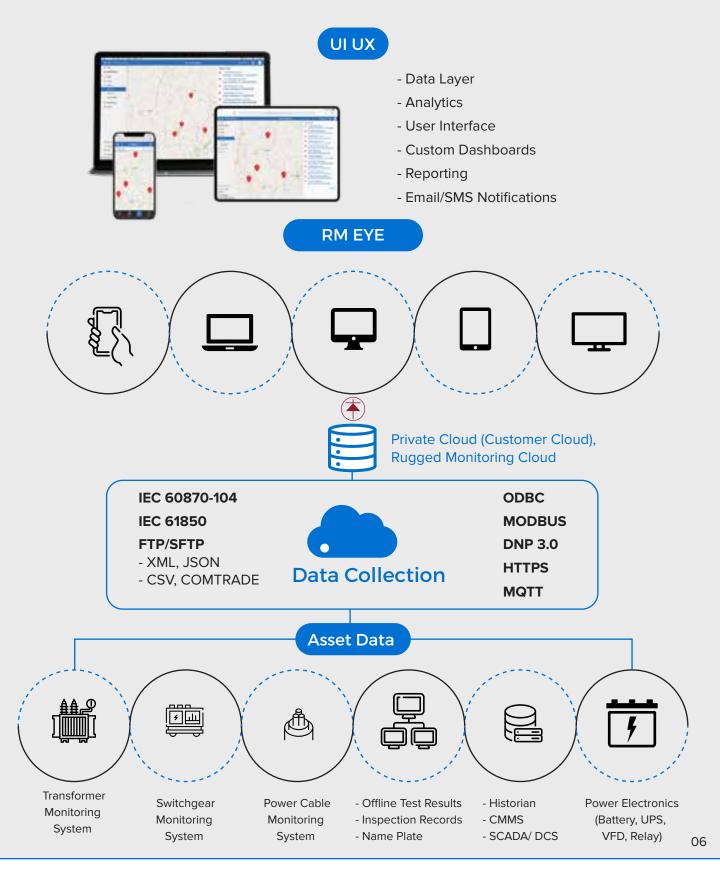


DSS0001R09\_Multi Asset Monitoring\_EN\_A4



# Asset Monitoring : Enterprise Architecture

Compatible with Rugged Monitoring Enterprise Solution





## Our Presence Across the Globe



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#### Rugged Monitoring Services

Rugged Monitoring provides customization of sensors, monitors & software. In addition we offer on-site commissioning services, maintenance contracts and technical support to all customers worldwide.

#### (i) About Rugged Monitoring

Industry's leading team of asset condition monitoring experts with 100+ years of combined experience committed to delivering customizable solutions for challenging applications. We offer a range of reliable, high performance, customizable sensors and monitoring solutions that are immune to external influence.





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