

intelligent power





What is $S \land PIENT$

SAPIENT is the WAY to:

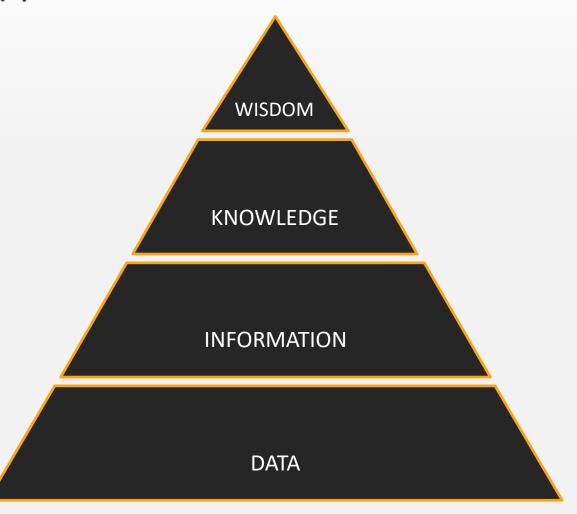
Get your DATA

Convert it into INFORMATION

Apply proper KNOWLEDGE

Conceive a WISE decision

MANAGE YOUR ASSETS



Wallace, Danny P. (2007). Knowledge Management: Historical and Cross-Disciplinary Themes.



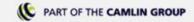


SMPIENT



- Maximize Capital Assets
- Target Critical Resources
- Management of Asset Fleet
- Improve Performance & Service





Data Collection

TOTUS TTM



INTEGO TM



TOTUS DGA



SAPIENT





OFF-LINE DATA

THIRD PARTY MONITORS





Data and Information Management

Monitoring Center TOTUSPRO Camlin IED **TOTUS TTS** DGA Moisture (H2O) in • H2 Oil H2C2 LTC Differential H2C4 Partial Discharge Secure H2C6 Bushing C1% and Comms CO PF% CO2 Top Oil CH4 **Temperatures Substation** 02 **Bottom Oil** N2 **Temperature TOTUSPRO** Environmental T/H LCD display **Alarms** IEC61850 Diagnostic tools (Duval's Triangle, PD Secure Patterns, Polar Plot etc...) Comms Data -IEC61850/DNP3/ **MODBUS SCADA**



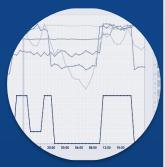
SAPIENT

Supporting and Improving Performance in the Modern Utility



Fitting Equipment

- Cutting-Edge Online Monitoring
- Data converted into information
- Maintenance and Warranty Support



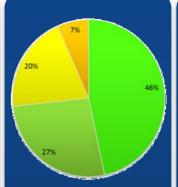
Gathering Data

- •Camlin Sensors
- Third Party Sensors
- •Offline Data



Monitoring

- •24/7 Support
- •Early detection of Faults
- Notifications, Analysis, Reports



Fleet Management

- Priority list
- Condition Index
- Maintenance Recommendation
- Consultancy



Transformer Expertise

- •Transformer technical service
- Overload evaluation
- Design review
- OEM support
- Training

TOTUSPRO Advanced Software



