PREDICT
ANTICIPATE & SAVE

OVERVIEW

PREDICT is a global leader operating in the cutting-edge market of Predictive Maintenance. PREDICT has created a unique methodology of predictive maintenance engineering to gradually help its customers to optimise their installations, equipment's performance, and to transit into industry 4.0 in a safe and efficient manner. Proudly based in Adelaide, PREDICT works globally with customers in Europe, America and Asia.

Built on 20 years of experience, PREDICT's solutions have been adopted by more than 10 different industry sectors. Originally developed for remote diagnostic of Hydroelectric power stations, PREDICT's technologies widely apply to Manufacturing, Mining & Mineral Processes, Navy, Aeronautics, Space, Energy, Machine Tools, Industrial Vehicles, Oil Refinery, Steel Industry, Microelectronic, Pharmaceutical Industry, Pulp & Paper, Nuclear.

A wide range of industries have trusted PREDICT since 1999, and today, over 250,000 equipment are now monitored by PREDICT's digital solutions 24/7. PREDICT's solutions lead to successful anticipations up to 6 months, therefore contributing to the success of many projects and operations.

PRODUCTS & SERVICES

CASIP®- CONDITION-BASED MONITORING SOLUTION
Edge Computing platform that triggers early warnings when an equipment starts drifting from its normal behaviour

KASEM® - ADVANCED PREDICTIVE MAINTENANCE SOLUTION
Digital collaborative platform that anticipates equipment failure, diagnoses the causes of malfunctions, for end-users to have a clear vision and understanding of their Asset's Health

ENGINEERING STUDIES
Functional analysis, dysfunctional analysis FMECA & HAZOP, maintainability studies

DATA ANALYSIS
Design and configuration of monitoring algorithms using Machine Learning Methods,

SUPPORT SERVICES
Dedicated supporting team, user training for KASEM, working closely with client's team for continuous improvement, development of mobile apps and customisation of interfaces & reports

CAPABILITIES

Time-to-failure predictions,

Machine Learning for knowledge improvement,

Diagnosis of the root causes of failures,

Remote assets monitoring, individual-fleet-wide/multi-site management & health assessment,

Early detection of operational inefficiencies,

Integration, use and update of HAZOP, FMECA, Fault-Tree...

Digitalization & optimization of Maintenance

DISCRIMINATORS

Using Model-based + Data driven + Experience,

Cutting edge solution with 20 years & 50+ industry proven algorithms, experience and continuous improvement,

Early detection of drifts and follow-up until closure,

Predictions of failures up to 6 months in advance,

No Additional Sensors Required, Analysis of data from existing sensors

User-friendly dashboard of the systems,

Performance Based Contracts option

Defence Teaming Centre
MEMBER

SACOME

FRENCH AUSTRALIAN
CHAMBER OF COMMERCE

GE Digital
Alliance Partner

GICAN

IoT MER
The Technology of Resources

1 AVAILABILITY
Elimination of breakdowns: 70%
Reduction in downtime: 40%

2 EQUIPMENT EFFICIENCY & SAFETY
Early detection of equipment's drifts
Clear vision of the equipment's health 24/7
Safety of equipment and operational teams at all time

3 PERFORMANCE
Determining root cause
Predicting calibration drift of sensors & instrumentation fault tolerant control
Energy efficiency: detection of local overconsumption

4 MAINTAINABILITY
Reduction in maintenance costs: 20%
Corrective maintenance cost saving: 40%
Maintenance planning postponed: 30%

KEY CUSTOMERS

NAVAL GROUP

THALES

AIRBUS GROUP

DASSAULT AVIATION

SAFRAN

NESTE OIL

GRTgaz

TOTAL

IMERYS

ArcelorMittal

BOURBON

PSA GROUPE

framatome

orano

ULMA

Outotec

suez

ENGiE

EDF

VEOLIA

GE

CONTACT DETAILS
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