

A collage of industrial images including a refinery at sunset, a large storage tank, and a complex piping system, all overlaid with a white grid pattern. A red triangle is in the bottom-left corner.

**TMEIC**  
*We drive industry*

# TMEIC Preventive Maintenance (PM) Program

Get maximum availability out of your equipment investment.

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**[WWW.TMEIC.COM](http://WWW.TMEIC.COM)**

JAPAN | NORTH AMERICA | SOUTH AMERICA | EUROPE | SOUTHEAST ASIA | INDIA | CHINA | MIDDLE EAST | AUSTRALIA

## How much does unexpected downtime cost?

- Preventive Maintenance is a very inexpensive insurance policy. The 1<sup>st</sup> hour of unexpected downtime is often multiple times the cost of PM.
- Scheduling regular PM service allows TMEIC to keep your equipment safe, reliable and available through the installed life of the equipment.

## Are you getting the most out of your equipment?

- PM gives you an opportunity to make minor adjustments to the VFD that could improve process control, get higher production and even reduce energy costs.

## What improvements can PM make in process control?

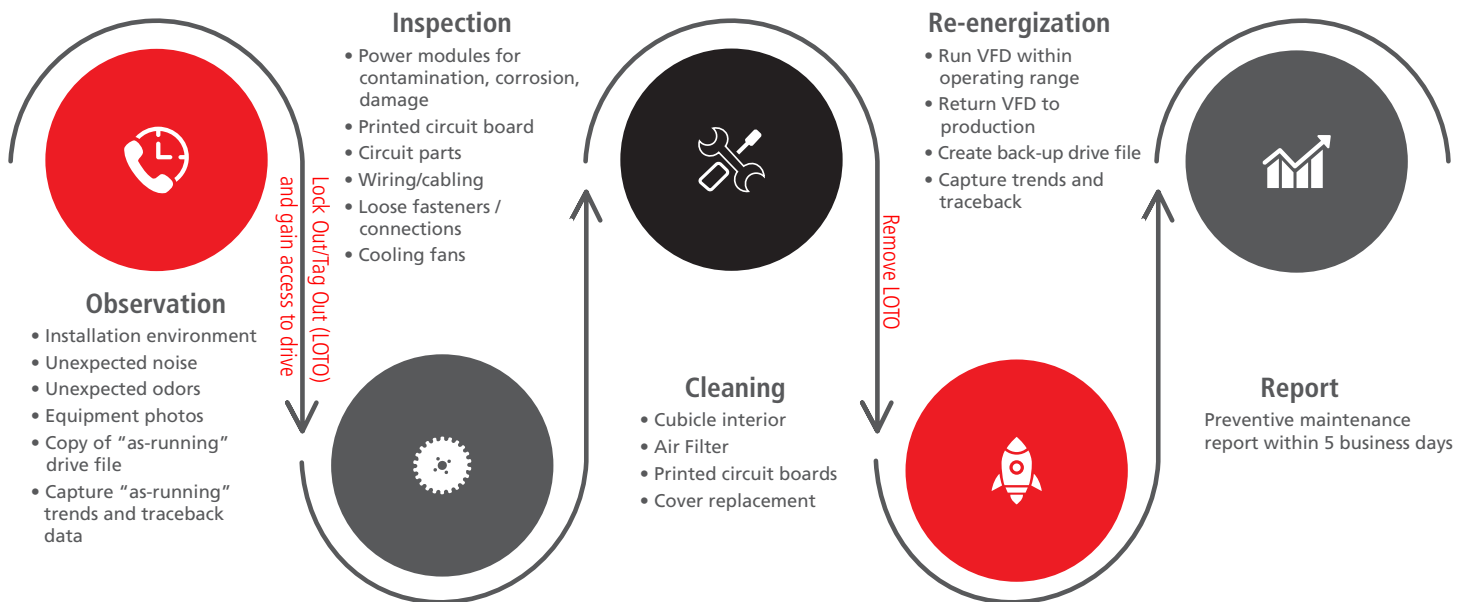
- Equipment that is properly maintained, tuned and optimized saves you money and increases production.

## Do you have an end of life plan?

- When is maintenance, spares, and cost of downtime higher than cost of replacement?
- Do you have a plan in place for when replacement is the cost effective solution?
  - △ Space concerns?
  - △ HVAC upgrades?
  - △ Swap Over Time?
  - △ Improved performance
    - Harmonics improvement
    - Efficiency improvement
    - PF improvements and/or Active VAR correction capabilities
    - Communications and data collection improvements
    - Increased reliability & uninterrupted run time intervals.

## The TMEIC Scope of Work

The TMEIC VFD PM program is a 2-day site-visit to your facility that can be scheduled during a minor or major turn around. The typical scope of work includes:





## ***Are your Technicians trained on TMEIC systems?***

It is well known that trained operator and maintenance personnel contribute to safe and profitable operations. VFDs are complex electrical equipment and are a critical link between the utility and the driven equipment

As an extension to our PM service, we also offer product- specific troubleshooting and maintenance training.

- Training can be held on-site or at our North American HQ In Roanoke, VA, USA
- Typically 4 days in-person, hands-on training
- High level topics include
  - Definitions, specifications, and ratings
  - Hardware overview and Identification of major components, assemblies and parts, Inspection and maintenance schedules
  - Maintenance and diagnostics tests
  - Protective functions, troubleshooting faults, alarms
  - VFD traceback data, TMdrive-Navigator and remote connectivity
  - Typical spare parts to keep, how to order and contacting TMEIC support

## ***Can you replace a part and get up and running?***

As our promise to your plant, TMEIC has more than 5000 parts in stock. For minimum downtime, TMEIC recommends the site to have spare parts in hand. To facilitate that, our renewal parts team can assist you with:

- Multi-client site spare parts inventory analysis to minimize cost (upon request)
- Drive Stacks/Power Modules/Electronic Cards in stock
- Remote pick up for return to manufacturer
- Test & evaluation for no warranty failed parts
- Express return shipments after repair
- Help evaluate and provide guidance on when to repair, refurbish or replace the installed equipment

## Who do you call if you have issues?

- 24/7/365 Tech Support to help you when you most need it.
- TMEIC Maintains history of your equipment and application to quickly resolve any issues you may have.

Whether the equipment is up and running or experiencing downtime, live help from TMEIC is a phone call away. With bases in North America and around the world, regional TMEIC companies and TMEIC motor service shops provide reliable support whenever needed.

**We know you operate 24 hours a day, 365 days a year. SO DO WE.**

- Staffed by trained service engineers
- Supported by factory design engineers



**For Service Call**  
**877-280-1835**

**INTERNATIONAL**  
**+1 540-283-2010**

[www.tmeic.com/customer-support](http://www.tmeic.com/customer-support)



## Delivering customer success every project, every time.



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