

IM270 : powerful and clean IHI original gas turbine.

Since the completion of Japan's first jet engine in 1945, we, at IHI, having produced approximately 17,000 jet engines to date, have originally developed high efficiency and environment friendly gas turbine, IM270. It is designed utilizing technology and know-how accumulated over the years. IM270 is a best fit gas turbine for cogeneration with both of high performance and low NOx emission, and well as being friendly for both human and environment and offering high reliability.



Features of IM270

1. High Efficiency and Energy Saving

The compressor utilizes industrial compressor and vehicle turbo charger technology, and the turbine utilizes aircraft engine technology. These technologies support to improve the thermal efficiency of cogeneration system.

2. Extensive Experiences and High Reliability

Minimizing the numbers of parts by simple structure, IHI aircraft engine technology and materials support high reliability.

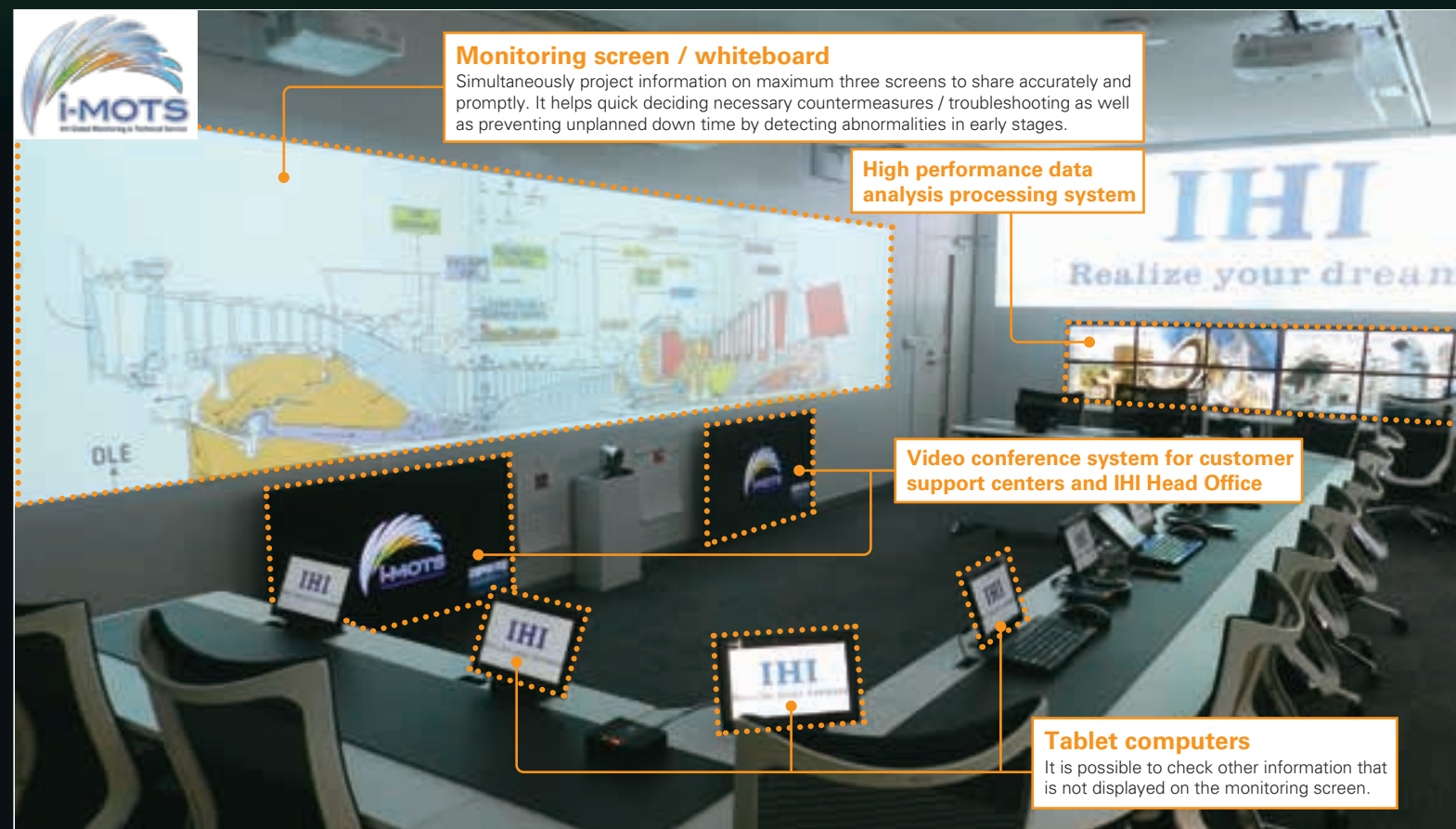
3. Environmental Friendliness

Acoustic enclosure and dry low NOx combustor have been adopted as standard. The impact for surrounding environment is minimized.

4. Compact System Design

IHI's plant engineering knowledge and expertise contribute to space saving.

Operation Support through Remote Monitoring



Customer Operation Support Center "i-MOTS" (i-MOTS: IHI Global Monitoring and Technical Service Center)

POINT 1

Our preventive maintenance system monitors gas turbines operating all over the world.

POINT 2

In the event of serious trouble, the relevant parties gather immediately to share information through our remote monitoring system "Remo-monTM".

POINT 3

Our professional engineers check the condition, analyze root cause and determine countermeasures.

Customer operation support flowchart

