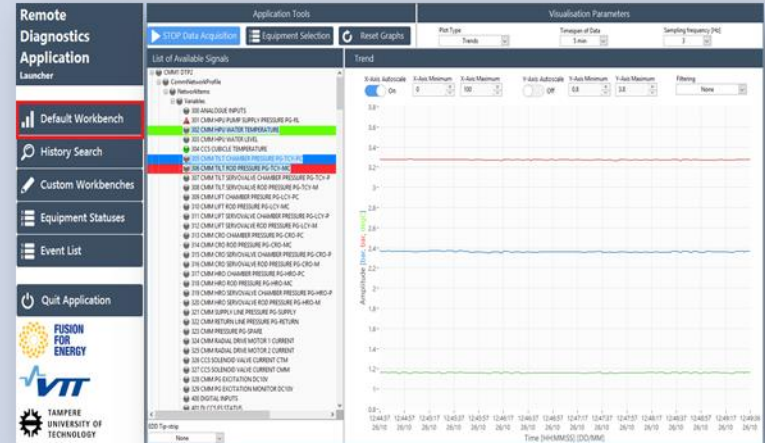


A Remote Diagnostics application software that provides a set of tools for diagnostic of Remote Handling systems in harsh environment and allows incorporation of custom diagnostic functions

Value proposition

- RDA helps the RH operators reduce downtime of the Remote Handling systems by exposing failure conditions and maintenance needs.
- The main advantage of the proposed software and related know-how is its adaptability. It allows for the performance of complex and dedicated diagnostics and prognostics time after an initial set of diagnostics tools have been defined.



In ITER, the largest fusion experiment ever, the diagnosis needs cannot be fully determined prior to starting of Remote Handling maintenance activities.

The Remote Diagnostics Application (RDA) is a software for analyzing and **archiving ITER Remote Handling systems diagnostics data**. The RDA, that has been developed by **VTT and TAU with the support of F4E, Euratom-TEKES**, has to be flexible enough to accommodate customized diagnostics rules and other diagnostics tests and functions. To facilitate customization, RDA implements a unique architecture and as a result features an evolving and adaptable diagnostics framework

The RDA software could be used in any application that needs remote real time diagnostics. It can be used in applications of :

- industrial machinery in the areas of mining
- forestry
- maritime, transport
- industrial manufacturing. .

VTT is ready to establish pilot integration projects, license the RDA software or offer services regarding diagnostic rule definition.

For further information, the contact point is
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