Certificate No: LR26178988DT
Issue Date: 02/11/2025
Expiry Date: 01/11/2028

Digital Health Management (DHM) System: Digital Twin Ready Certificate

This certificate is issued to:

DHM Provider **HAT Analytics Solutions Ltd**

Vasili Krokou 31A, Larnaca, 6041, Cyprus

Commercial Name AdViSe

Assessment Document Procedure for the Approval of Digital Health Management Systems, version 1, September 2018

Assessment Level Digital Twin Ready

Scope of Application Rotating equipment:

- Centrifugal pumps
- Positive displacement pumps
- Compressors
- Ventilation fans
- Turbo-chargers

Vibration monitoring, evaluation and reporting for comfort and habitability of ships

Scope of Algorithms Knowledge Based, Expert System

Insight Sophistication Anomaly Detection, Fault Detection

Qualification The DHM Provider shall inform LR of any changes made to the processes assessed in the development and delivery centre, where significant changes

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Electrical & Control - Senior Specialist to Lloyd's Register Asia
A member of the Lloyd's Register group

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may require re-assessment to maintain the Digital Twin READY approval. The full approval by Lloyd's Register for any digital twin is also subject to the requirements of 'Procedure for the Approval of Digital Health Management Systems, version 1,September 2018' Digital Twin APPROVED and Digital Twin COMMISSIONED being met in full. A digital twin used as an alternative to LR's survey requirements must also meet the requirements of 'Procedure for the Approval of Digital Health Management Systems, version 1, September 2018' Digital Twin LIVE."

Other Defining Features of the Service	Device as a Service (DaaS). Data Validation Algorithm, Descriptors (Features) improvement via statistical methods

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