

News Release

FOR IMMEDIATE RELEASE

Hitachi's Artificial Intelligence "Hitachi AI Technology/H" Adopted by Tokyo Stock Exchange in its Market Surveillance Operations

Using AI to evaluate orders that are likely to involve unfair trading

Tokyo, March 19, 2018 --- Hitachi, Ltd. (TSE: 6501, Hitachi)'s artificial intelligence "Hitachi AI Technology/H" has been adopted by Japan Exchange Regulation(JPX-R), a Japan Exchange Group (JPX) member, to its new market surveillance operations that commences today at Tokyo Stock Exchange.

JPX has previously carried out demonstration experiments jointly with JPX-R and Tokyo Stock Exchange using Hitachi's "Hitachi AI Technology/H" in analyzing orders that are likely to involve unfair trading.

Hitachi AI Technology/H has been supplied with a store of knowledge previously used in operations by surveillance personnel at JPX-R to evaluate irregularities in trade activity for preliminary investigations.

Hitachi AI Technology/H is an artificial intelligence that comprehensively analyzes many types of business-related data, such as sales and costs, and efficiently deduces factors that have a strong correlation to the organization's Key Performance Indicators (KPI*s), as well as generating hypothetical measures for improving KPIs.

With the introduction of "Hitachi AI Technology/H", it will be possible to significantly improve the efficiency and accuracy of the current market surveillance operations at JPX, and could lead to an increased fairness of the capital market.

Hitachi will add this effort to a use case of its IoT platform "Lumada", and continue to develop and provide innovative IT services through co-creation with various stakeholders.

* KPI: Key Performance Indicator.

Hitachi's Finance Solutions Website

<http://www.hitachi.co.jp/finance/en/>

About Hitachi, Ltd.

Hitachi, Ltd. (TSE: 6501), headquartered in Tokyo, Japan, delivers innovations that answer society's challenges. The company's consolidated revenues for fiscal 2016 (ended March 31, 2017) totaled 9,162.2 billion yen (\$81.8 billion). The Hitachi Group is a global leader in the Social Innovation Business, and it has approximately 304,000 employees worldwide. Through collaborative creation, Hitachi is providing solutions to customers in a broad range of sectors, including Power / Energy, Industry / Distribution / Water, Urban Development, and Finance / Government & Public / Healthcare. For more information on Hitachi, please visit the company's website at <http://www.hitachi.com>.

Information contained in this news release is current as of the date of the press announcement, but may be subject to change without prior notice.
