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Industry leaders to form consortium for network and computing infrastructure of automotive big data

DENSO Corporation, Ericsson (NASDAQ:ERIC), Intel Corporation, Nippon Telegraph and Telephone Corporation (NTT), NTT DOCOMO, INC., Toyota InfoTechnology Center Co., Ltd. and Toyota Motor Corporation today announced that they have initiated the formation of the Automotive Edge Computing Consortium. The objective of the consortium is to develop an ecosystem for connected cars to support emerging services such as intelligent driving, the creation of maps with real-time data and driving assistance based on cloud computing.

It is estimated that the data volume between vehicles and the cloud will reach 10 exabytes per month around 2025, approximately 10,000 times larger than the present volume. This expected increase will trigger the need for new architectures of network and computing infrastructure to support distributed resources and topology-aware storage capacity. The architectures will be compliant with applicable standards, which requires collaboration on a local and global scale.

The consortium will focus on increasing network capacity to accommodate automotive big data in a reasonable fashion between vehicles and the cloud by means of edge computing and more efficient network design. It will define requirements and develop use cases for emerging mobile devices with a particular focus on the automotive industry, bringing them to standards bodies, industry consortiums and solution providers. The consortium will also encourage the development of best practices for the distributed and layered computing approach recommended by the members.

In the coming months, the aforementioned companies will initiate activities to invite relevant global technology leaders and expand the consortium.

About DENSO in North America

DENSO is a leading global automotive supplier of advanced technology, systems and components in the areas of thermal, powertrain control, electronics and information and safety. With its North American

headquarters located in Southfield, Michigan, DENSO employs more than 23,000 people at 30 consolidated companies and affiliates across the North American region. Of these, 28 are manufacturing facilities located in the United States, Canada and Mexico. In the United States alone, DENSO employs more than 17,000 people in Alabama, Arkansas, California, Iowa, Georgia, Kentucky, Michigan, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee and Texas. DENSO's North American consolidated sales totaled US\$9.6 billion for the fiscal year ending March 31, 2017. For more information, go to www.denso.com/us-ca/en. Connect with DENSO on Facebook at www.facebook.com/DENSOinNorthAmerica.

DENSO Worldwide

DENSO Corp., headquartered in Kariya, Aichi prefecture, Japan has more than 200 subsidiaries and affiliates in 38 countries and regions (including Japan) and employs more than 150,000 people worldwide. Consolidated global sales for the fiscal year ending March 31, 2017, totaled US\$40.4 billion. Last fiscal year, DENSO spent 8.8 percent of its global consolidated sales on research and development. DENSO common stock is traded on the Tokyo and Nagoya stock exchanges. For more information, go to www.denso.com, or visit our media website at www.denso.com/global/en/news/media-center/