Xaxar Announces AI-Powered Fast Real-time Data Traffic Classification Engines Available for Licensing
Deployments in IP Networks Improve Latency and Reduce Infrastructure Costs

SAN DIEGO, CA, February 7, 2019 — Xaxar Inc., a San Diego based start-up, announced the availability of its three AI engines for classifying data traffic to improve latency and reduce infrastructure and operating costs in IP networks. The company intends to license its technology to network operators for incorporation into their data traffic engineering systems.

AI-based data traffic classification engines developed by Xaxar can predict in real-time if a particular data flow in a network is likely to last for a short or a long time, by merely examining a few of the initial packet headers in a string of packets. Because long flows can clog up network links, time-sensitive short flows may be delayed. Short flows may be e-commerce transactions, page loads and the like, which affect customer experience and bottom-line results. The ability to predict short vs. long after a few packets enables network operators to take smarter routing actions including giving short flows priority, routing long flows to high-speed links in order to prevent congestion in the links needed for short flows, and adjusting buffer settings for optimal network performance.

Xaxar traffic classification engines give network operators the option to choose how many packet headers are to be examined before making an AI prediction of a short vs. long flow, the duration of each also defined by the operator. Prediction accuracy rates as high as 99% have been shown, by examining only the first few packets of a data flow. The company also offers development services for AI-powered engines for data classification based on other criteria.

"Our AI engines have been developed for improving the highly inefficient data center networks, but bring benefits to any IP network," said Hus Tigli, Founder and CEO of Xaxar. "Being able to predict traffic patterns allows operators to take intelligent actions to improve their network performance and advance business priorities."

About Xaxar Inc.
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Xaxar develops and licenses AI-powered high-accuracy real-time data classification engines for IP networks. Data network operators use the output from Xaxar's engines to make critical routing decisions to serve their business priorities. For further information, visit www.xaxar.com.

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