For Immediate Release

December 10, 2018
Cybernet Systems Co., Ltd.

EndoBRAIN® -Artificial intelligence system that supports optical diagnosis of colorectal polyps- was approved by PMDA (Pharmaceuticals and Medical Devices Agency), a regulatory body in Japan

Cybernet Systems Co., Ltd. (head office: Tokyo; Kuniaki Tanaka, President & CEO; hereafter, "Cybernet") is pleased to announce that EndoBRAIN® -Artificial intelligence system that supports optical diagnosis of colorectal polyps- was approved by PMDA (Pharmaceuticals and Medical Devices Agency), a regulatory body in Japan.

Cybernet obtained the regulatory approval of our product "EndoBRAIN" on December 6th 2018 from PMDA, a regulatory body in Japan (Class III, No. 23000BZX00372000). EndoBRAIN® is a computer-aided diagnostic system designed to help endoscopists identify the pathology of colorectal polyps during colonoscopy. EndoBRAIN® was developed in collaboration with Showa University and Nagoya University. The research and development was officially supported by AMED (Japan Agency for Medical Research and Development).

EndoBRAIN® is directly connected to the endoscopy unit and predicts a polyp's pathology as either neoplastic or non-neoplastic based on *in vivo* microscopic imaging obtained by the endocytoscope (a 520-fold magnifying endoscope: CF-H290ECI, Olympus Corp., Tokyo, Japan). EndoBRAIN® is planned to be distributed through the channel of Olympus Corp.

About Cybernet

Cybernet Systems Co., Ltd. provides a wide array of leading-edge software solution services in the field of scientific computation, with a focus on services related to CAE(*). These include the provision of software, training services, technical support, and consulting services in a wide variety of industries and fields including electric equipment, transportation equipment, machinery, precision equipment, healthcare, and educational/research institutions. Specifically, the company handles diverse world-class software products including those for structural analysis, injection molding analysis, acoustic analysis, mechanical analysis, control system analysis, communication system analysis, signal processing, optics design, illumination analysis, electronic circuit design, general-purpose visualization, and medical image processing. The company thus caters to a range of customer needs.

In addition, the company provides IT solutions that improve the security level of companies by preventing the leakage and unauthorized access to personal information, confidential information, and other information. These solutions include IT asset management tools that improve the efficiency of the management of PCs/smart devices owned by a company. They are provided as packages and on the Cybernet Cloud.

Details of Cybernet Systems Co., Ltd. are available on the following website:
http://www.cybernet.co.jp/english/

* CAE, which stands for Computer Aided Engineering, is a technology for simulating and analyzing tests and experiments, which were previously conducted using prototypes, with prototypes on the computer. It is utilized in the research and development phase of manufacturing. CAE significantly reduces the number of prototypes and experiments and enables the prediction and resolution of diverse problems in many areas. It thus contributes to achieving environmentally friendly manufacturing by significantly reducing waste materials that would be generated from experiments using prototypes.

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