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BNV, Denso establish new medical IoT firm

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Beyond Next Ventures Inc. and DENSO Corporation have announced that they have established OPExPARK Inc., a carve-out to develop the businesses utilizing OPeLiNK.

OPeLiNK is an information platform that constantly provides data gathered from each equipment in the operating theater, which is conventionally handled individually, with data in a consistent format so that it can be used by any device.

OPExPARK will develop and sell systems that integrate information from surgery equipment, produce educational content for physicians, and offer distribution services.

Beyond Next Ventures, which provides incubation funding for technology startups mainly in life sciences, develops commercialization acceleration program called BRAVE. This is a commercialization support program for several months focusing on technology seeds at universities and other organizations. It prepares business strategies and business plans in the initial phase and offers opportunities to strengthen the management team and tap financial resources and networks. OPExPARK is a carve-out from the first company that utilized this program.

With support from the Japan Agency for Medical Research and Development (AME) and in cooperation with five universities and 11 companies, DENSO developed OPeLiNK, an information platform for distributing data gathered from surgical equipment. In function, OPeLiNK uses visualizations of the data taken from the equipment to share information that was previously difficult to track and communicate widely among medical teams. OPeLiNK has been installed at Hiroshima University Hospital, Shinshu University Hospital, and Tokyo Women's Medical University Hospital.

The new company will develop and sell systems that integrate information from surgery equipment by utilizing OPeLiNK, produce educational content for learning about the latest surgery at any time and anywhere based on the data extracted from the systems, and offer services and educational content for physicians around the world. The business will start in October.