



KISTI Pushes the Boundaries of Science and Technology with NURION

Korea Institute of Science and Technology Information (KISTI) has been contributing to the development of Korea's science and technology industry through world-class supercomputing and a global research network. Researchers had outgrown and needed to move beyond the institute's existing decade old TACHYON-II cluster. They needed to be able to leverage the advantages of the large resources in many- and multi-core processors at scale, as well as chip-level vector parallelism. Equipped with Intel® Xeon® Scalable processors and Intel® Omni-Path Architecture, NURION is the largest supercomputer in South Korea and designed to provide the resources to achieve scientific breakthroughs for a wide array of increasingly complex, data-intensive challenges across modeling, simulation, analytics and AI.

“Our Intel® Parallel Computing Center (Intel® PCC) project has served as a great opportunity for us to better understand and utilize the many- and multi-core Intel® processors. With the NURION system, now we are ready to broaden the leadership of HPC R&D in the Republic of Korea.”

Dr. Soonwook Hwang,
General Director and
Principal Researcher, KISTI

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[Intel® Omni-Path Architecture](#)

Industry

Government

Organization Size

501-1,000

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