

Reducing Vertical Vibration

Attending the Three-Dimensional Seismic Isolation Demonstration

UNIADEX, Ltd., is a total ICT (information and communication technology) support company belonging to the Nihon Unisys Group. As a one-stop service provider, we offer everything from designing, constructing, and installing an ICT base to operation/management, equipment set-up, cloud service, and maintenance.

As we operate in a multi-vendor environment, we also sell THK's seismic isolation systems.

Because THK has amassed an unparalleled, diverse product lineup of seismic isolation systems for equipment, buildings, and floors, we are able to offer products that meet the varied requests of our customers.

We typically recommend installing a seismic isolation system when setting up equipment, especially when hard disks or servers are involved, as any damage they receive in a major earthquake can significantly harm a customer's systems. When we were recently invited to see a demonstration of the three-dimensional seismic isolation system, we were eager to attend.

During the demonstration, THK used a vibration table to replicate the tremors felt during the Chuetsu Earthquake, the Great East Japan Earthquake, and the Kumamoto Earthquakes. We were able to visually see how well the three-dimensional seismic isolation system installed on the table suppressed vertical vibrations in comparison with the two-dimensional system. The numbers also showed how effectively vertical vibration would be reduced in a major earthquake. In light of these results, we now have a new option to present to customers who consult us about reducing vertical vibrations. We have worked with THK for a long time and view them as a reliable partner. We hope they will continue to develop exceptional products and provide them to the market.



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