

**THK's seismic isolation technology: Recommended by all the architects**



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Myotoku had a seismically isolated building constructed at our office complex in Iwate Prefecture, for three reasons. First, to provide a temporary place of refuge for employees in the event of a major earthquake like the Great East Japan Earthquake. Second, to protect our server computers, which are essential for business continuity. Third, to have a place where we can immediately hold emergency meetings even after a large-scale disaster, to ensure that the business keeps functioning. In addition to seismic isolation, the building was equipped with solar panels and its own electric power generator, as well as tanks to collect rainwater and a three-day food supply for the employees, should they need to take refuge in the facility. The servers had been housed at our headquarters in Tokyo, but

earthquakes can strike anywhere in Japan. We wanted them protected by the most effective means available, so we built the seismically isolated building in Iwate and stored them there.

The idea of using THK's seismic isolation technology came from the architects who submitted designs for the building—all of them recommended using THK. Of the three architectural firms we dealt with, two incorporated THK devices into their designs from the outset. The third originally favored rubber dampers made by another company but eventually revised its design and switched to THK, because, given the total weight of the building, THK's system was more suitable. As a manufacturer of vacuum pump systems and related products, Myotoku was familiar with an essential component of THK seismic isolation devices, the LM Guide, which is used in some of our production machinery. It's easy to see how the system works, and we now feel we're prepared for another earthquake.



Equipped with seismic isolation, solar panels, rainwater tanks, and provisions needed for business continuity, the new building houses Myotoku's server computers.