

## **Arx Pax Integrates USGS ShakeAlert Software to Hover Buildings In the Nick of Time**

*Hover technology leader is beta testing isolation of structures from unwanted movement on Mother Nature's bad days*

**Los Gatos Calif., June 4, 2015** — Arx Pax, creator of the Hendo Hoverboard and Magnetic Field Architecture (MFA™), today announced that it is integrating the [ShakeAlert](#) earthquake early-warning software into its [patented three-part foundation system](#), a more cost effective means of decoupling an object or building from the earth to provide real protection against earthquakes, floods and sea-level rise. As part of this collaboration, Arx Pax will work to ensure the scientific efficacy of MFA specifically for seismic protection. A ShakeAlert demonstration of the Napa, CA 2014 earthquake can be viewed here: <http://arxpax.com/shakealert/>.

“The ShakeAlert program aligns well with our long-term vision,” said Greg Henderson, co-founder and CEO at Arx Pax. “Weaving ShakeAlert into our MFA seismic isolation solution provides a valuable new tool to architects, engineers, and developers who are looking for a better way to build in areas affected by earthquakes. Our goal is to eliminate structural movement by pinpointing the exact time an object or building’s ‘landing gear’ should retract and activate the hover engines.”

With funding from the U.S. Geological Survey (USGS) and a grant from the Gordon and Betty Moore Foundation, a consortium of universities developed ShakeAlert to rapidly detect earthquakes and send secure alerts. Structures, equipment, and systems designed with Arx Pax’s MFA isolation technology, may now be decoupled from the earth’s movement in a moment’s notice. ShakeAlert uses the geophysical networks operated by University of California Berkeley, California Institute of Technology, University of Washington, and the USGS, which has successfully detected California earthquakes and predicted the shaking before it could be felt.

“Arx Pax’s new MFA base isolation technology combined with the ShakeAlert early-warning system will allow state-of-the-art seismic protection and vibration control for buildings, operating rooms, highly calibrated instruments and much more,” said Dr. Jennifer Strauss, external relations officer at Berkeley Seismological Laboratory. “We are excited by the collaboration and vision Arx Pax has to offer.”

This collaboration is in line with the public/private partnership that California Office of Emergency Services is fostering as the organization manages the implementation of California's plan for earthquake early warning.

**About Arx Pax**

Arx Pax, LLC is the Silicon Valley technology company that invented the patent-pending Magnetic Field Architecture (MFA) technology, a more efficient way to transmit electromagnetic energy. Strategic applications of MFA technology range from structural isolation, recreation and entertainment to industrial automation, and transportation. MFA will fundamentally change the way people work, play and live. The initial proof of concept for MFA was the Hendo Hoverboard that launched in October 2014.

For more information, please visit [www.arxpax.com](http://www.arxpax.com).