



Technology Corner Profile

Low productivity and a low digitization rate have sparked an influx of new technology being developed, which has the potential to make a profound impact on the risks involved on construction projects and within asset management such as safety risk and design risk. Aon understands that this trend may be of interest to our clients and has created the Technology Corner to profile different construction technology and asset management companies. Each profile gives an overview of the technology, addresses its risk treatment potential, and identifies what insurance policies its implementation could impact. Our goal is multi-faceted to raise awareness about leading construction and asset management technologies that could help reduce risk on site for the purposes of educating our clients and the insurance markets.

Product Description

Arx Pax unlocks “unbuildable” land. The SAFE (Self Adjusting Floating Environment) Foundation System is a modular, pre-cast concrete foundation system that provides a consistent building surface regardless of site location. SAFE adapts and integrates well proven technology to provide a scalable, repeatable foundation ideal for poor soils, flood and earthquake hazards. Ultimately, SAFE provides greater margins and less risk per unit of development and will disrupt real estate development models worldwide. Instead of spending billions on rebuilding after disasters, we can now build responsibly and sustainably to last for generations. Benefits include:



Budget

The cost of SAFE is comparable to traditional pier-based foundation systems required in poor soils. Land price is significantly reduced therefore reducing overall development cost.



Schedule

Known SAFE Foundation System structural load capacity allows for the predesign of buildings independent of site geotechnical conditions allowing building predesign or structural duplication.



Safety

To protect people, property and communities from natural disasters is our mission. Factory production of foundations will increase worker safety and reduce jobsite hazards.

Risks Treated

Key Risks mitigated by the ArxPax system include:



ARX PAX

Company Profile

Arx Pax Labs, Inc.

20 S. Santa Cruz Avenue, Suite
102, Los Gatos, California 95030

CEO/Founder:

Greg Henderson, AIA

Category:

Construction Technology,
Resiliency

Website:

www.arxpax.com

Location:

California HQ, Global solution

Impacted Insurance Policies

Insurance policies that will be positively impacted by ArxPax:

- ▶ Property Insurances (operations)
- ▶ Liability Insurances (operations)
- ▶ Weather Insurance

Comments from the Founder

“There is a better way to build. We must build more responsibly, sustainably and safely. Arx Pax envisions a more sustainable and resilient built environment in which extreme natural events don’t have to be disasters. By being able to maximize the value of underutilized land, Arx Pax can help provide housing and jobs in urban infill sites while providing developers greater return on their investments. The SAFE Foundation System represents the next evolutionary step in resilient construction technologies.” - Greg Hendersen, CEO and Founder

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empower results**

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