Appendix: 10 Finalists of 'PropXTech'

#	About the company and solution	Tech Focus	Country / City	Image
1	**Apartment Ocean** Apartment Ocean from the US is a virtual customer representative powered by artificial intelligence (AI). It provides user-friendly, effective and always available chat support to help property owners increase customer conversion and engagement, while reducing customer acquisition costs. Apartment Ocean offers an AI-based chatbot that focuses on the real estate sector. The chatbot can be seamlessly integrated with the client's current Customer Relationship Management through its simple configuration process. Supported with continuous machine learning and data science, the chatbot offers real time responses 24/7 for a better customer experience.	Chatbot	United States	
2	**Archilyse** Archilyse offers a holistic solution for analysis and automated evaluation of architecture characteristics to provide qualitative KPIs for decision making. The cloud-based service offers machine learning and AI to replace subjective assessment of architectural and real estate qualities with objective data to facilitate decision making and increase process efficiency significantly. With nano position analyses of the property, the service helps save up to 80% of time by automating PDF plans to digital	Modelling/ BIM	Switzerland	

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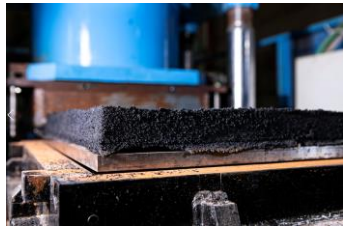
	twin conversion, minimising prediction error by 50%, as well as minimising investment risk.			
3	**EcoTech** EcoTech produces 'EcoInsul', an upcycled material designed in Israel by turning rubber waste into materials with acoustics and green insulation functions. The solution specialises in recycling of rubber from used tires and turns them back to synthetic rubber. This method involves no oil, no chemical and no new resource to produce this high-grade acoustic and thermal insulation made from green recycled and fully recyclable rubber. The synthetic rubber produced is TUV-certified as a green building material - oxygen index, fuming, acoustic and thermal qualities.	Upcycling Materials	Israel	
4	**Hauzd** Established in 2016, Hauzd is a US-based company specialised in real estate industry. Its property digitalisation platform changes the way new real estate projects are sold, by creating interactive 3D presentations of the property that is for sale. Currently deployed in 15 countries with 80 average to large scale projects, the VR solution is a fully proprietary engine that enables interactive 3D images for a more engaging and interactive property presentation. As it is cloud-based in which no programming is required,	VR (marketing solution)	United States	

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	it is three times faster than those run on game engines. With one simple link, the engine can publish on the intended platform, giving potential buyers an immersive virtual tour anytime, anywhere. Developers can generate 3D maps automatically by simply providing the project brochure, CAD and REVIT file.			
5	**OpenSpace** OpenSpace uses cutting edge technology to capture work progress, analyse and build time machines for development sites. Powered by artificial intelligence and cloud service, the solution serves as a real-time communication tool for field and office for easy process tracking and field management from anywhere. The solution also serves as a photo documentation tool that enables automated 360 video jobsite capture and mapping.	BIM/VR solution	United States	
6	**Riptide IO** US-based Riptide IO offers digital solutions for facility and property management through data integration, management, and analysis of devices in IoT. The company has been dedicated to solving complicated issues around connecting and managing devices in building and energy projects worldwide.	Big data analytics and IT	United States	

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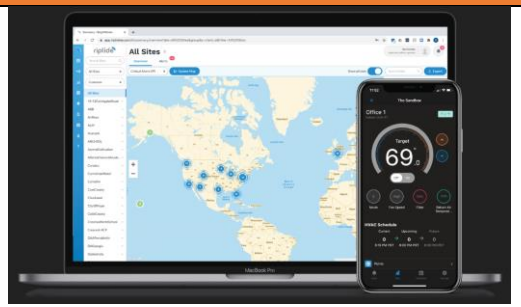
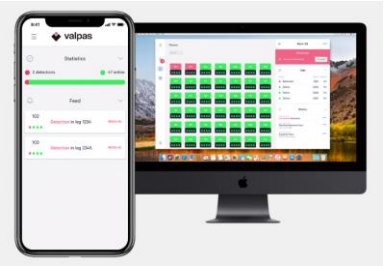
	The solution helps large enterprises navigate the transition of traditional reactive property management to an internet-based, data-driven proactive approach. By connecting different types of IoT devices, Riptide IO provides adaptive control through deep visibility for a better management on numerous equipment and system of a property, enhancing manpower and energy efficiency.			
7	**Valpas** Finnish-based Valpas offers solution to advance thoughtful and sustainable travel by specially creating a more hygienic bug-free living space for hospitality providers. The unique design by Valpas is a patented bioengineered Nordic design and IoT method. The smart bed legs have a special coating and colour that together with the carbon dioxide emitted by sleeping guests attract and trap newly arrived bed bugs in the legs. The legs are patented, certified, eco-friendly, toxic-free and chemical-free. To date, the Valpas protocol has already safeguarded 1,500,000+ room nights with a 100% bed bug prevention rate.	Well-being solution	Finland	 
8	**VRCollab** VRCollab from Singapore focuses on real-time rendering and multi-user VR technology to enable communication of building information.	BIM (VR) Solution	Singapore	

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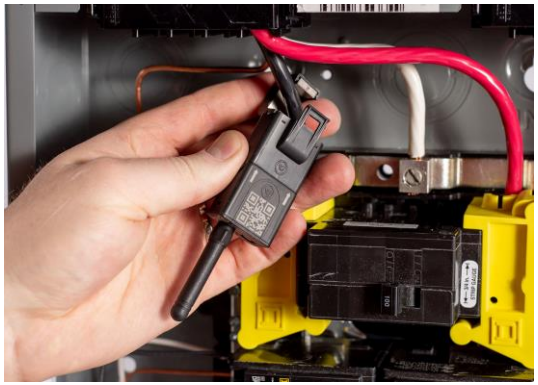
	The solution aims to close the gap between groups of BIM and non-BIM skilled stakeholders, and users in different geographical locations. It can convert BIM models for use in design reviews, building requirement approval and construction coordination, as well as merge multiple BIM models that have been modelled on different software and combine them into one model.			
9	**Vutility** Vutility, a US-based company, specialises in real time, high resolution, energy monitoring solutions to enable businesses to optimise their energy consumption and improve operational efficiencies. With its innovative and affordable proprietary HotDrop™ technology, energy consumption data is more accessible for sub-metering, so as to optimise operational efficiencies. Leveraging LoRaWan, an IoT wireless communication protocol, users can gain actionable and insightful data from anywhere through its complete easy-to-install, meter computer – The Core.	Energy Efficiency	United States	
10	**Welbot**	Robotics	Hong Kong	

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	Based in Hong Kong, Welbot focuses on adaptive robotics application for construction automation leveraging intelligence, algorithm and proprietary database. By collecting on-site raw data, the system can provide big data and AI algorithm construction framework for complex environments in a short time.			