

## JoinPad launches simulator for Moverio at the Augmented World Expo 2015

*During the most important global event dedicated to augmented reality, the Italian company presented the first simulator that allows you to see on smartphones and tablets applications developed for Epson Moverio SmartGlass.*



Milan, 22<sup>nd</sup> June 2015 – JoinPad, the Italian company that develops augmented reality solutions for the industrial sector, introduced to the international audience at the Augmented World Expo (AWE)<sup>(1)</sup> its new product Arrakis, the software development kits for creating applications the Moverio Epson SmartGlass, to which has been added an innovative support library that allows developers to simulate applications created with Arrakis on devices other

than the Moverio.

In this way, developers can create applications for the Epson SmartGlass and try them on a mobile device (smartphone or tablet) without using the smartglasses.

Inside the support library, JoinPad has included some dedicated features developed specifically to allow the visualization of the functions exclusive to the Epson Moverio SmartGlass – such as stereoscopy or gyroscopes - during the test also on other devices, using an appropriate notification system. In this way, once completed the development on the mobile device, the programmer simply removes the support library and transfers the application to the Moverio to see it work properly.

The new support library - explains Mauro Rubin, president of JoinPad and one of the first Epson Moverio Evangelist - is designed to allow those who are not in possession of the Smartglasses to create applications more easily. In this way we contribute to the growth of the market for augmented reality, simplifying as much as possible the work of developers who now can try out their project from any mobile device, supplying the confidence that, once transferred onto the Moverio, the functions will work properly without the need to rewrite the code. "

### **BrainPad 2.0: the industrial Augmented Reality platform further improves the integrated functionalities**

JoinPad presented at the Augmented World Expo also BrainPad 2.0, the new version of its platform for augmented reality dedicated to the industrial world in which various features have been improved. Thanks to this solution, companies can create tools that can transform integrated running processes into simple dynamical systems that can be connected in real-time to any device in the working environment, in order to share data and represent them in an intuitive way throughout the ongoing work process.

The platform is therefore able to perform different types of activities - for example maintenance processes of assets and installations and the management of relevant information; the real-time support to technicians on the field; support of work procedures - in an innovative and functional way, in addition to ensuring a higher level of safety.

BrainPad is available in tailored and two standardized solutions: for maintenance and for logistics. These versions can be integrated with several modules to offer customized solutions.

"With this new version of BrainPad - says Rubin - companies can improve the quality and reduce the costs of maintenance, enhancing the integration of information on assets managed. The platform provides a cloud based infrastructure and works with all common devices, such as tablets, smartphones and Smartglasses as well as with web applications via a PC. "

### JoinPad's vision of Augmented Reality



JoinPad's augmented reality solution is primarily based on Epson's Moverio SmartGlasses, chosen for their distinguishing capabilities such as binocular vision (with the possibility to manage perspective), the front camera, gyroscope, GPS, compass and the accelerometer. Thanks to these characteristics these glasses, that are based on Android and weigh only 88 grams, are able to accurately detect the surrounding environment and the movements of the wearer. With augmented reality applications people see inside the lens a series of information and functional choices related to the current work task, appearing superimposed on real world image seen by the eyes.

<sup>(1)</sup> The Augmented World Expo 2015 has been held recently in Silicon Valley and attended by over 200 entities from around the world and is one of the most important global event on Virtual and Augmented Reality (VR and AR), on wearable technologies and on the internet of things (IoT).

#### JoinPad ([www.joinpad.net](http://www.joinpad.net))

JoinPad is since 2010 active in the industrial sector. The company develops and distributes software solutions and related consultancy to simplify the business processes of the customer by providing innovative tools to interact with the industrial environment. In 2011 in Las Vegas (USA) JoinPad presented the worldwide first solution for wearable augmented reality (intelligent glasses) that uses computer vision algorithms for diagnosis and maintenance of industrial installations. SR Labs in 2013, leader in the integration Eyetracking, entered the capital of JoinPad, creating one of the worldwide most important business entities focused on computer vision. The union of the two companies has allowed the company to further strengthen global partnerships with companies that make wearable devices of the latest generation, allowing JoinPad to provide competitive solutions and services based on the latest technologies.

#### Epson Group

Epson is a global leader in innovation with solutions that exceed customer's expectations in markets as diverse as office, home, retail and industry. The product range includes Epson inkjet printers, printing mechanisms, 3LCD projectors as well as industrial robots, vision and sensors, and is based on proprietary technologies that guarantee compact size, reduced energy consumption and high reliability.

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**Epson Europe**

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**Environmental Vision 2050**

<http://eco.epson.com/>

**Epson Italia**

Epson Italy, national sales company, for the fiscal year 2013 achieved sales of over 200 million and employs about 150 people.

[www.epson.it](http://www.epson.it)

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