


2018 全球物联网创新成果点映申报书

2018 Global IoT Contest Application Form

申报产品基本信息 / Basic information			
申报单位名称 Company Name	Augumenta Ltd.		
申报品牌 Brand Name			
产品/方案名称 Product/Solution Name	Industry 4.0 IoT Application Suite for Smartglasses	产品型号 Product Model	方案类可不填写 N/A for Solution Application
市场价格 Market Price	方案类可不填写 N/A for Solution	销售范围 Sales Scope	Smart Factories globally
上市时间 Time of start selling	2017	总销售量/或 销售金额 Sales Volume	Confidential

<p>核心创新点、或卖点简述 Core point of innovation</p>	<p>Augumenta Industry 4.0 application suite consists of smartglass and smartwatch applications that integrate seamlessly with IoT data sources and industrial machines. The applications allow easy monitoring of incoming data and control of machines remotely. The applications can be personalized for each industry worker with our configuration tool; in other words, each worker can choose what data he/she wants to see on the devices.</p> <p>The applications are intuitive to use thanks to various interaction methods supported and can be deployed within days without a lengthy and costly integration period needed.</p>
<p>申报产品详细介绍 Details information</p>	
<p>关键参数/技术指标 Key Parameter/ Technical Index</p>	<p>Augumenta smartglass applications are device-agnostic and can be deployed on all smartglass devices. They support various IoT protocols such as MQTT, Modbus, OPC UA, HTTP Rest etc., and are able to receive and render incoming data in realtime as well as send control commands to remote parties.</p>
<p>产品功能及特点描述 Product function / Feature Description</p>	<p>Augumenta SmartAlert brings mission-critical IIoT data and alerts right in front of the eyes of shop floor workers using smartglasses and smartwatches. With SmartAlert you have a real-time view of the production status and can react to upcoming issues proactively. Thanks to wearable devices, information is available across the production area, allowing workers to move around freely and stay informed.</p> <p>Augumenta SmartPanel is a customizable and cost-efficient Augmented Reality user interface to control and monitor machines in Industry 4.0 environment. The SmartPanel interface uses smartglasses to supplement or replace traditional hardware-based control panels, and brings benefits such as flexibility, enhanced security and lower TCO. With the cost of a single panel being close to zero and the templates scaling to any size, they can be installed across the shop floor; the closest monitoring and control station is always right next to you! Panel layouts consist of machine control and data rendering widgets</p>

	<p>that can be customized to look like traditional controls, making user migration easy. A live demo can be viewed online at https://vimeo.com/214365449 and https://vimeo.com/169381950</p> <p>In addition to industrial applications, we also provide a tool called Augumenta Studio. The tool is used to configure how the applications behave; in other words, where IoT data should be received from, what protocols should be used, and how it should be presented to users on smartglasses or watches. Augumenta Studio completely eliminates the need for manual programming, this easy-to-learn method cuts down design and deployment times from months to weeks if not to days, and there is no need for expensive 3rd party consulting services; our customers can do this task by themselves.</p>
<p>产品外观照片/宣传彩页 Photo / Brochure</p>	<p>Brochure attached in email.</p> 



企业介绍
Company
Profile

Augumenta develops productivity tools for digital industries. With our solutions, workers equipped with smartglasses and smartwatches gain real-time visibility into IoT data and KPIs that help them perform their daily tasks in a more efficient manner. They also receive alerts and instructions that guide them smoothly through sometimes problematic troubleshooting scenarios. Wearable devices are a perfect solution for today's digital workplaces where various kinds of IoT data is available; Augumenta applications turn this data into actionable insights that workers can base their actions on.

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Augumenta solutions have been recognized on markets as advanced ones that can truly disrupt industries. We won Digital Factory Challenge 2017 arranged by Nokia, and were one of the five finalists for Hermes Award. Our customers see Augumenta as a company that delivers robust solutions in a quick manner. Our solutions are based on in-house deep tech research and protected by patents and patents pending.

	<p>We license our applications on SaaS basis to end customers such as factory operators and device manufacturers.</p> <p>We are engaged with over 250 companies globally. We can mention a couple of public customer references: 1) Siemens is using our solutions in their smart factories in Germany, and 2) Liquid Controls are deploying smartglasses with Augumenta software to airport operators. Generally speaking, our customers are working with Augumenta to improve their daily operations by bringing IoT data, alerts and controls to workers in real-time.</p> <p>We work closely with our strategic smartglass hardware partners: Epson, ODG, Vuzix, Google and Jorjin. Our operations are backed by investors active in industrial IoT and AR fields.</p>
<p>创始人或核心团队介绍/附照片 Introduction of core team or founder</p>	<p>Augumenta was founded and lead by three founders: Tero Aaltonen (M.Sc, CEO), Peter Antoniac (Ph.D., CTO) and Damien Douxchamps (Ph.D., Head of Research).</p> <p>Tero has twenty years of experience in mobile and AR businesses from engineering to sales and business development globally, with expertise covering the entire value chain from chipset vendors to OEMs and operators. In his daily duties at Augumenta he leads sales, marketing, strategy, finances and product management.</p> <p>Peter started his academic research on augmented reality in 1999, resulting in one of the first Ph.D. degrees on this field. Augumenta's initial product ideas were based on his research findings. Now he's our development team lead and responsible for making our software work on any device.</p> <p>Damien has had a long career in Japan in both academia and industry, ranging from automotive, aircraft and fundamental research to non-conventional sensors applications and multi-touch devices. He invented the most accurate and stable camera calibration procedure 10 years ago, still unmatched today, and created the world first large LCD multi-touch table. At Augumenta his responsibilities consists of computer vision research, algorithm development and AI.</p> <p>The founding team is surrounded by talented SW experts:</p> <p>Harri Kovalainen, a long-term Android SW architect with experience on mobile, tablet, smartwatch and smartglasses development. His skills ensure that Augumenta applications run reliably and at low power consumption; critical features for wearable devices.</p> <p>Erno Kilpeläinen, a M2M communications expert coming from heavy machine industry. He's skilled in various industrial protocols, including modern IoT ones as well as legacy implementations.</p>

An Pham, full stack web developer, responsible for Augumenta Studio, our intuitive web-based tool for building our AR control panels and alarm interfaces.

The core tech team is supported by 4 employees working in operations, and marketing and sales, making our total headcount 10 persons. We use subcontractors for additional manpower and recruit new employees actively.

申报企业确认
Confirm and stamp

本单位严格按照《2018 全球物联网创新成果点映评选办法》及其有关规定，如实提供相关材料。

不存在任何违反国家有关法律法规的情形，并确认以上申报产品无知识产权纷争。如有不符，本单位愿意承担相关后果并接受相应的处理。

Our company well understand and fully accept all rules regarding 2018 Global IOT Contest. All the material we provided is veritable and reliable, without any intellectual property rights dispute.

申报人签字:

申报单位 (章): 申报日期:

Signature and Stamp:



Tero Aaltonen, CEO & Co-Founder, Augumenta Ltd.