



***[Press release embargoed until 7 am UK time on 7 October 2015]***

## **Open Interconnect Consortium and HyperCat Collaborate on Internet of Things**

### **New partnership focuses on complete IoT interoperability, making devices more discoverable and interoperable**

Open Interconnect Consortium (OIC) and HyperCat today announced that they plan to collaborate to make Internet of Things (IoT) devices and data more discoverable and interoperable. This addresses two of the central challenges of the rapidly evolving IoT: firstly, how to find relevant and trustworthy data from connected “things”; and secondly how to make it easier for those things to talk to each other. Solving these interoperability challenges will unlock trillions in value worldwide.

HyperCat is focused on making data from a connected thing or device discoverable, searchable and addressable. The HyperCat standard is intentionally brief and will be accessible to all – encouraging wide-scale adoption.

Open Interconnect Consortium (OIC) is delivering a specification, an open source reference implementation, and a certification program around a communications framework that will ensure interoperability between devices regardless of form factor, operating system, service provider, or transport technology. The consortium brings together companies from diverse markets including automotive, consumer electronics, enterprise, healthcare, home automation, industrial, and wearables.

OIC could use HyperCat in the future to define relationships between resource types, catalogue them, and make them searchable. This would be especially useful when describing complex environments.

Justin Anderson, HyperCat lead and CEO of Flexeye commented, “The greatest value from the IoT will come when we combine the intelligence from multiple devices to create new and improved services. The HyperCat standard, together with the OIC specification, will go a long way towards delivering the required interoperability. A recent McKinsey report estimated that this interoperability is essential to unlock 40% of the \$11 trillion potential value of the IoT.”

“OIC and HyperCat complement each other so this collaboration is a natural progression. We’re already taking practical steps to share thinking and encourage collaboration with our member companies,” said Mike Richmond, executive director of OIC. “Both OIC and HyperCat are making technical choices that benefit from decades of software experience that brought us the information architecture of the web and the protocols underlying scalable cloud services. These choices are essential to realize the benefits of IoT.”

### **About HyperCat**

HyperCat is a consortium and standard driving secure and interoperable Internet of Things (IoT) for Industry.

The HyperCat specification allows Internet of Things clients to discover what data an IoT server has available. It is built on the same Web standards that are now common for that



interface, i.e. HTTPS, REST/HATEOAS, JSON. With HyperCat, developers can write apps that will work across many servers, which helps to break down the walls between today's vertical silos.

[www.hypercat.io](http://www.hypercat.io)

### **About Open Interconnect Consortium (OIC)**

Open Interconnect Consortium was established by leading technology companies with the goal of defining the connectivity requirements and ensuring interoperability of the billions of devices that will make up the emerging Internet of Things.

[www.Openinterconnect.org](http://www.Openinterconnect.org)

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