



Introducing Hypercat to the IoTAA 20 July 2016
An Anglo-Australian collaboration for Smart Cities & IoT

Introducing Hypercat

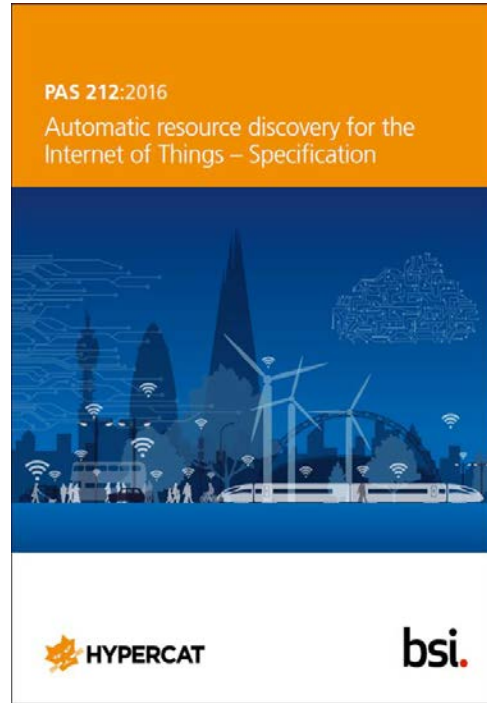
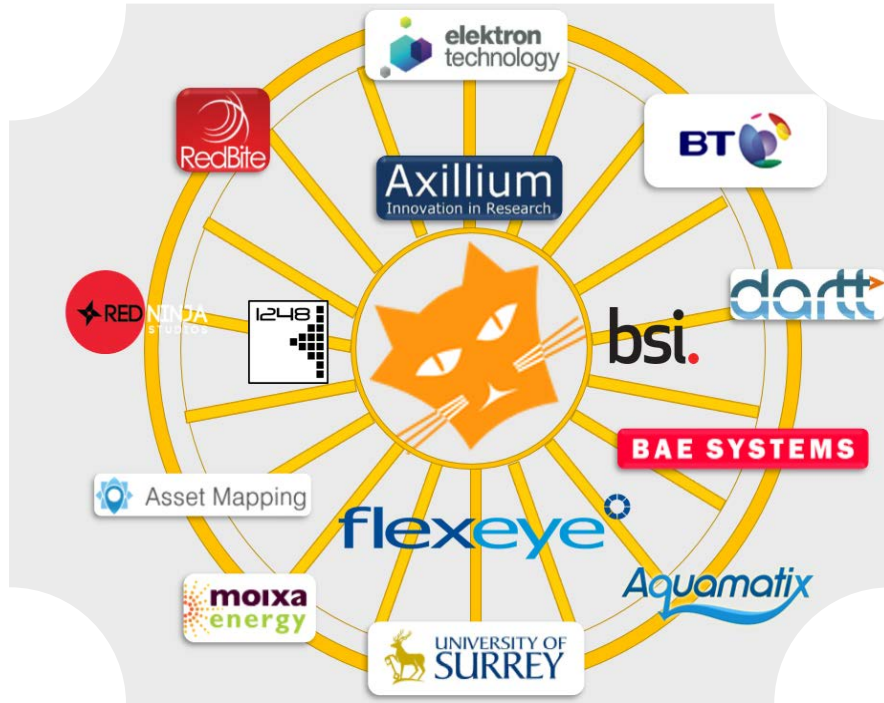


- Hypercat is a consortium and standard driving secure and interoperable Internet of Things (IoT) for Industry and cities
- It was established in the UK by Justin Anderson, Chair of Flexeye, with support from the UK Government (UK Trade & Investment)
- HyperCat aims to accelerate market adoption of IoT by creating an interoperable ecosystem to give confidence to the buy side that they can evolve systems and avoid vendor lock in
- The HyperCat Alliance aims to create an inclusive one-stop shop of best practice IoT implementation through the sharing of knowledge of processes and applications
- HyperCat currently has more than 1000 members from industry and the IoT ecosystem
- Proposed collaboration with BSI, W3C and Standards Australia

www.hypercat.io



PAS 212 Automatic resource discovery for the Internet of Things – Specification

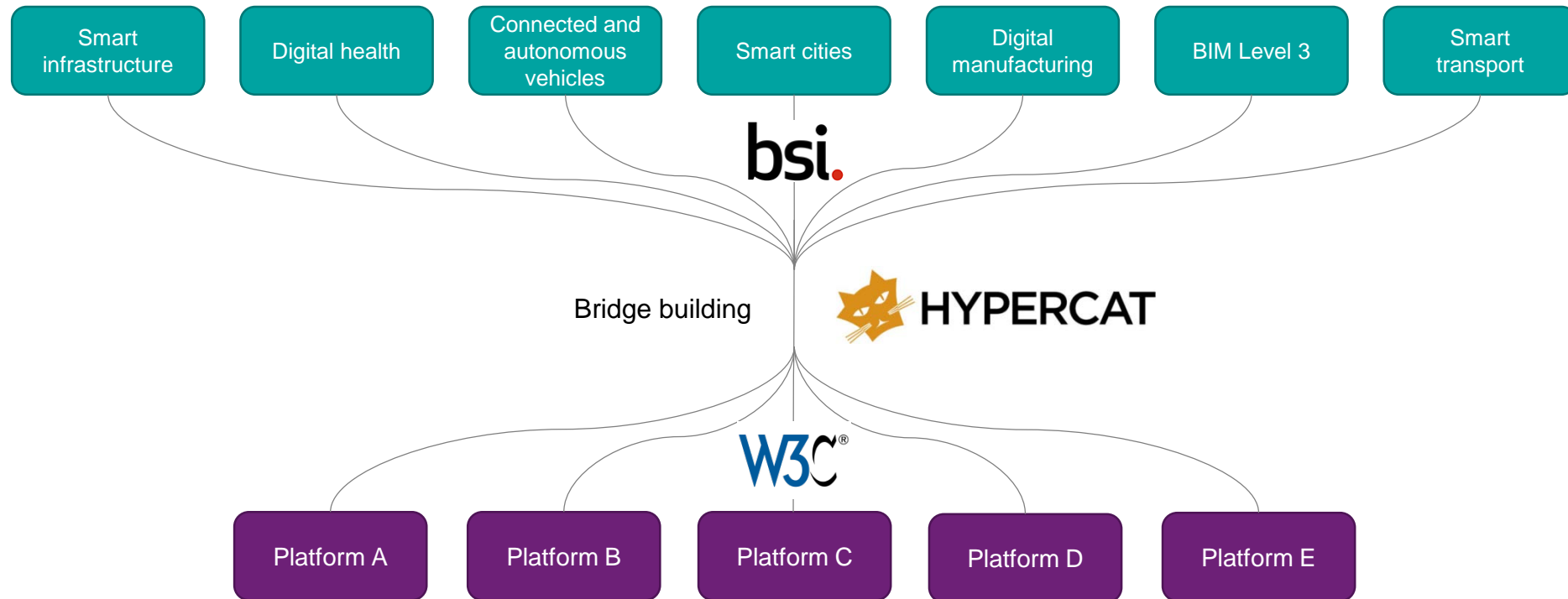


<http://shop.bsigroup.com/pas212download>

Proposed BSI / W3C Collaboration



Convening communities, finding consensus and accelerating market development



The Web of Things approach: bridging isolated platforms

Hypercat in Australia



- We are at advanced stages of establishing the Australian chapter of the Hypercat Alliance
- Our vision is to establish it as an **Anglo-Australian collaboration in Smart Cities** driving standards and interoperability in IoT
- Planning to launch in the second half of this year with Australian government support
- Local Board of Directors:
 - Justin Anderson, CEO Flexeye
 - Chris McLaren, National Leader TMT, KPMG Australia
 - John Stanton, CEO, Comms Alliance & IoT Alliance of Australia
 - Catherine Caruana-McManus, Smart Cities Evangelist and Director, Giant Ideas
 - Mike Briers AO, Professor of Industrial IoT University of Sydney and CEO of the Knowledge Economy Institute
 - Michelle Fitzgerald, Chief Digital Officer, Smart City Office, City of Melbourne (under consideration)
- Will also be seeking local advisors and members...

Hypercat standard is a hypermedia catalogue format designed for exposing information about the Internet of Things assets over the web.

Hypercat is an open, lightweight JSON-based hypermedia catalogue format for exposing collections of uniform resource identifiers (URLs) for exposing information about IoT assets over the web. It is extremely simple, described by one participant as "the most that 40 companies could agree on" with a strong security model. Using HTTPS, REST and JSON, each Hypercat catalogue may expose any number of URIs, each with any number of resource description framework-like (RDF-like) triple statements about it.



Thank You
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