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15. - 16. december 2015

Kongresni center Brdo pri Kranju

Informatika v javni upravi 2015

“Odprimo digitalni potencial javne uprave”

Potencial
Interneta Stvari

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Vidonja
15.12.2015

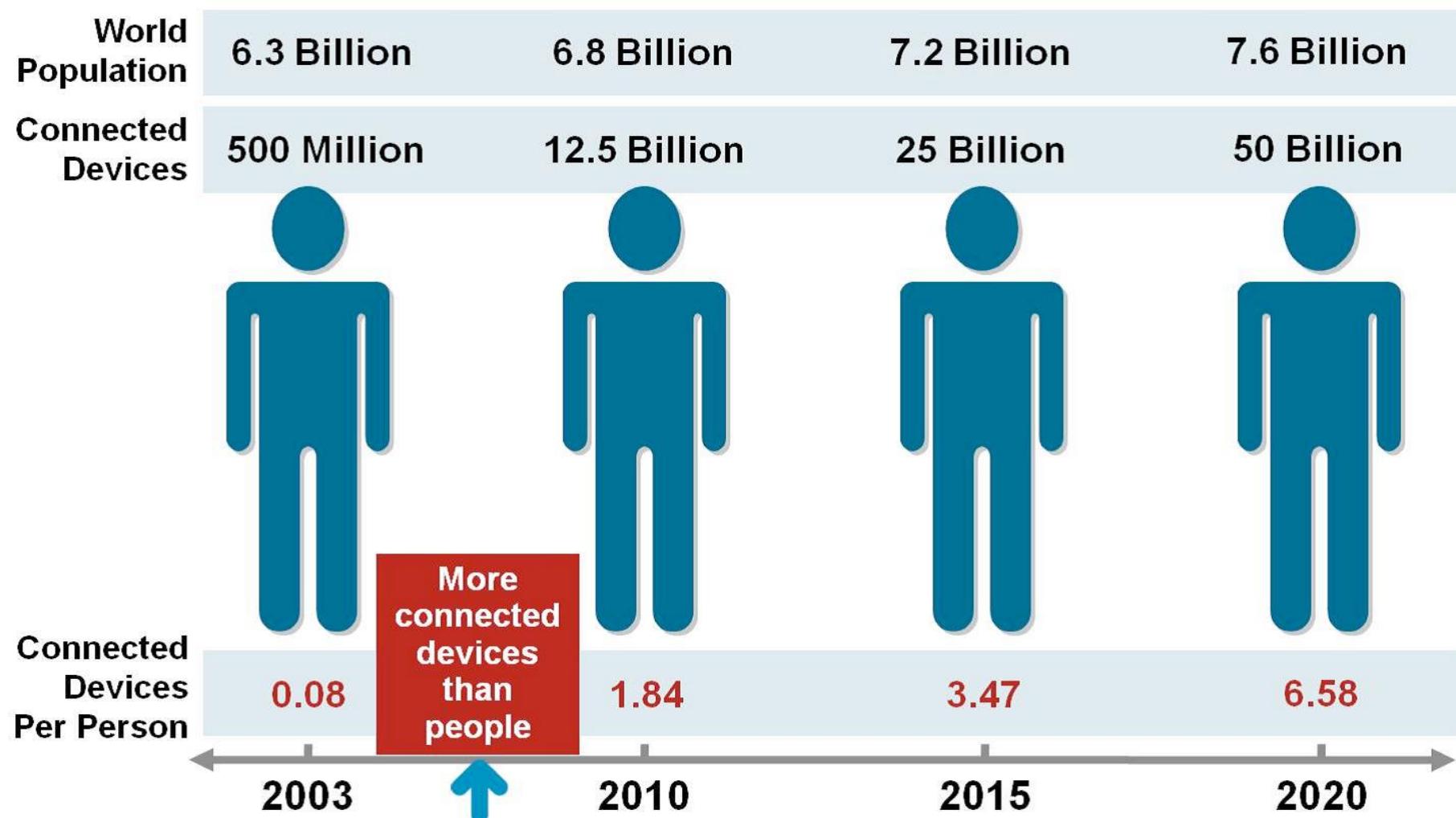


slovensko
društvo
informatika

www.iju2015.si



Internet stvari





Internet stvari



LIGHT



HUMIDITY



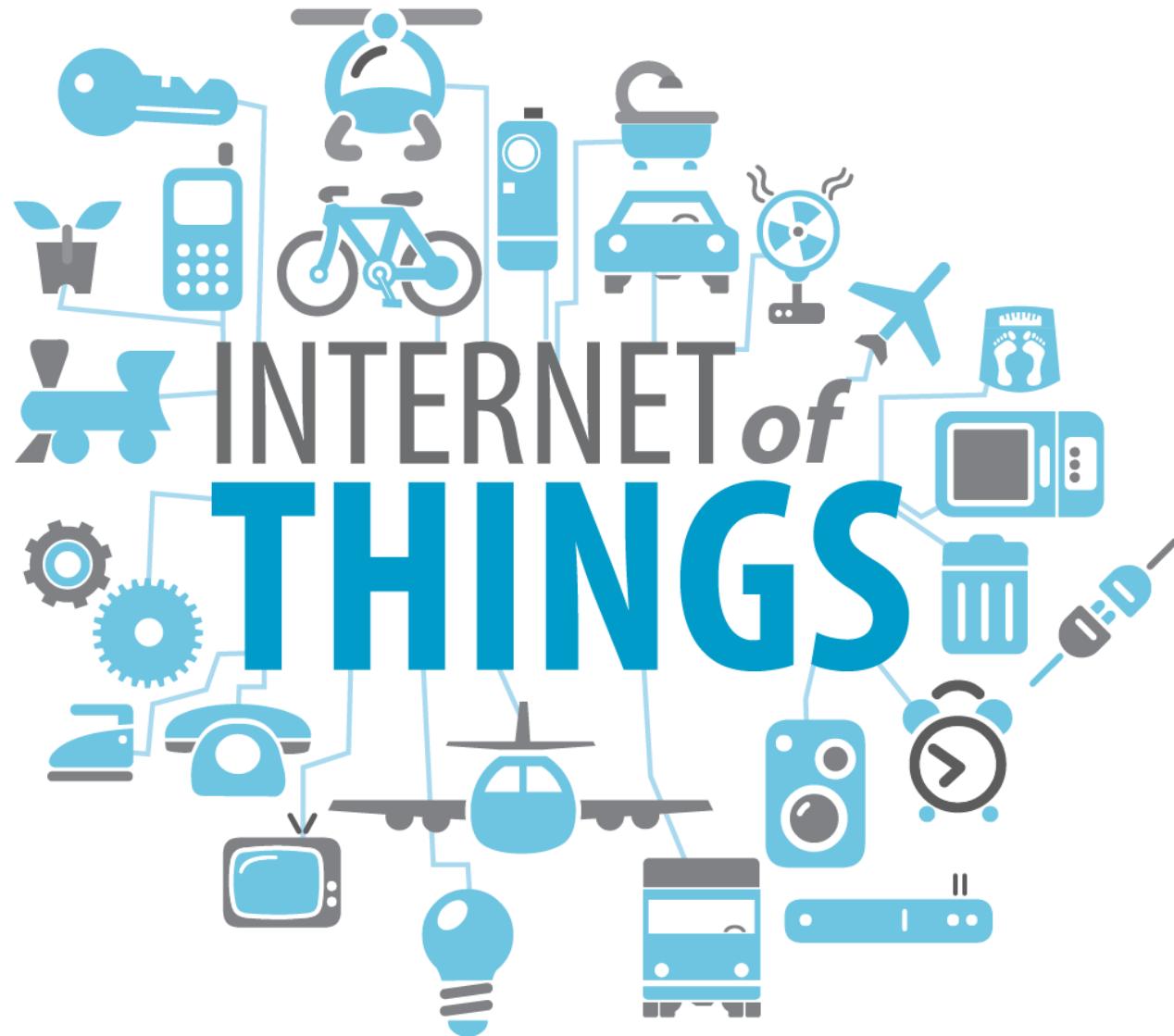
MOTION



LIQUID LEVEL

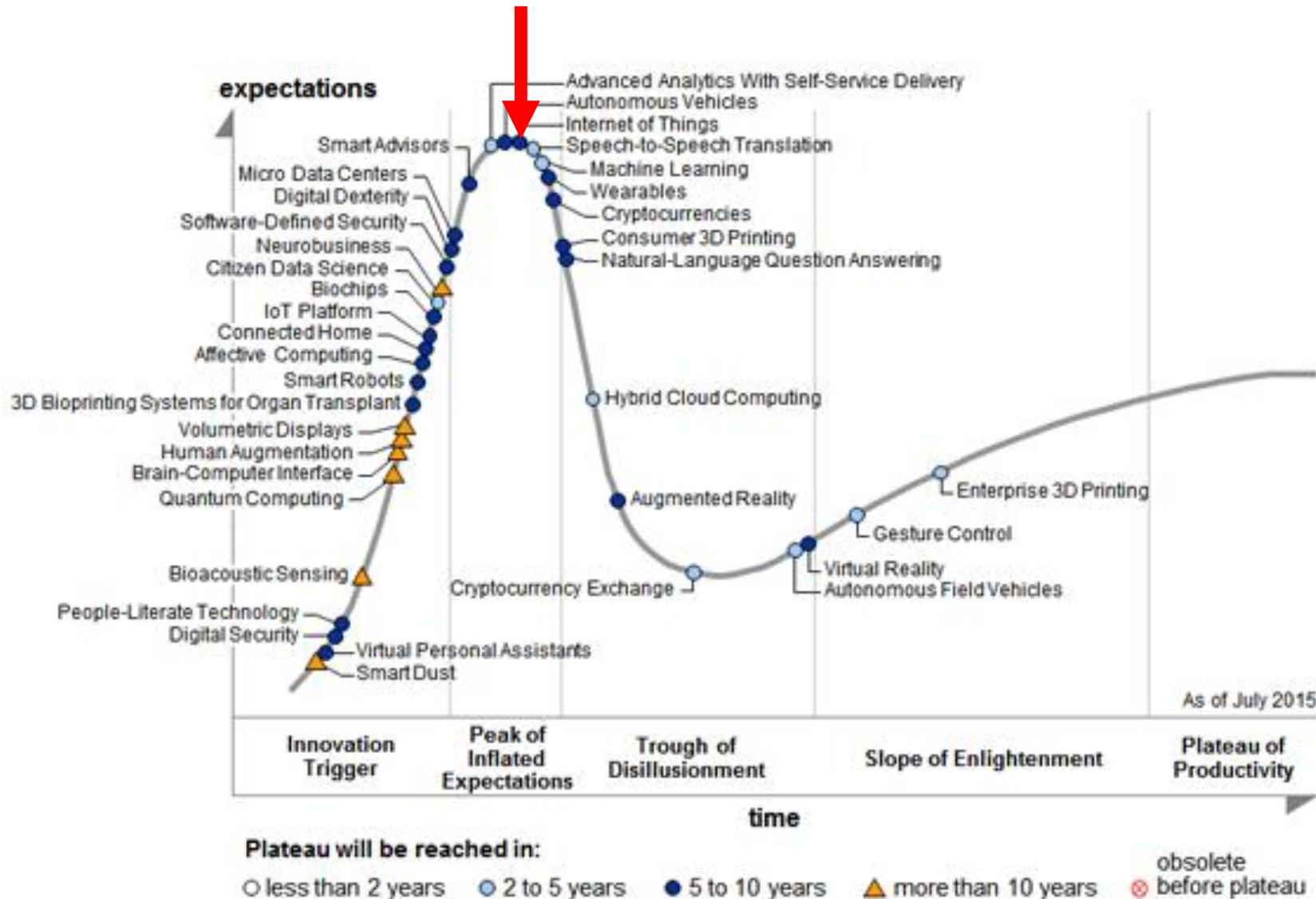


SEAT OCCUPANCY



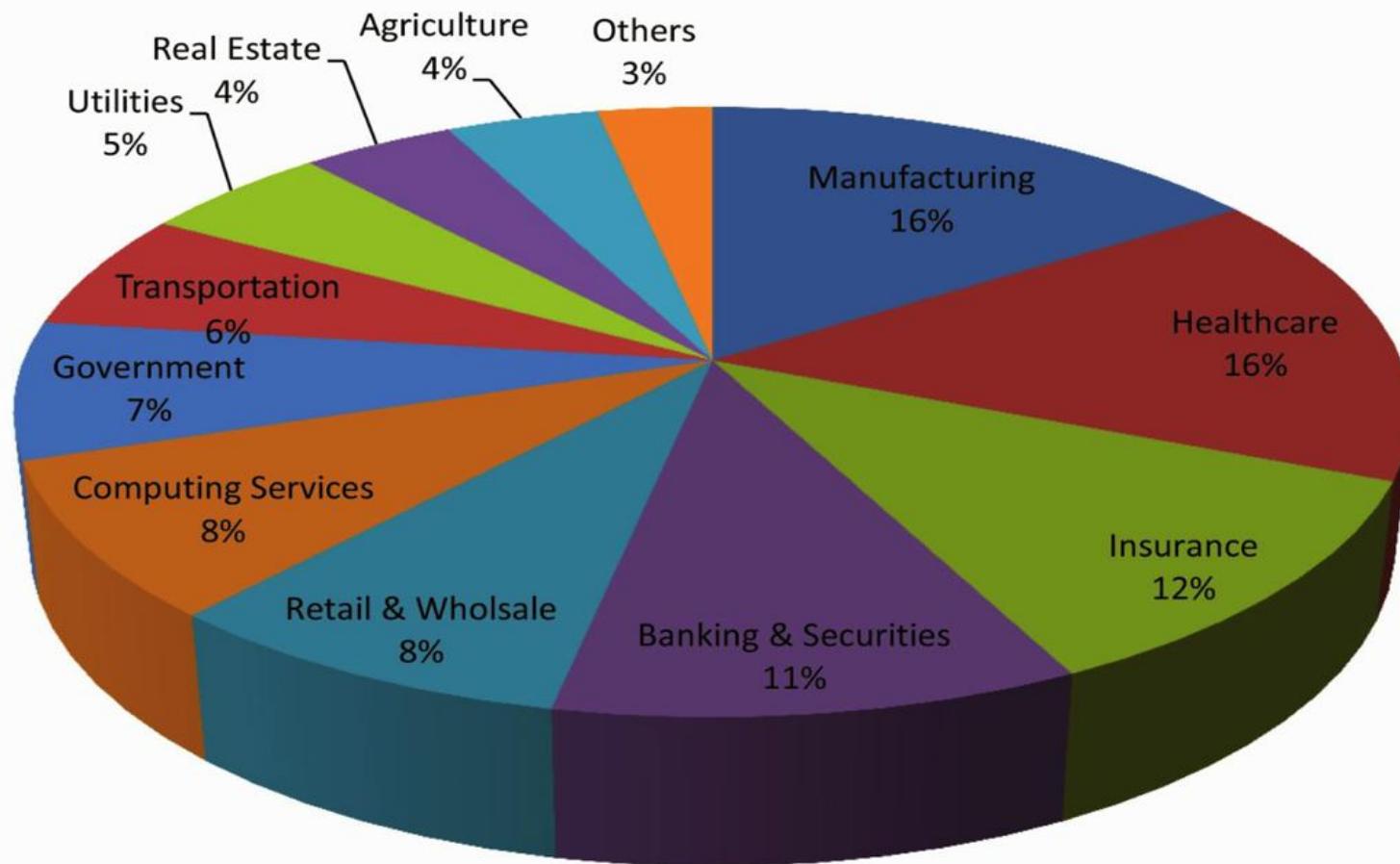


Internet stvari, tehnologija prihodnosti





Ocena velikosti IoT trga (do 2020): 1,9 trilijona \$



IoT value add by 2020 - \$1.9 Trillion

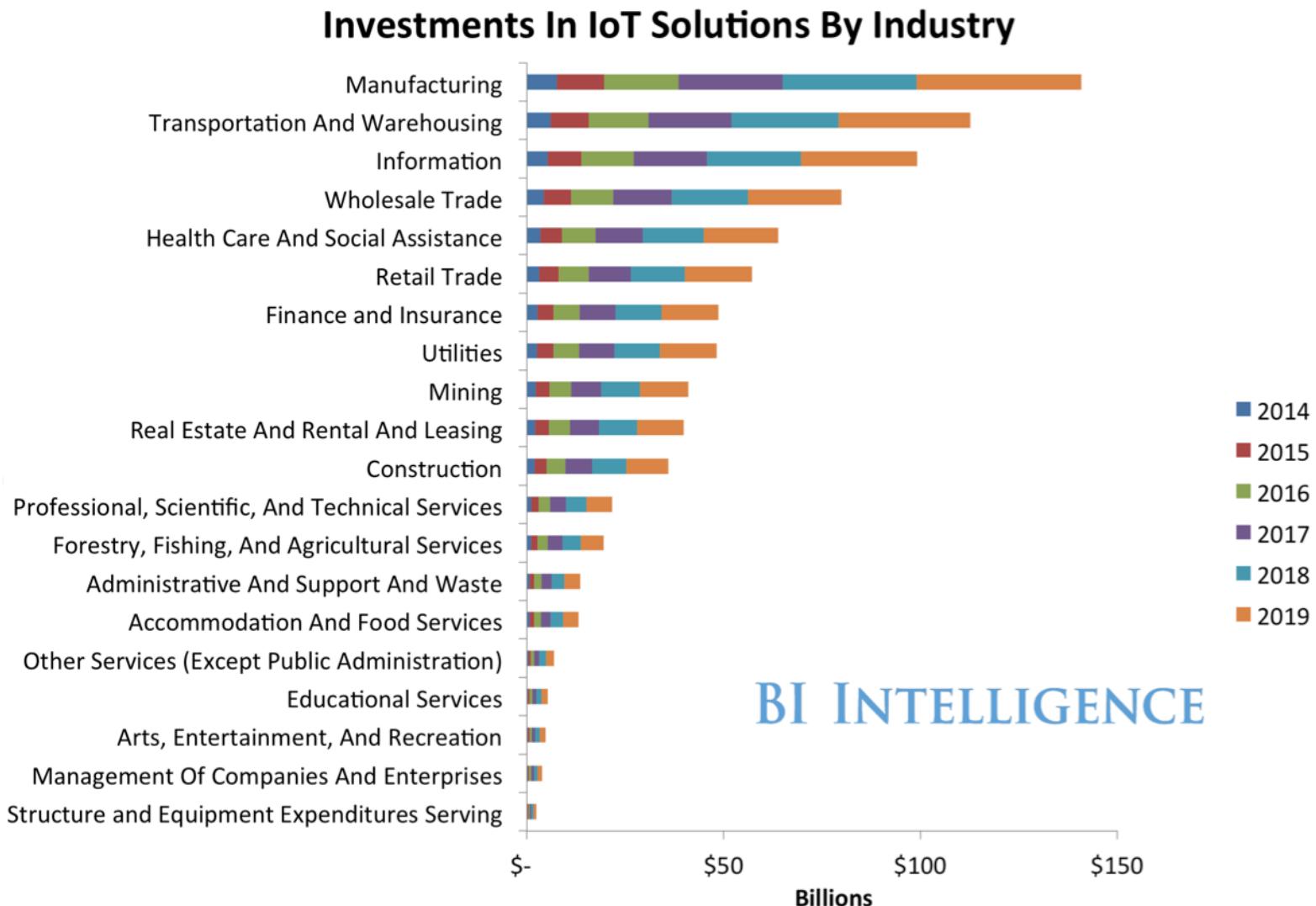


Elementi dodane vrednosti v IoT





Investicije v IoT



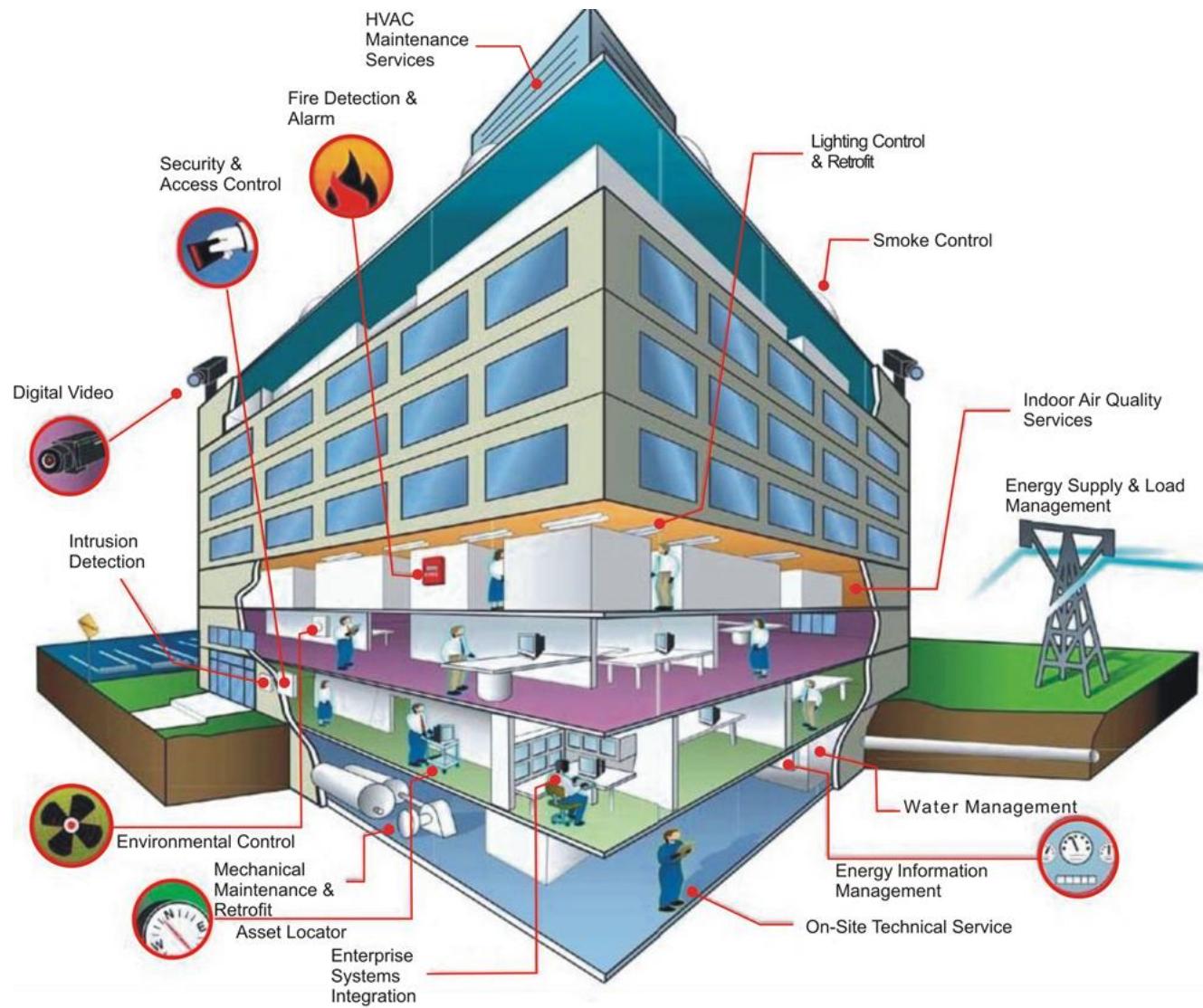


Wearables





Pametne stavbe





Domača avtomatizacija



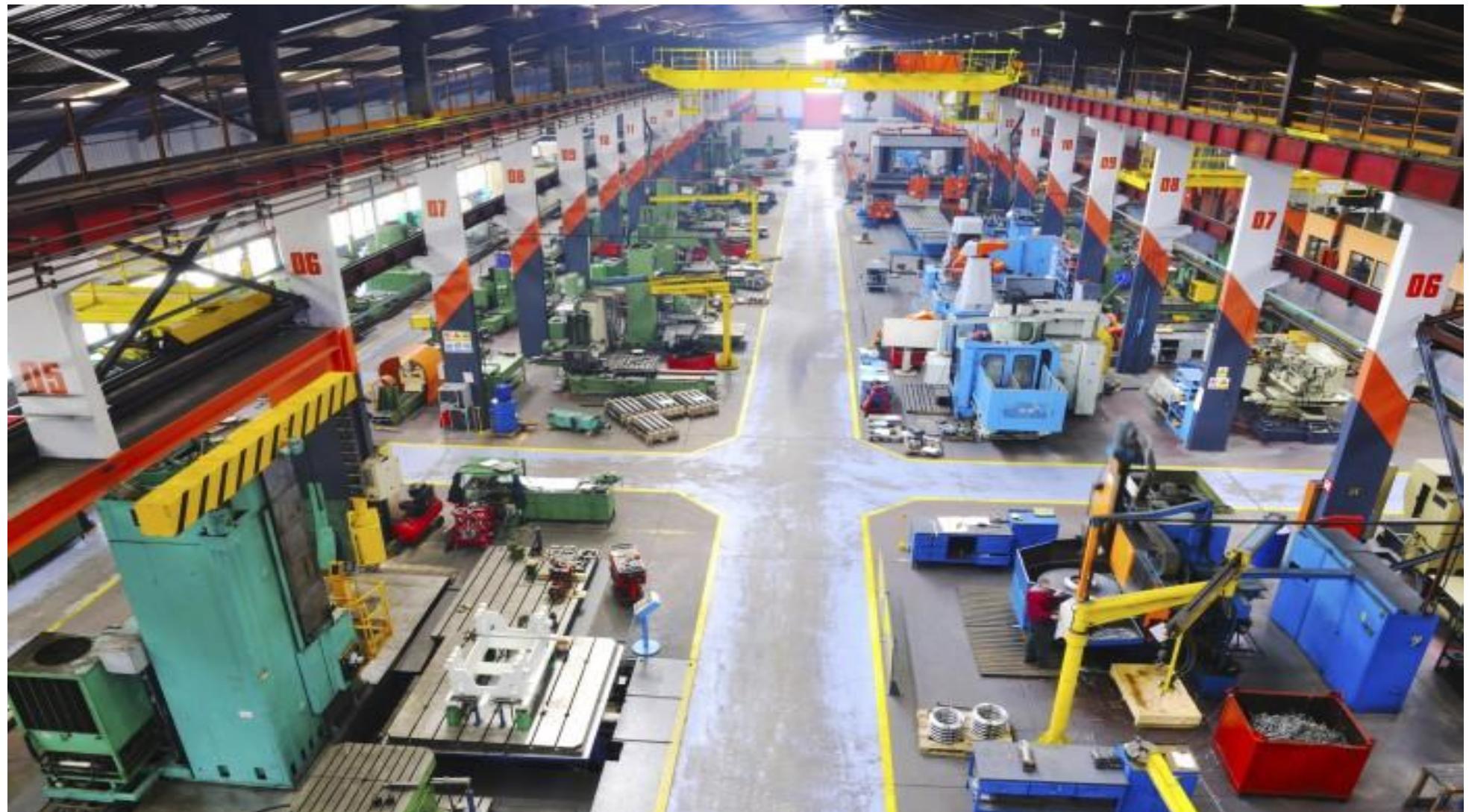


Pametna mesta



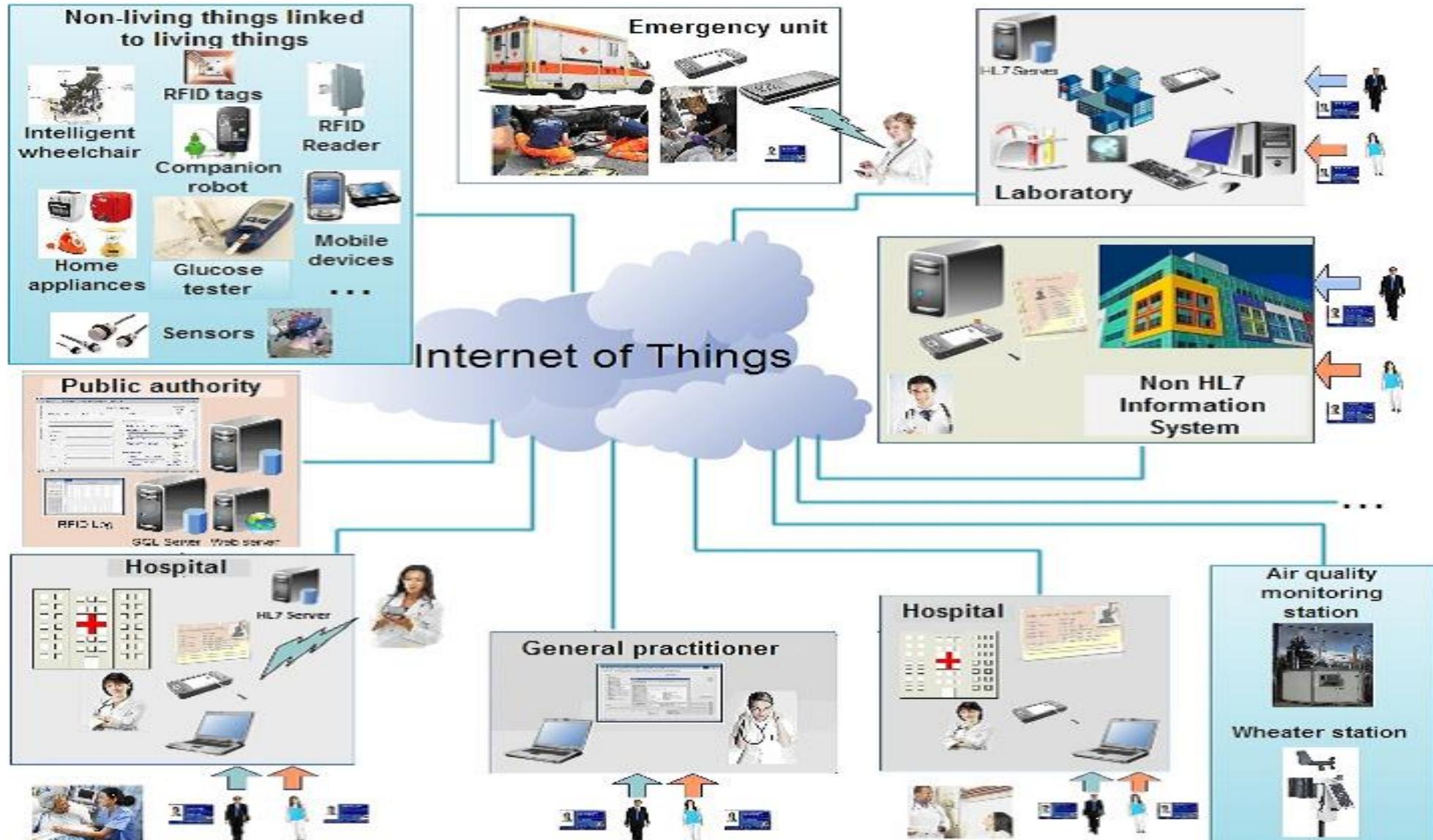


Pametna proizvodnja



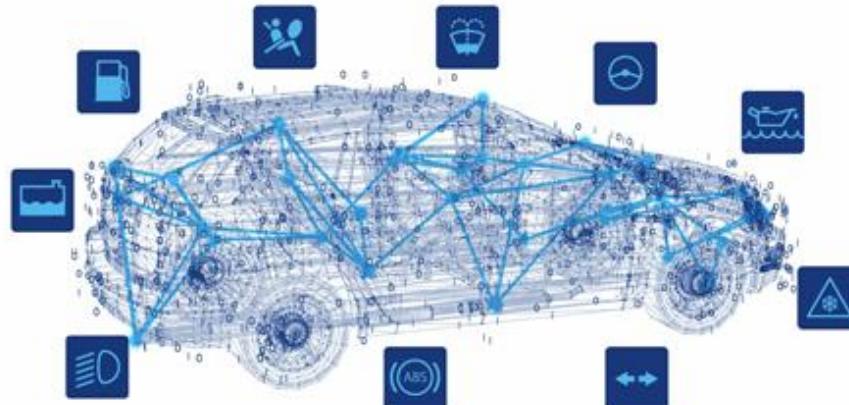


Zdravstvena oskrba





Avtomobilska industrija





Izzivi

OIC

AllSeen

Thread

oneM2M

Members	Intel, Samsung, CISCO, GE Software, 71 others.	Qualcomm, LG, Microsoft, Sony, Panasonic, 151 others.	Nest(Google), Freescale, ARM, Samsung, Silicon Labs, 134 others.	ARIB, ATIS, CCSA, ETSI, TIA, TSDSI, TTA, TTC, 222 others.
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Application Layer	HTTP, CoAP	Bus Attachment, AllJoyn Message, Routing Node, AllJoyn Transport	-----	HTTP, CoAP, MQTT
Transport Layer	TCP/UDP	TCP/UDP	TDP/UDP	TCP/UDP
Network Layer	IPv4/IPv6	IPv4/IPv6	6LoWPAN(IPv6)	IPv4/IPv6(6LoWPAN)
Data Link Layer	-----			
Physical Layer	(Bluetooth, WiFi, Zigbee, Z-Wave, ANT, 3G/4G, etc.)			



Vloga države

Strategija in infrastruktura

Vključevanje v asociacije

- AIOTI (The Alliance for Internet of Things Innovation)
- IERC (European Research Cluster on the Internet of Things)
- OASC (Open Agile Smart City initiative)
- ...
- IoT kompetenčni centri in centri odličnosti
- Skupne IoT platforme
- ...





Hvala za vašo pozornost!

Prof. dr. Marko Bajec



Fakulteta za rač. in inf., UL
Laboratorij za podatkovne tehnologije



TM ICT
IoT Inovacijski center