



ΕΘΝΙΚΟ ΚΕΝΤΡΟ
ΕΡΕΥΝΑΣ ΚΑΙ
ΤΕΧΝΟΛΟΓΙΚΗΣ
ΑΝΑΠΤΥΞΗΣ



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Έντυπο περίληψης

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Τίτλος παρουσίασης: From Data to Decisions
Keywords: Big Data, Internet of Things, Data Analytics
Περίληψη Τεχνολογίας (περίπου 150 λέξεις): Billions of devices connected to the Internet of Things are accelerating a new era of data analytics and promises to revolutionize efficiency and create industry-shifting services. The Big Data Market reached \$18 billion in 2013 and is expected to reach \$32.4 billion by 2017, or about six times the growth rate of the overall information and communication technology market. There are six areas of innovation in Big Data that can be addressed by companies and academia in our region (Northern Greece): <ul style="list-style-type: none">• Infrastructure to store and move large amounts of data• Data integration tools to ingest vast quantities of high velocity data• Data management solutions to manage the data• Analytics and visualization that transform data analysis to business insights• Applications and solutions that incorporate new database and analytical tools to address industry and Big Data specific problems• Service providers including analysts, consultants and system integrators that help companies understand and implement new Big Data technologies. DECURIO in Germany, MSI Worldwide in USA and the Greek partner, are focusing considerable research and development on enabling businesses and consumers to benefit from the Internet of Things and the emerging Big Data economy.

Σε ποιον/ποιους από τους ακόλουθους κλάδους της οικονομίας μπορεί να εφαρμοστεί η προτεινόμενη τεχνολογία ;	Σημειώστε με X
Δημιουργική βιομηχανία	
Ενέργεια	
Μεταφορές & Logistics	X
Νέα Υλικά	
Περιβάλλον & Βιώσιμη Ανάπτυξη	
Πρωτογενής παραγωγή, Τρόφιμα, Αγροβιοτεχνολογία	
Τουρισμός, Πολιτισμός	
Τεχνολογίες Πληροφορικής & Επικοινωνιών	X
Άλλος (αναφέρατε)	
Σε ποια από τις ακόλουθες ευρύτερες τεχνολογίες (που αντιστοιχούν στον ευρωπαϊκό πρόγραμμα για την έρευνα «Ορίζοντας 2020») εντάσσεται η προτεινόμενη τεχνολογία;	Σημειώστε με X
Content technologies and information management (Big Data and Open Data technologies, Machine translation, Tools for creative content, media and knowledge industries, Multimodal and Natural Computer Interaction)	X
Future Internet (Future networks [Smart Networks and novel Internet Architecture, Smart optical and wireless network technologies], Advanced network and service infrastructure focusing on 5G, Cloud computing, Innovative tools and methods for software development, Experimental platforms, Collective Awareness platforms, Web Entrepreneurship (WE))	
ICT Cross-cutting activities (Internet of things, Digital SSH, Cybersecurity, International Collaboration, Horizontal Support to Innovation)	X
Robotics and smart spaces (Roadmap-based research in robotics)	
Factories of the Future (Process optimization of manufacturing assets, ICT-enabled modelling, simulation, analytics and forecasting technologies, Innovation for Manufacturing SMEs)	
Smart, green and integrated transport (Mobile Services for Intelligent Transport Systems, ICT for smart logistics, Digital infrastructures for transport and mobility)	
Health, demographic change & wellbeing (ICT solutions for older people with cognitive impairments, robotics in support of active and independent living, ICT solutions for integrated care, Digital representation of health data, adoption of a clinical and reference information model for eHealth, Semantic interoperability of electronic prescriptions, ePrescriptions)	X
Secure, clean and efficient energy (Energy efficient building via interoperability of ICT tools, Smart Electricity Grids, Smart cities and communities)	
Secure societies (Access Control, Secure Information Sharing, Trust eServices, ICT in Critical Infrastructure Protection)	
Inclusive, innovative and reflective societies (Preservation of digital art, ecosystem of digital cultural assets, ICT tools and services for learning and teaching, Digital Social Platforms, emerging ICT technologies in the public sector, eParticipation in open government, M-Government)	X
e-Infrastructures (Data-centric science and engineering, Computational infrastructure, GÉANT)	
Components & Systems (Cyber-Physical Systems (CPS), Smart Miniaturized Electronic Systems)	
Advanced Computing (Customised and low-power computing)	

**Ημερομηνία λήξης για την υποβολή περιλήψεων είναι: 28 Απριλίου 2014.
Παρακαλούμε να αποσταλεί η περιληψη στο e-mail: serve@serve.org.gr**

**Υπό την αιγίδα
της Γενικής Γραμματείας Έρευνας και Τεχνολογίας**

