

interactions between government and citizens. data collection about our government and citizens. data collection about our scaling and processing of physical and natural vast amounts of location vast amounts of location planes and drones provide planes and drones provide version expands the amounts of location version expands the amounts of location planes and drones provide version expands the amounts of location version expands the amounts of location planes and drones provide version expands the amounts of location versions the amounts of location version expands the amounts of location versions the location version version versions the location version ve	Accelerator	devices	Sensors	storage	learning	imagery	integration	(Internet Protocol Version 6)
location, direction and movement, enabling movement, enabling movement and other stakehold- ers to share geo-data. ment and other stakehold- scan new data to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface, systems for modeling websites and apps to head to identify anomalies and patterns the Earth's surface.	Impact	interactions between government and citizens. • Device sensors can detect location, direction and movement, enabling contextualized services, and generating billions of new	data collection about our physical and natural infrastructure, offering a vibrant picture of trends across a range of data	scaling and processing of vast amounts of location data, and enables govern- ment and other stakehold-	smarter with practice by 'learning' from historical spatial data, software can scan new data to identify anomalies and patterns	and government satellites, planes and drones provide a near real-time picture of the changing conditions on the Earth's surface, enabling government and citizens to observe and understand human activity, land use patterns and nat-	Modeling, Computer Aided Design and Geographic Information Systems; these traditionally separate systems for modeling physical structures are increasingly connected, enabling seamless asset tracking and analysis inside	- The way the Internet communicates. This new version expands the amount of addresses and improves geolocation, enabling more websites and apps to have a better sense of a user's location.

	contextualized services, and generating billions of new data points.	sources.		that yield predictive insight.	enabling government and citizens to observe and understand human activity, land use patterns and natural features like climate.	physical structures are increasingly connected, enabling seamless asset tracking and analysis inside and outside of structures.	better sense of a user's location.
Today	Geo-tagged tweets and text messages are used to connect with citizens.	Cities can monitor and track air quality to inform better regulations.	Agencies share geo-data on a common platform.	Law enforcement can create predictive models for violent crimes.	Imagery provides aware- ness about events like natural disasters, migration patterns and foreign conflicts.	Site planners and inspectors use GIS and building specifications to perform more uniform evaluations.	Road signs, utilities and other infrastructure are connected to the internet.
Tomorrow	Government uses	Government can trace	Real-time data from millions of sources are	Unstructured social data becomes instant insight for	More granular imagery allows for remote monitor-	Directions seamlessly continue from outdoors to	Emergency managers rapidly

policy makers.

ing of public infrastructure

to predict future needs.

inside buildings.

points from thousands of

inanimate objects.

information to individuals

based on location.

source immediately, and

even predict an outbreak.

securely available

anywhere, anytime.