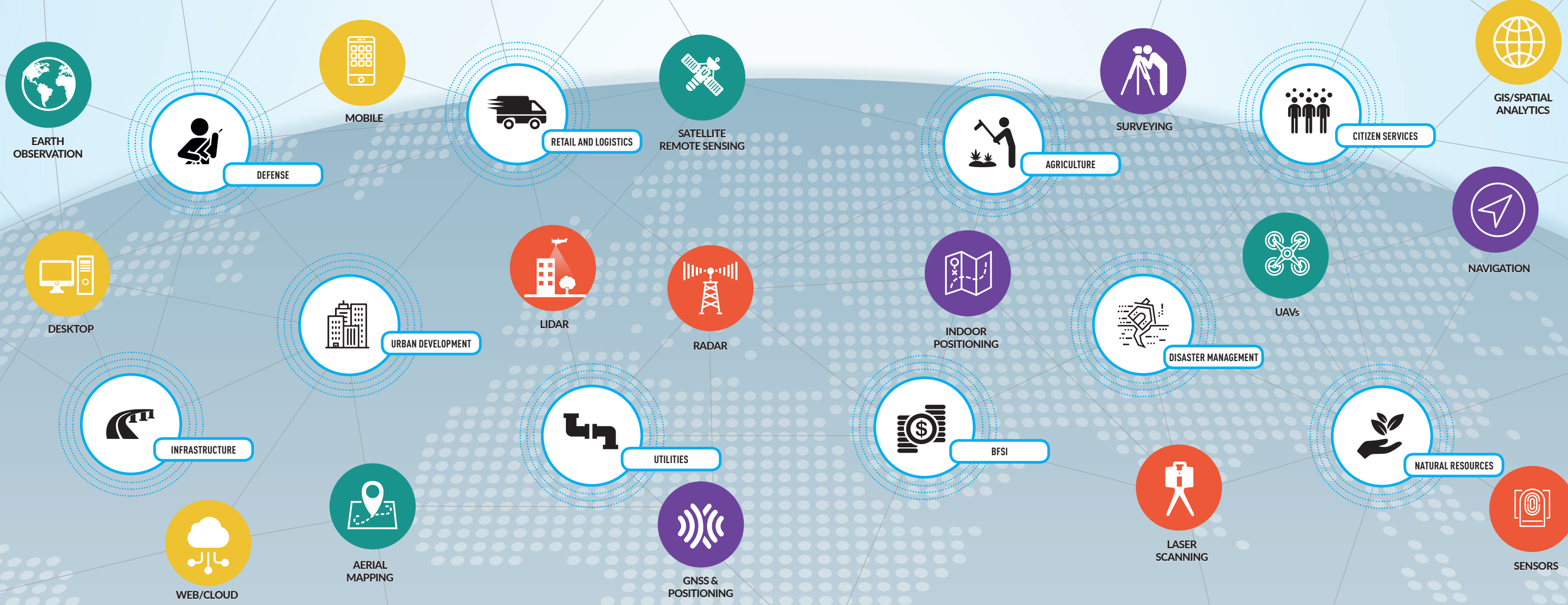


GEOSPATIAL AT CUSP OF EMINENCE IN KEY SECTORS OF GLOBAL ECONOMY



Technologies accelerating Geospatial Industry Growth

| | Big Data | Cloud | Artificial Intelligence | IoT | Wireless & Broadband |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Impact | Some of the technologically agile sectors such as BFSI, Smart Cities, Retail & Logistics and advertising have already started to harness Big Data for more targeted outreach. | Cloud computing is providing a range of benefits to organizations of all sizes in terms of lower investments in data storage, processing and ease of sharing. | AI is helping us discern patterns and trends from huge sets of structured and unstructured data, flag events requiring attention, and take programmed actions. | The world of over 8 billion connected devices is growing at a rapid pace providing better and more streamlined information in consumer and business environments. | The entire gamut of ICT and geospatial technologies and wireless & broadband applications is playing a vital role as the backbone of today's digital ecosystem. |
| Future Imperatives | As the amount of spatial and non-spatial data being captured increases from the network of smart devices, new business models and services will transform the way we interact and transact. | It will play a crucial role in emergence of platform technologies and business models that would greatly impact the market of analytics, e-commerce, navigation, engineering, etc., wherever data has a spatial dimension. | Expected integration of the AI with geospatial technologies will pave the way for better workflow automation, process and project management. | Exploitation of the location data component from IoT systems are dramatically impacting the market of geospatial technologies, especially GIS/Spatial Analytics and GNSS. | Its impact on empowering citizens is expected to expand further in the future as the developing countries prepare the necessary infrastructure to bridge the digital divide. |