Fundamental Theory of Smart Cities

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The development of new digital services and social core infrastructure in digital passports and communication terminals, smart money, digital services and metaverses in collaboration with maps, unified communications, etc., proposes the construction of a smart city with unified standards.

The development of these core infrastructures of the digital society is based on the smart money system and self-authentication in digital passports, and the digitization of all reality calls for the construction of a new technological society in the analysis and management of big data and the construction of digital services with unified standards.

In addition, the framework of digital services linked to maps and the standardized metaverse environment can be linked to communication terminals and car navigation, proposing the construction of a digital society and the development of its new life system.

In addition, all communication environments will be standardized in unified addresses, and these unified addresses, along with self-authentication in digital passports, propose the construction of unified self-authentication, addresses, and IDs in all digital societies.

These are the standardization of services in unified addresses, with IoT as the core infrastructure in communication..

Digital services and metaverse environments linked to maps allow all stores and individuals to build their own reality within the framework of a digital society, and along with the standardization of these digital services, it is possible to propose the conversion of all realities to a digital society. It is possible to propose various services for GPS in communication terminals and new possibilities linked to car navigation.

In business use in smart buildings and smart offices, it is possible to present the possibilities of smart keys, self-authentication, electronic business cards, etc.

The new reality in smart homes can be presented as a passport for smart keys and IT access.

In the sharing economy, it is possible to present self-authentication, ID, and the presentation of a digital passport as smart money, and the standardization of self-authentication and smart money in the digital society and the Internet.

The transition to next-generation transportation requires the development of all infrastructure under these new standards.

These are the transformation of the existing analog society, and the automation of big data management and analysis will build a new social system.

The brain of semiconductors will manage and analyze all of this data.

This shift to a new technological society is a change in the current economic trend, and it is true that society, along with the administrative environment, is seeking a shift to a new technological IT society.

These, along with economic policies, make it necessary in the times to seek new social and urban designs.

These, along with the automation of computers, are bringing about a shift to a new reality, and these clearly bring about a shift in society, life, and industry today.

The above ideas are proposals for the development of core infrastructure in this digital society, and as its backbone, they propose the expansion of new possibilities.

These are clearly a shift to a new technological civilization, and there is a demand for a new framework in social and economic systems.

To achieve this, the creation of political plans and the creation of new urban and social plans in collaboration with industry, academia, and government can make this transition to reality possible through the creation and standardization of these ideas.