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## TOPIC

# The Ministry of Internal Affairs and Communications (MIC) has recently compiled a set of measures that should be actively taken for priority areas in fiscal 2021 as MIC's Priority Measures 2021 to aim for new regional and social construction through digital transformation.

MIC is working to accelerate digital transformation, home return support, disaster prevention and mitigation, and national resilience promotion. Countering the spread of the novel coronavirus infection while revitalizing the local economy, MIC will secure local administrative and financial bases and sustainable infrastructure to support Japan's economy and society and build a high-quality economic society suitable for the post-corona era.

MIC is implementing 20 priority measures from the following five major perspectives.

- I. Building people's new daily lives by accelerating digital transformation
- II. Supporting people's home return toward post-corona society
- III. Promoting disaster prevention and mitigation and national resilience
- IV. Securing local administrative and financial bases that support the economy and society
- V. Securing sustainable social infrastructure

Among these, MIC introduces some of the priority measures in the information and communication field.

## I. Building people's new daily lives by accelerating digital transformation

3. Development of information and communications infrastructure that will support telework, distance education, and telemedicine
  - Promoting a nationwide expansion of 5G, optical fiber, etc.
  - Studying broadband universalization
  - Promoting problem solutions using local 5G technology
  - Forecasting rapidly increasing traffic and alleviating congestion by regional dispersion

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### TOPIC

MIC's Priority Measures 2021



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## 4. Strategic investment in innovative technologies such as Beyond 5G

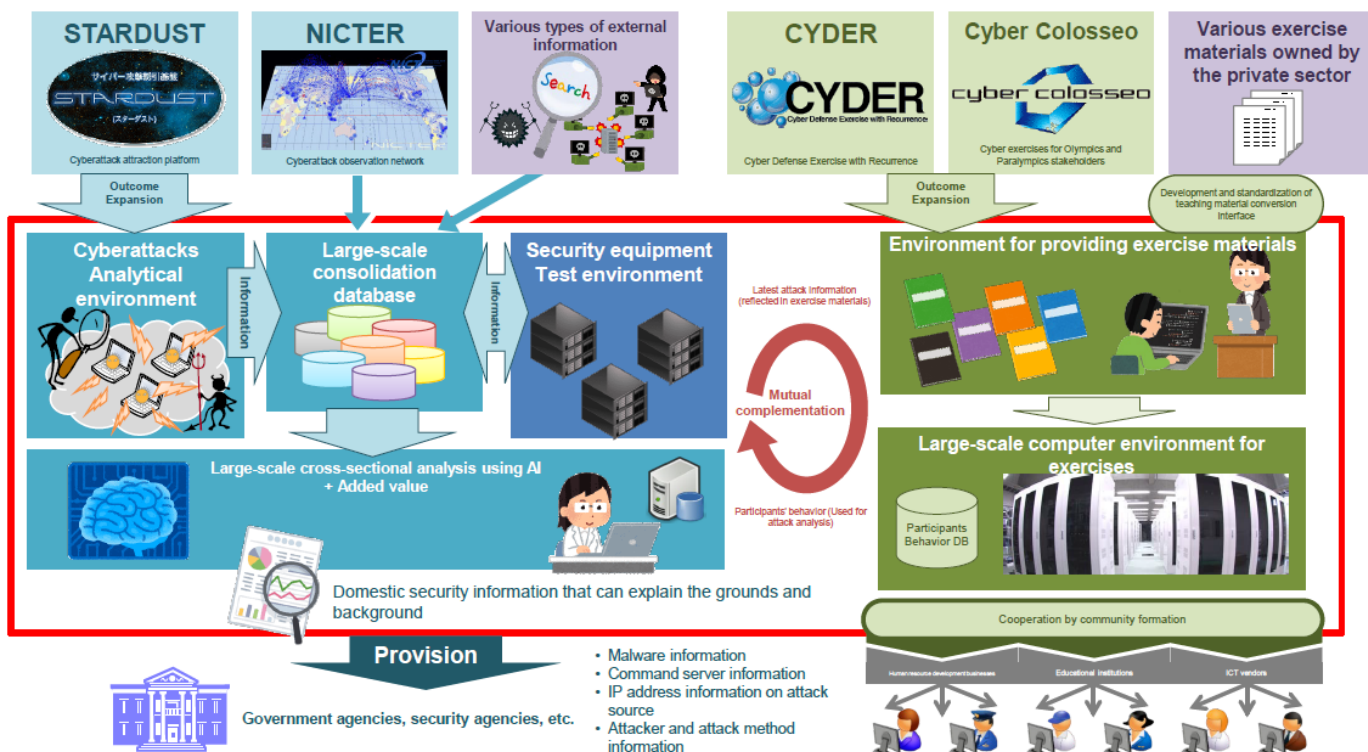
- Research and development of advanced technology that holds the key to the realization of Beyond 5G and 5G sophistication
- Research and development to realize quantum cryptography, AI (multilingual translation), destructive innovation, space ICT, etc.
- Construction of a radio wave usage environment to meet new radio wave usage needs
- Strategic acquisition of intellectual property and international standardization

## 5. Ensuring cybersecurity in line with the progress of digitalization

### • Construction of integrated intellectual and human resource development infrastructure for cybersecurity

MIC will collect, accumulate, analyze, and provide cybersecurity information in Japan. Simultaneously, MIC will develop human cybersecurity resources throughout society, and establish a common foundation for the National Institute of Information and Communications Technology (NICT) and open it as a nodal point between industry and academia. By doing so, MIC will strengthen the cybersecurity response capability of Japan as a whole.

- Strengthening the National Cyber Training Center
- Constructing a safe and secure usage environment of the IoT and 5G
- Disseminating and promoting trust services



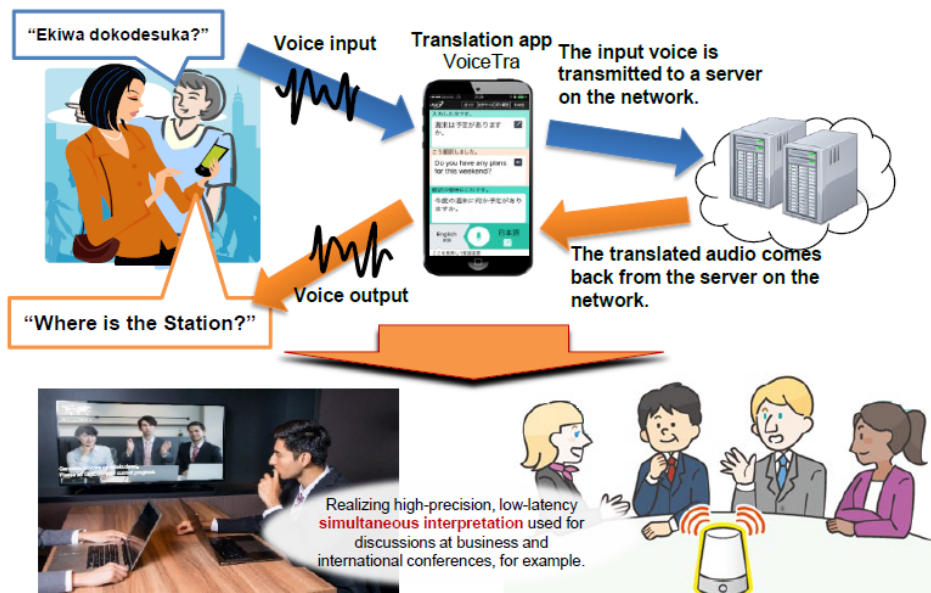
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### 6. Establishing new ways of working and living and promoting measures against the digital divide

- Comprehensively promoting digital utilization support
- Promoting telework
- Making cashless environment improvements
- Promoting IT utilization in medical fields such as telemedicine, 8K, and AI
- Promoting 4K and 8K broadcasting
- Promoting smart cities
- **AI (multilingual translation) research and development**

MIC will eliminate the language barriers of the world and realize global and free exchange. Therefore, MIC is promoting the Global Communication Plan 2025. Looking ahead to the 2025 Osaka Kansai Expo, MIC will conduct research and development to realize a practical level of simultaneous interpretation using AI and complement the context of conversation and speakers' intentions.

- Promoting the production of subtitled programs to accelerate information barrier-free environments



### 7. Establishing rules for the digital market

- Countering illegal and harmful information on the Internet
- Developing rules regarding information banks
- Studying rules regarding the proper handling of viewing data

## V. Securing sustainable social infrastructure

### 16. Stable securement of universal postal services

- Securement of universal services, development of new businesses from users' perspective, and improvements in the convenience of post offices