

## **Research and study on ideal approaches for the appropriate protection of rights for program-related inventions, against cross-border acts of exploitation and acts of exploitation by multiple actors**

With the progress of AI/IoT technology and the recent proliferation of cloud services, intellectual property infringement on the internet has become more adroit and complex. For inventions relating to programs in particular, it has been indicated that cases in which “domestic-oriented services are provided from a server located overseas” or cases in which “such services take place by being distributed amongst multiple actors (business operators, users etc.)” may not fall under the “exploitation” of a patent invention and thus rights potentially cannot be exercised.

In light of these circumstances, in order to create basic materials for considering the future of rights protection, this study (1) investigated and organized the types of infringement in question, (2) interviewed users to understand their needs, (3) interviewed experts to investigate legislative issues, and (4) investigated foreign legal systems and judicial precedents.

We hope that this report, which summarizes and analyzes the information and findings obtained from a survey of numerous domestic and foreign literature and from interviews with experts and companies, will serve as basic data for future studies and, by extension, help promote innovation in Japan and strengthen the competitiveness of Japanese companies.