

Abstract

Estimation of the economic effects of establishing Digital Copyright Exchange System

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As a key driving force behind the development of society becomes the knowledge resources, the systematic management of them has emerged as an important matter. Digital Copyrights Exchange System intends to manage the copyrights information in the integrated fashion, enabling consumers to use legally and conveniently, and copyrights owners to increase their revenue. We estimate the economic effects of Digital Copyright Exchange System. For this purpose, we categorize three effects, that is, the authentication of authorized copy effects, the Increase in authorized copy effects, and the decrease in unauthorized copy effects, reflecting the ingredients of the system. using consumer survey, we estimate conversion rates, and with existing statistics, we estimate the maximum degree of market enlargement effects (upper bounds). Empirical results show that the authentication of authorized copy effects, the increase in authorized copy effects, and the decrease in unauthorized copy effects are 4,737 billion won, 5,858 billion won, and 7,625 billion won, respectively. When combined, Digital Copyrights Exchange System is expected to enlarge 1 trillion 8220 billion won compared to the current copyrights industry.

Keywords : Digital Copyright Exchange System, Copyright industry, Economic effects, Conversion rates, Authentication of authorized copy effects, Increase in authorized copy effects, Decrease in unauthorized copy effects