

SYMPOSIUM ON INTEGRATED APPLICATIONS (B5)
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THE DESIGN AND IMPLEMENTATION OF GLOBAL MULTI-SOURCE REMOTE SENSING DATA
ACQUISITION, PROCESSING AND INFORMATION SERVICE PLATFORM

Abstract

With the accelerating pace of globalization, China's aerospace remote sensing industry has begun to integrate into the international market and continue to participate in international competition. By analyzing the domestic and international remote sensing industry development status and trends, the paper points out shortcomings of current Chinese remote sensing application industrial development, and propose a global multi-source remote sensing data collection and processing and integrated information service platform architecture. Based on this platform architecture, a global multi-source remote sensing data collection and processing and integrated information service demonstration system is established, which includes a set of operation and management center, a fixed remote sensing application system and a transportable remote sensing data service application and demonstration system. The system forms a remote sensing application network for international service, and strives to achieve better demonstration effects and socio-economic benefits.