





DX (Digital Transformation) Development in Bridge Maintenance in Japan

26 April 2022 | 13:00 hrs. Bangkok Time ICT (Indochina time) UTC/GMT +7 hours

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Overview

In Japan, the number of over 50 years aged bridges are increasing year by year. For this reason, the importance of maintenance is increasing as regular inspections are required by law once every five years in Japan. In the future, the maintenance of bridges will be necessary to continue in various Asian countries.

However, in recent years, there have been major issues such as a shortage of bridge inspection engineers, its aging, and the transfer of experience and knowledge. Therefore, promotion of "DX (Digital Transformation)" is indispensable to solve these issues in bridge maintenance by using digital technology.

Therefore, we, Eight-Japan Engineering Consultants Inc. (EJEC), a Japanese civil engineering consulting company, would like to introduce some of the most advanced DX technologies in bridge maintenance developed by our EJ Information Technology Center (EJIT Center).

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