

# Press Release

11 December 2020  
EdMuse Inc.  
6-27-28 Shinjuku, Shinjuku-ku,  
Tokyo, Japan



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## **Muroran IT, ITC and EdMuse Have Launched Joint Research through Global Industry-Academia Collaboration**

**~ Development of Fundamental Technology to Ensure the Authenticity of Data in Data Centers ~**

Muroran Institute of Technology (Location: Muroran, Hokkaido, Japan, hereinafter referred to as "Muroran IT"), Institute of Technology of Cambodia (Location: Pochentong Blvd, BP 86, Phnom Penh, Cambodia, hereinafter referred to as "ITC"), and EdMuse Inc. (Headquarters: Shinjuku-ku, Tokyo, Japan, CEO: Keisuke Fukui) have started joint research on the blockchain platform through a global industry-academia collaboration.

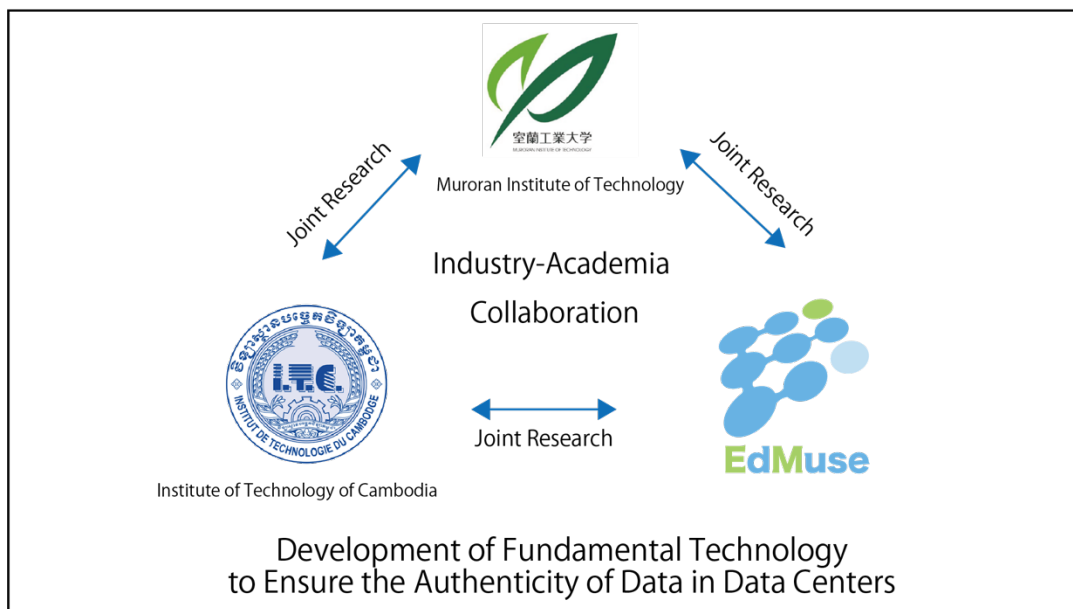
Muroran IT, as a base for regional revitalization and researches leading to innovation, has been building advanced knowledge in blockchain technology through an open system of data science and data engineering. In addition, this project will be the very first joint research between Muroran IT and ITC.

ITC, with the vision of "To conduct and develop human resource with a potential quality in the fields of engineer, technical, science and technology; to be an outstanding institution in training young Cambodian students with high quality and capability; to be a science and technology research center of wide recognition from national and international communities," has a proud record of success and achievement in human resource development.

One of the reasons of starting this joint research with ITC is that the "IT Talent Development Program" EdMuse Inc. (hereinafter referred to as "EdMuse") offers overseas in order to solve the serious social problem of IT Talent shortages in Japan, has also been offered to ITC. By securing those young IT talents who have undergone the program to the project, it is possible to conduct research and development of even more advanced technologies.

As one of the most advanced IT technologies currently in the global spotlight, blockchain is in continuous development. In order to keep up with the ever-changing technology, and to fill our role as a platformer, it is necessary to keep examining and improving blockchain technology.

In this joint research project, we will research and develop technologies to evolve the data center using blockchain. In order to take on new challenges in new fields, we collaborate with Muroran IT and ITC to strengthen our technological capabilities. The research will focus on consensus algorithms (Byzantine fault tolerance), including “Raft”, and additional implementations of zero-knowledge proof.



Trough the collaboration between EdMuse and these two universities, which have strong R&D and technological capabilities, we aim to establish further technological superiority by the continuous development.

### 【About EdMuse Inc.】

We provide the best solutions including the utilization of DLT (blockchain), and propose DX solutions that are collaborated with our customers' needs.

### 【Company Profile】

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President: Keisuke Fukui

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