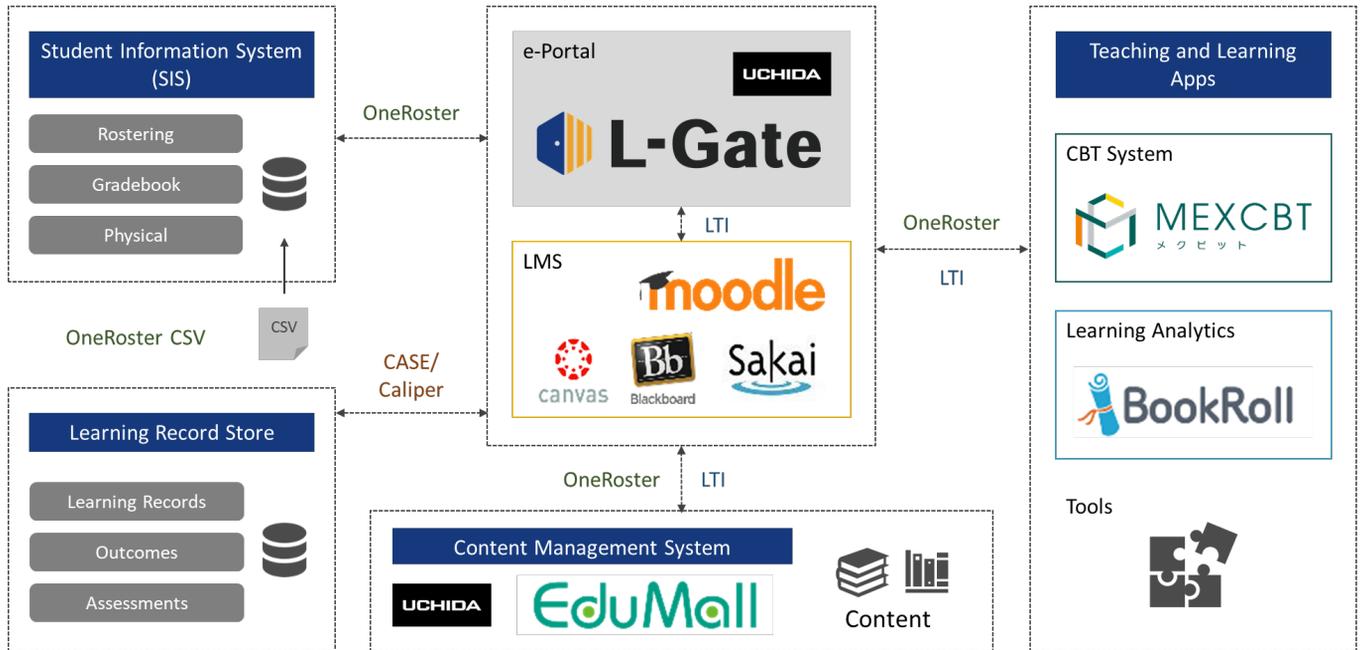


L-Gate

<https://www.info.l-gate.net/>

L-Gate is a learning e-Portal that supports students' day-to-day learning, along with operational and management features, using one account per user on a single device. L-Gate enhances learning inside and outside of classroom and communication between teachers and students.



EduMall: Digital contents repository service produced by Uchida Yoko.

MEXCBT: The System that allows children to study and take assessment at school and at home from the perspective of guaranteeing children's learning in elementary, secondary and upper secondary schools.

BookRoll: PDF Viewer, which collects learners' activities, also provides the app for analyzing them.

Challenge

- As a measure for distributing a device to each individual student across the country, the Ministry of Education, Culture, Sports, Science and Technology (MEXT) has led the introduction of 9 million tablet PCs in FY2020.
- The Board of Education of the municipality was faced with the need to manage the students' accounts. For most of the Board of Education, this is the first time they have had to manage such large number of accounts.
- The use of tablet PCs will be in full swing in classes. It was feared that conventional system using multiple applications to manage individual accounts and passwords, requiring students to sign in each time the apps are used, would greatly hinder the progress of the class.

Solution

- L-Gate is a learning e-portal system designed and developed to solve the above problems.
- Account management is centralized to reduce the huge cost incurred in managing accounts per application.
- L-Gate enables single sign-on using LTI and SAML, eliminating the need to sign-in for each application.
- OneRoster is used to share class rosters registered in L-Gate and the school administration system. In addition, you can share the roster in OneRoster CSV format between other systems and applications.

Learning Impact Outcome

- By centralizing account management, the time required for Boards of Education in management of account has been greatly reduced. In particular, changing classes for each academic year, transferring accounts for students who move in and move out of schools and replacing accounts can be performed briefly.
- In the classroom, teachers and students can immediately use applications with single sign-on from the displayed list of applications used by each grade level and class.
- As the COVID-19 crisis has forced students to take classes at home, L-Gate was also used as a starting point for online conferences such as Zoom and Teams. Students were able to easily access the online conference URLs distributed by teachers using the L-Gate's application list function.

Return on Investment

- As of March 2022, L-Gate is currently in use in approximately 3,000 schools with approximately 2 million accounts, from more than 300 school boards.
- L-Gate has also been adopted as one of the learning assessment platforms for the MEXT CBT System, MEXCBT.
- MEXCBT is currently used in 8,500 schools from 900 school boards as of March 2022.