

Vigilo



IMS OneRoster certification as a dooropener to the European EdTech market

Vigilo is a Norwegian SIS-vendor for schools, after-schools and kindergartens. In this presentation we tell why and how we use API's to provide SIS-data from Vigilo to a variety of data consumers within the Digital Learning Ecosystem. We will demonstrate how an IMS OneRoster API-based integration via few clicks supports a seamless and automated flow of rostering data from SIS to LMS, and how this has a direct impact for students and teachers in the digital classroom.

Frode Utvik, Systems Integration Manager at Vigilo

9.nov. 2020

frode@vigilo.no

https://vigilo.no/en/om-oss/

https://site.imsglobal.org/certifications/vigilo-as/vigilo-api#cert_pane_nid_402736















- 2008: A communication tool for kindergartens
- 2018: We need to share class rosters!

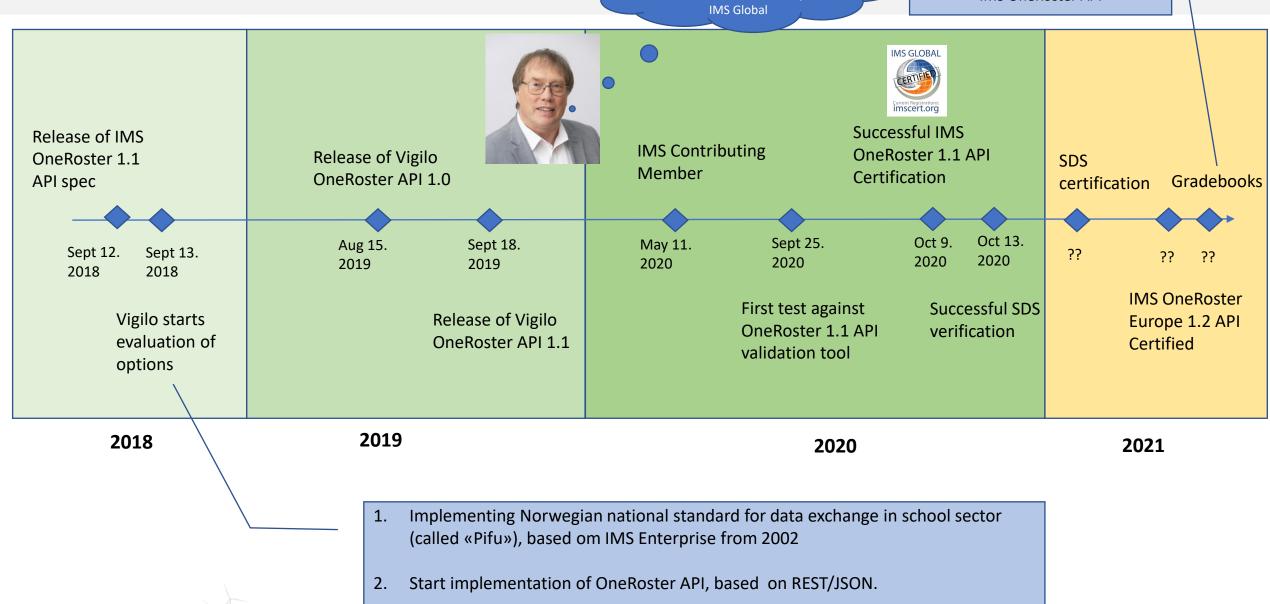




The Vigilo OneRoster timeline

You ain't compliant until you're certified! Oslo, 31.oct 2019, Colin Smythe,

Summative and formative assessments in Vigilo available via IMS OneRoster API



Start implementation of OneRoster 1.1. CSV (file export / import)



Demo – kind of...

How to Use OneRoster API
and
Microsoft School Data Sync
to
populate and maintain groups and members
in
LMS





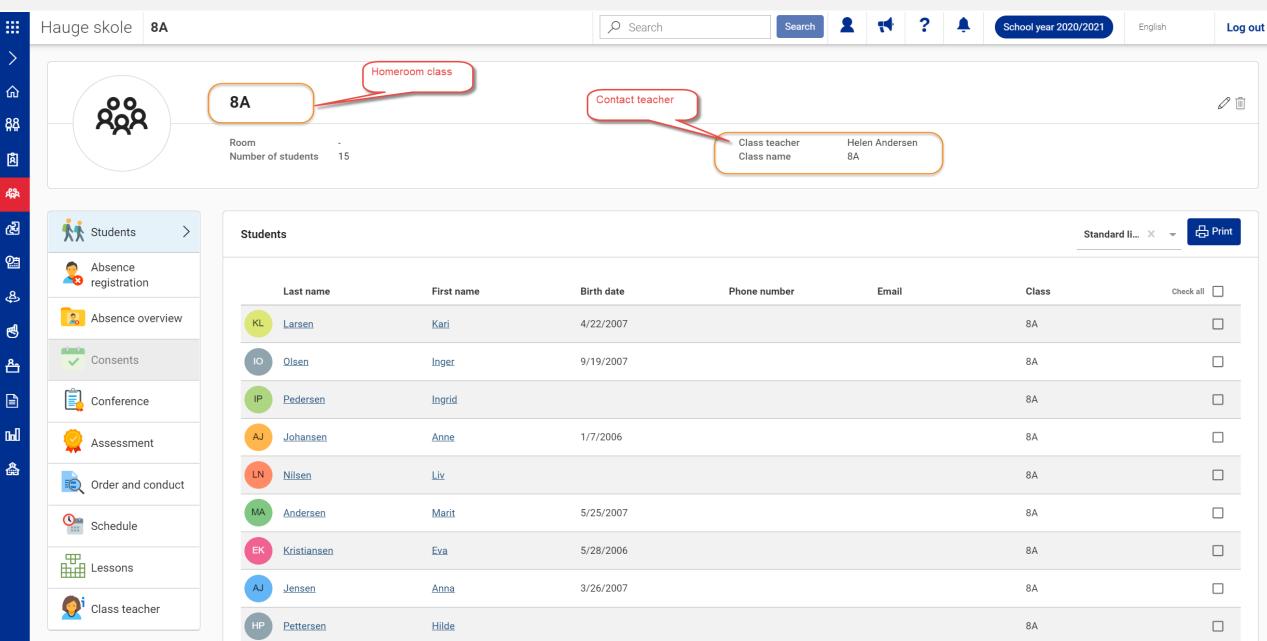




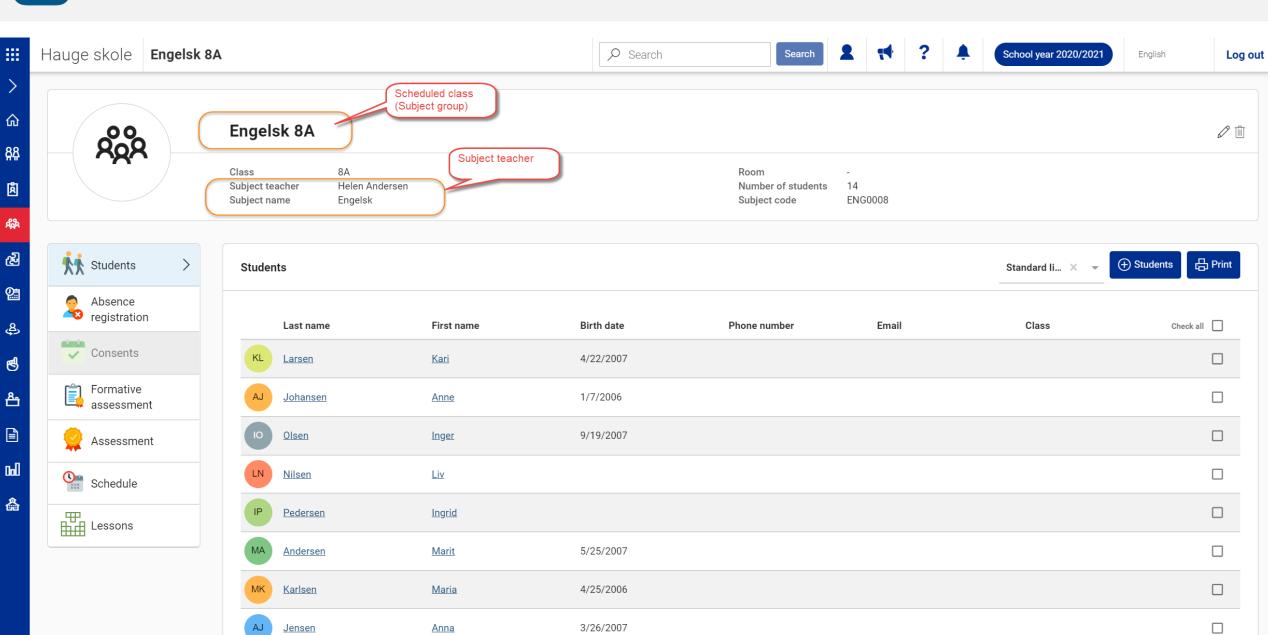




Step 1: We have class rosters / enrolments for a given school year for a set of schools...

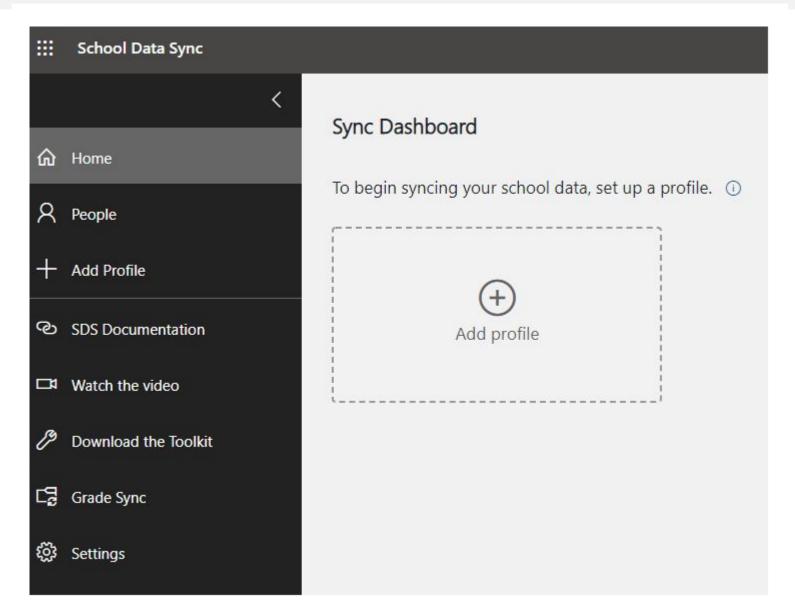


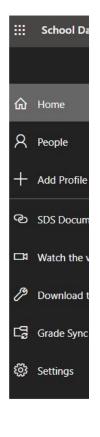






Step 2: We configure School Data sync with a few clicks





Choose connection type

Before you begin you need to choose a set of options that defines how your data will be synchronized. These options are stored in a Profile. Most organisations just need one profile to sync all the students, teachers and roster data.

By making school data available, you represent that you are authorized to share this data with Microsoft.

Enter a name for your profile

Hauge Skole

Choose your sync method

Upload CSV files
 Upload CSV files created from your SIS.

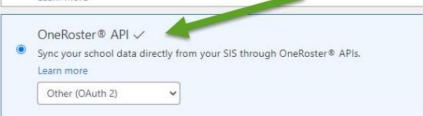
● Connect via an API ✓ Make a direct connection and sync your schools' data directly with your SIS

Please choose service you use

PowerSchool API

Make a direct connection to PowerSchool and sync your schools' data directly with your SIS.

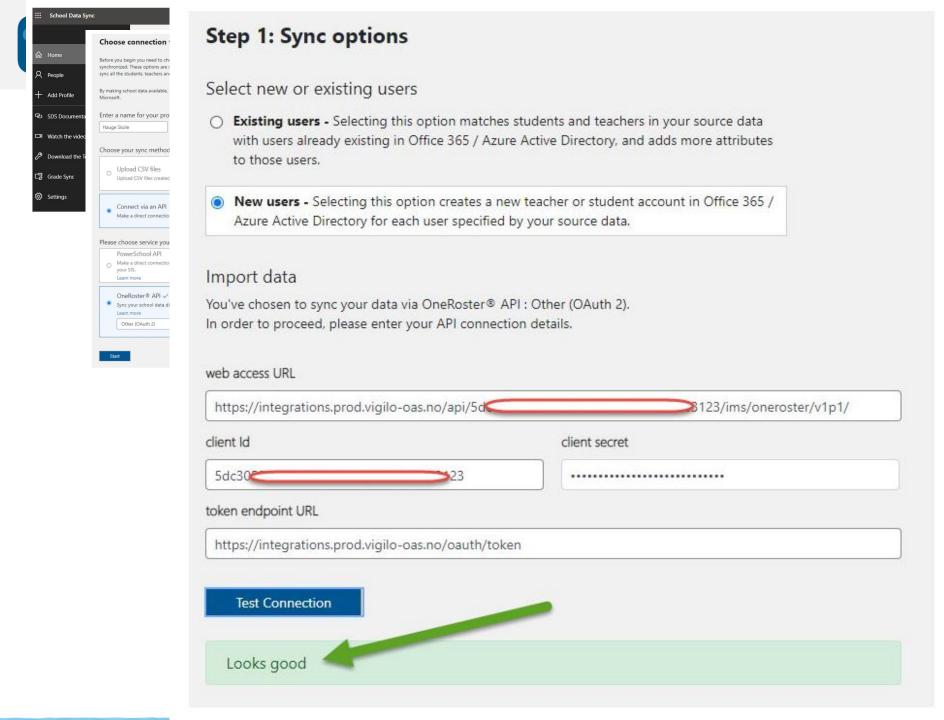
Learn more



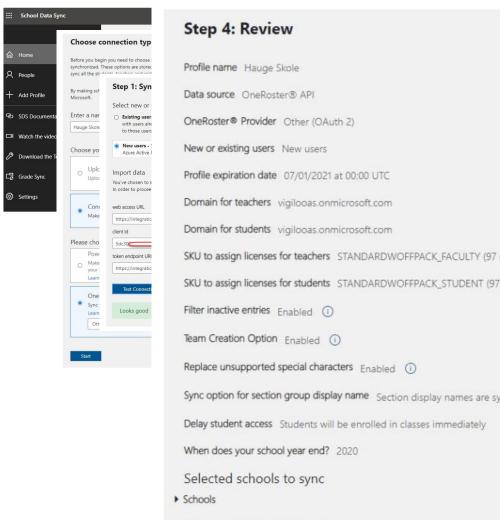
Start







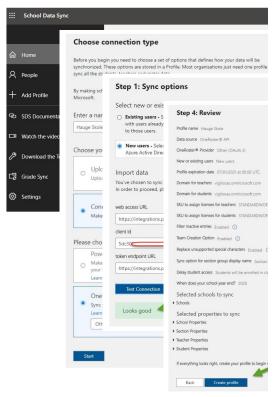




SKU to assign licenses for teachers STANDARDWOFFPACK_FACULTY (97 of 100 licenses available) SKU to assign licenses for students STANDARDWOFFPACK_STUDENT (97 of 100 licenses available) Sync option for section group display name Section display names are synced only on first sync ① Selected properties to sync ▶ School Properties Section Properties ▶ Teacher Properties ▶ Student Properties If everything looks right, create your profile to begin sync Create profile Back











Sync is complete and ready for more data

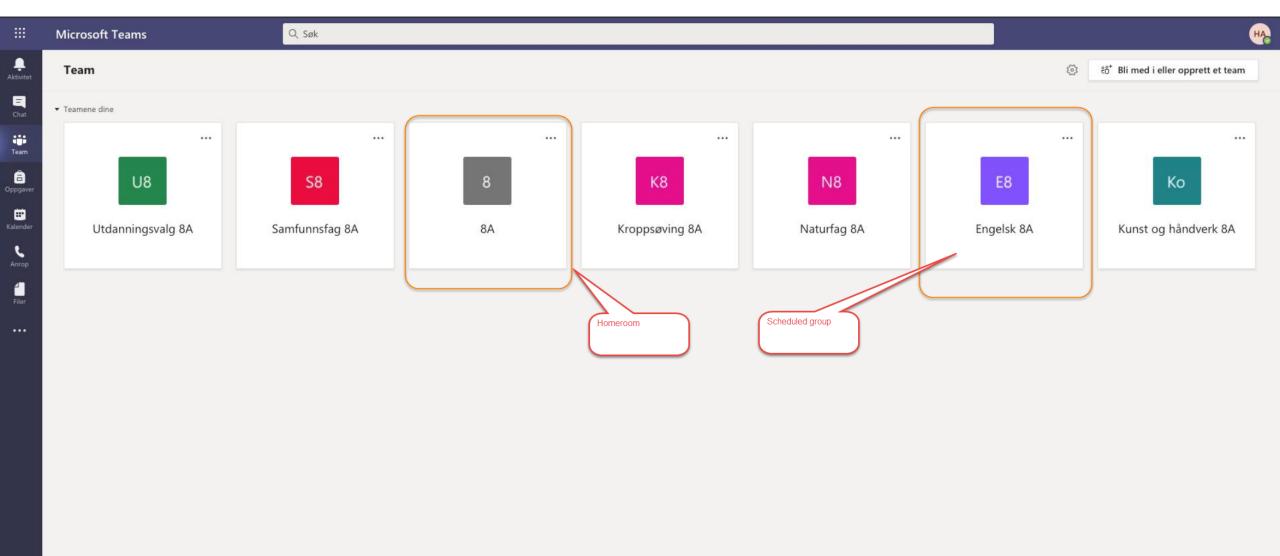
Last updated: 03/11/2020, 11:28:34

II Pause Sync ○ Reset Sync	OneRoster® API
Data source	OneRoster® API
OneRoster® Provider	Other (OAuth 2)
New or existing users	New users
Domain for teachers	vigilooas.onmicrosoft.com
Domain for students	vigilooas.onmicrosoft.com
Filter inactive entries ①	Enabled
Team Creation Option ①	Enabled
Replace unsupported special characters (i)	Enabled
Sync option for section group display name ①	Section display names are synced only on first sync
Delay student access	Students will be enrolled in classes immediately
Intune for Education ① Intu	ne for Education licenses will not be assigned to teachers and students
When does your school year end? ①	2020
Profile expiration date	01/07/2021 at 00:00 UTC
Profile Id / Instance Id ①	4163 2994

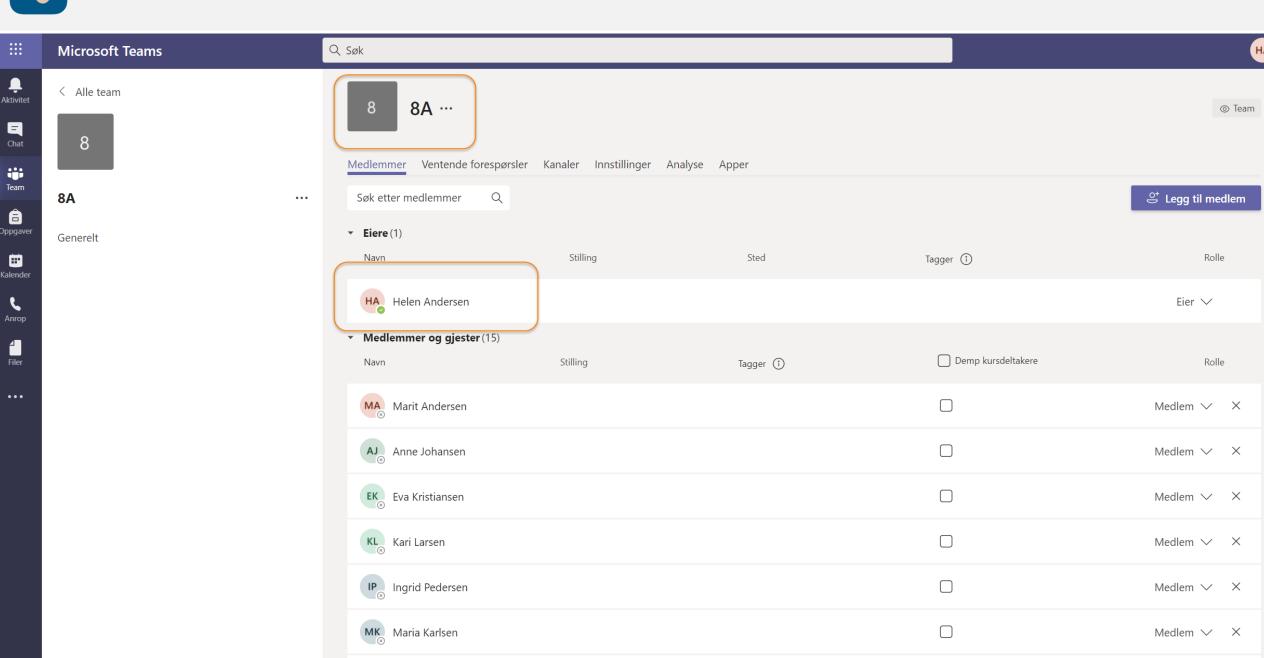




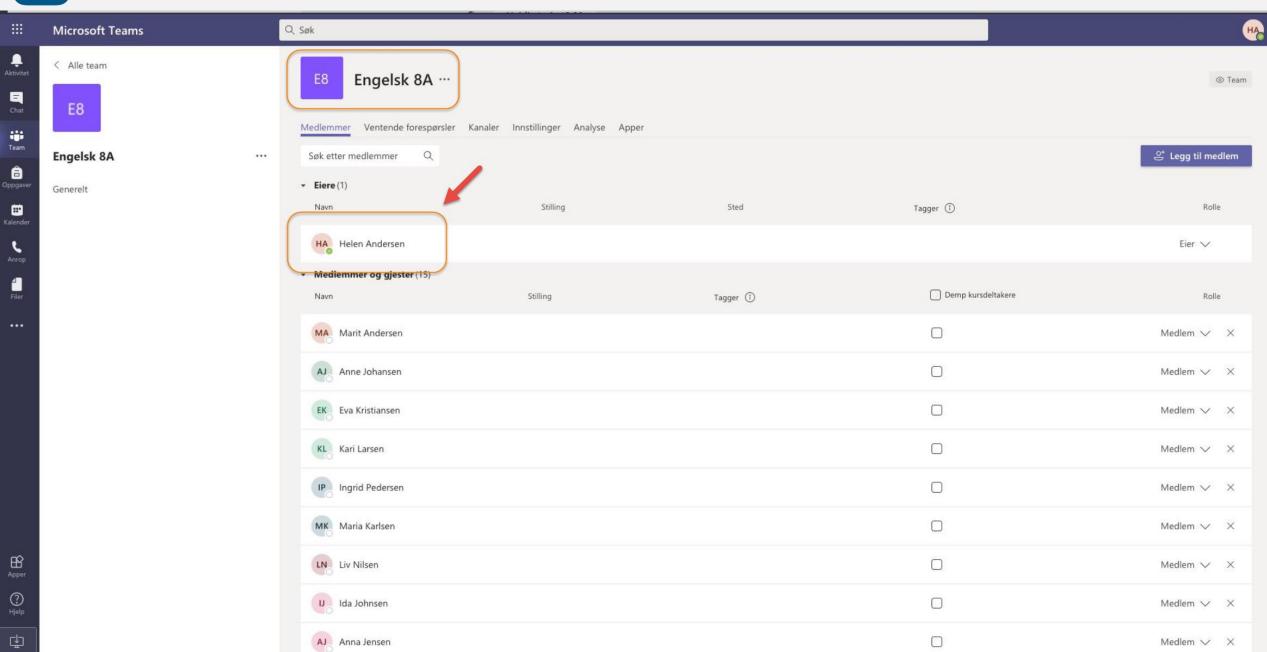
Step 3: Teacher log into M365 Education and verify that Teams-groups and Teams members are synchronized







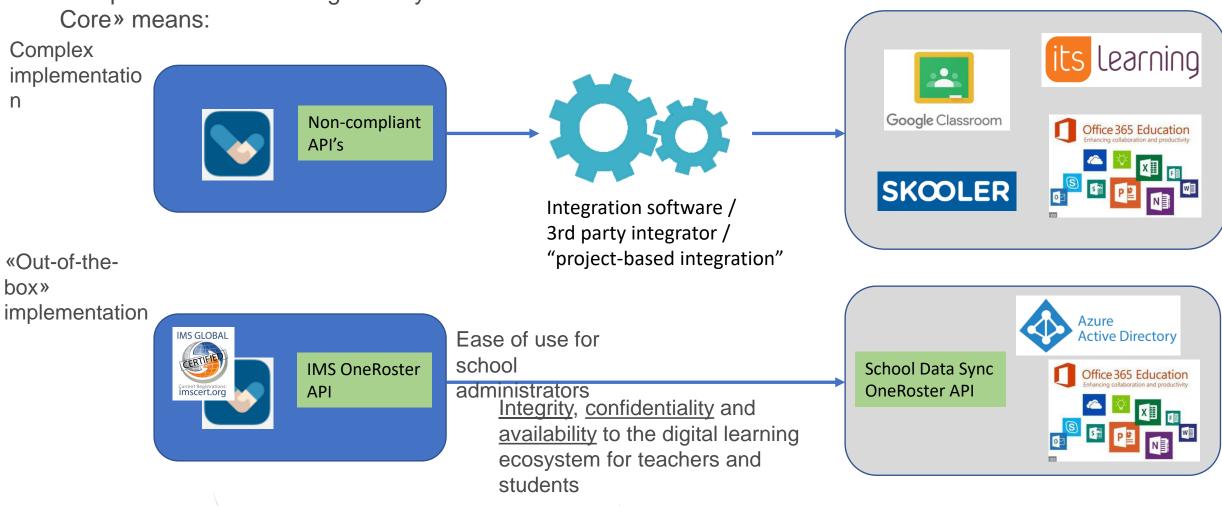




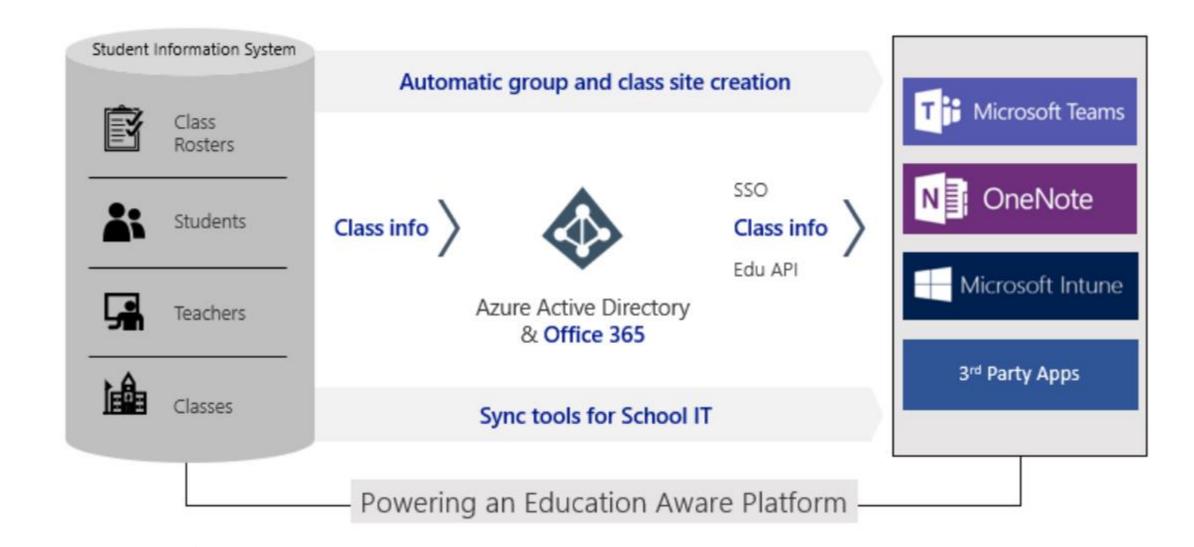


Why does this really matter?

To be IMS OneRoster certified as first SIS-system in Europe to deliver rostering data by «REST Data Provider Core» means:









Final remarks

- ✓ It's doable
- ✓ OneRoster 1.2 Europe profile seems to fit even better and fix some issues
- ✓ OneRoster has a practical approach
 - ► Good documentation and relevant examples with JSON payloads
 - Good validation tools
- ✓ Helpful supporters
 - IMS Global
 - Norwegian Directorate for Education
- ✓ The relevance in Europe is dependant on the market adoption –
 data providers as well as data consumers
- ✓ National standards and regulations can still be a challenge...
- ✓ IMS Global is not ISO challenge for adoption in Europe?
 - ➢ ISO/IEC 19788

Operation Name	Compliance (OAuth 2.0)
getAllAcademicSessions	Yes
getAcademicSession	Yes
getAllClasses	Yes
getClass	Yes
getAllCourses	Yes
getCourse	Yes
getAllEnrollments	Yes
getEnrollment	Yes
getAllGradingPeriods	Yes
getGradingPeriod	Yes
getAllOrgs	Yes
getOrg	Yes
getAllSchools	Yes
getSchool	Yes
getAllStudents	Yes
getStudent	Yes
getAllTeachers	Yes
getTeacher	Yes
getAllTerms	Yes
getTerm	Yes
getAllUsers	Yes
getUser	Yes
	NI-





