



Eduuni Cloud

Shared Processes and Collaboration Across
Organisational Boundaries

Agenda

- Eduuni Cloud overview
- Key benefits
- Security and reliability
 - Transparent security status reporting to customers
 - Higher security workspaces
- Case: Requests for rectification on student admission / (Opiskelijavalinnan oikaisuvaatimukset)
- Case: DMP Analyzer - AI-powered Data Management Plan Analysis Tool

What is Eduuni Cloud?

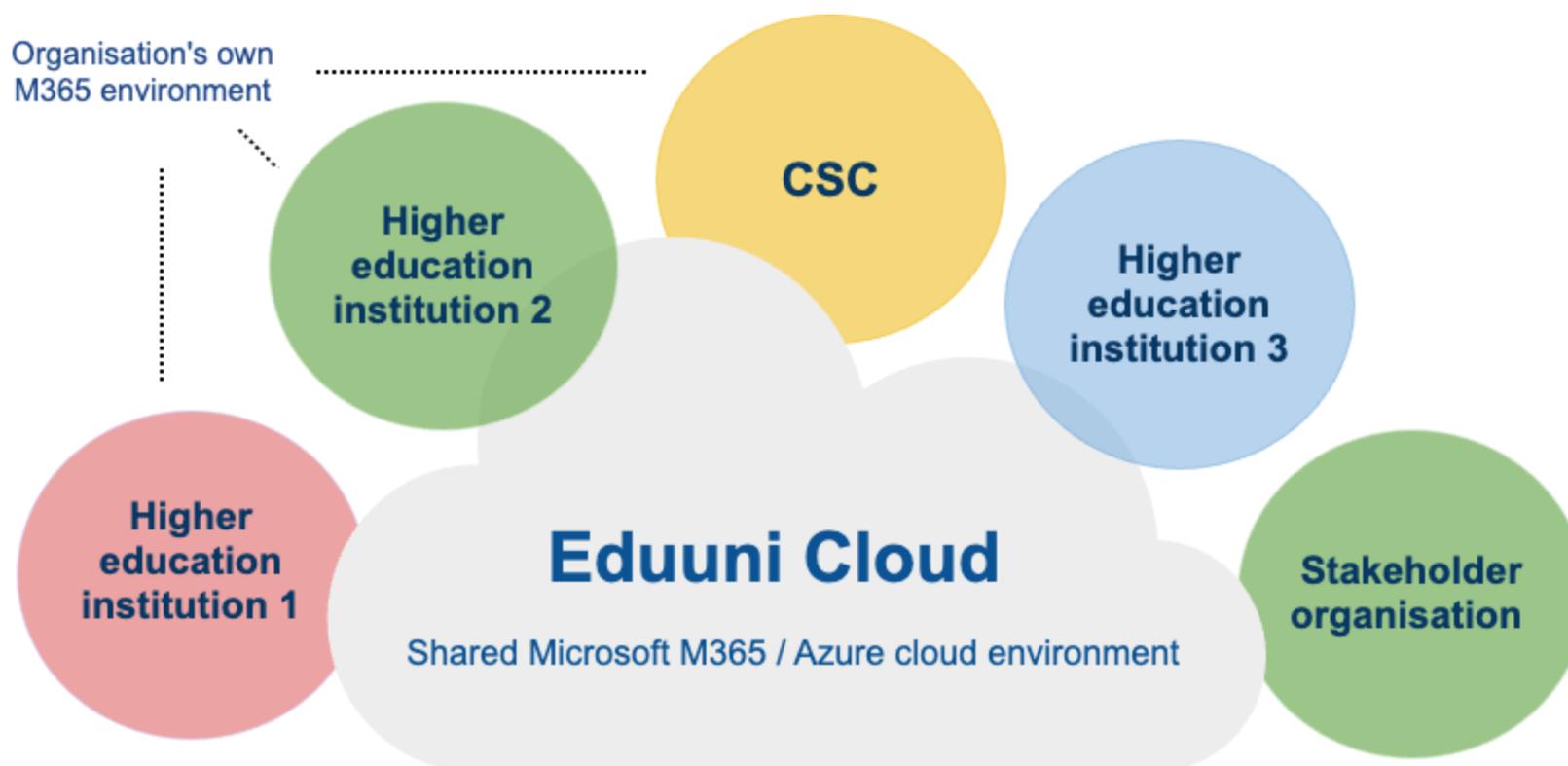
Eduuni Cloud is a shared Microsoft 365 / Azure cloud environment for Eduuni customers, enabling common processes and collaboration across organisational boundaries.

Shared
Microsoft 365 / Azure
cloud environment

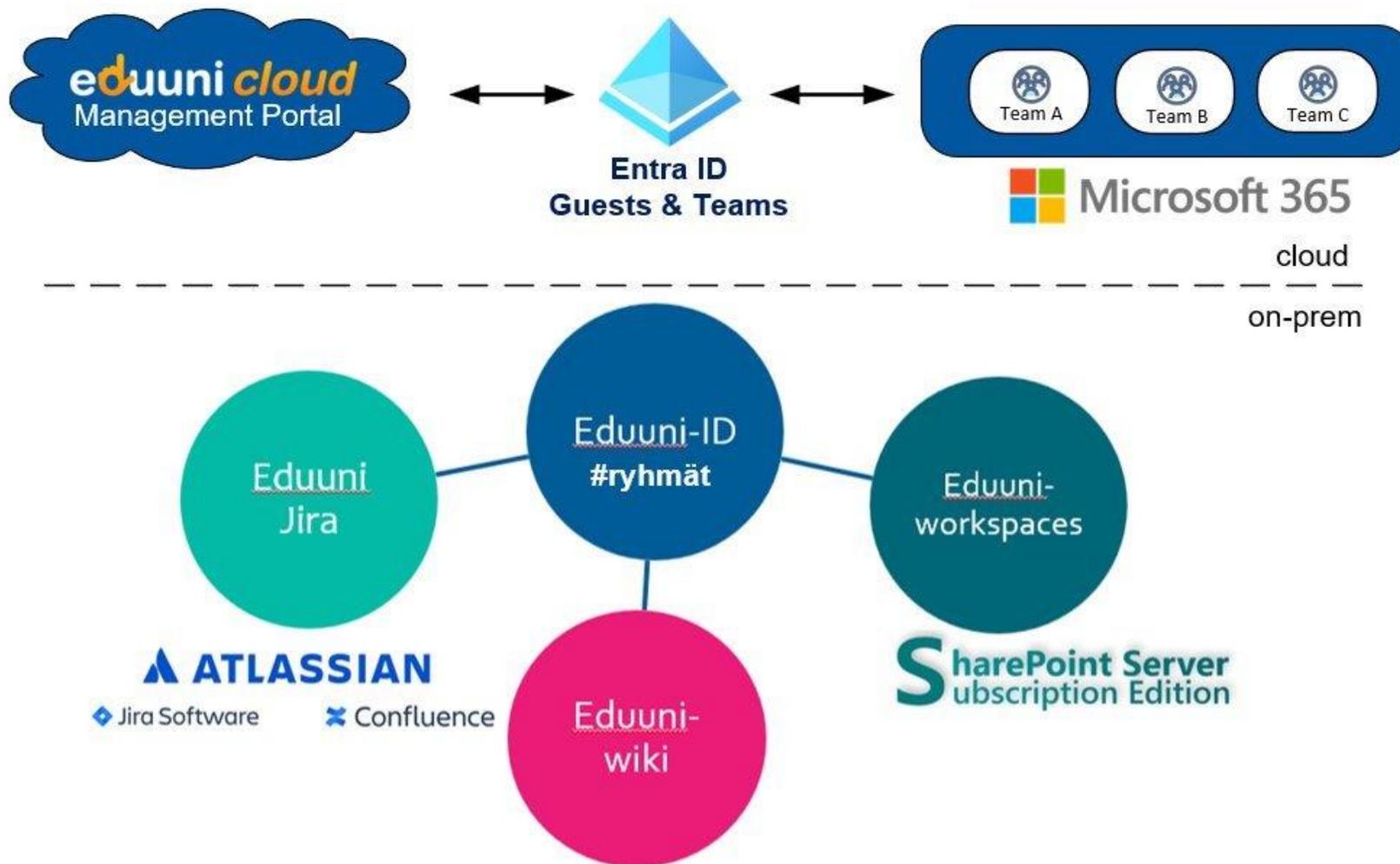
All stakeholders on
one platform

Centralized
management of access
rights and security

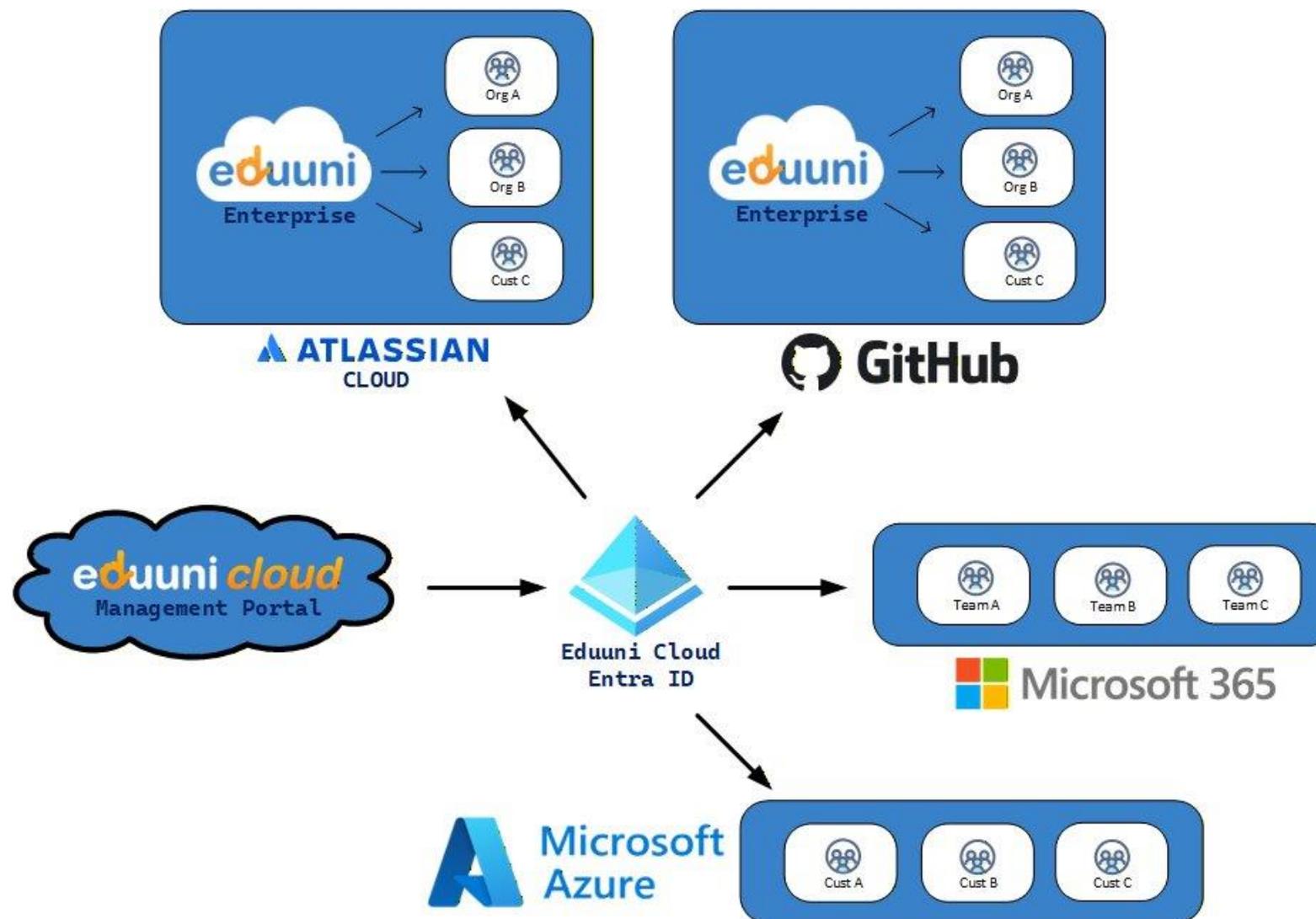
What is Eduuni Cloud?



What is Eduuni Cloud?



What is Eduuni Cloud?



Key Benefits

Common platform

- Fewer transitions between different tenants



Strong security

- MFA
- ISO 27001
- Secure Score
- On-premise backup (coming soon)



Efficient processes

- Automated workflows using Power Platform



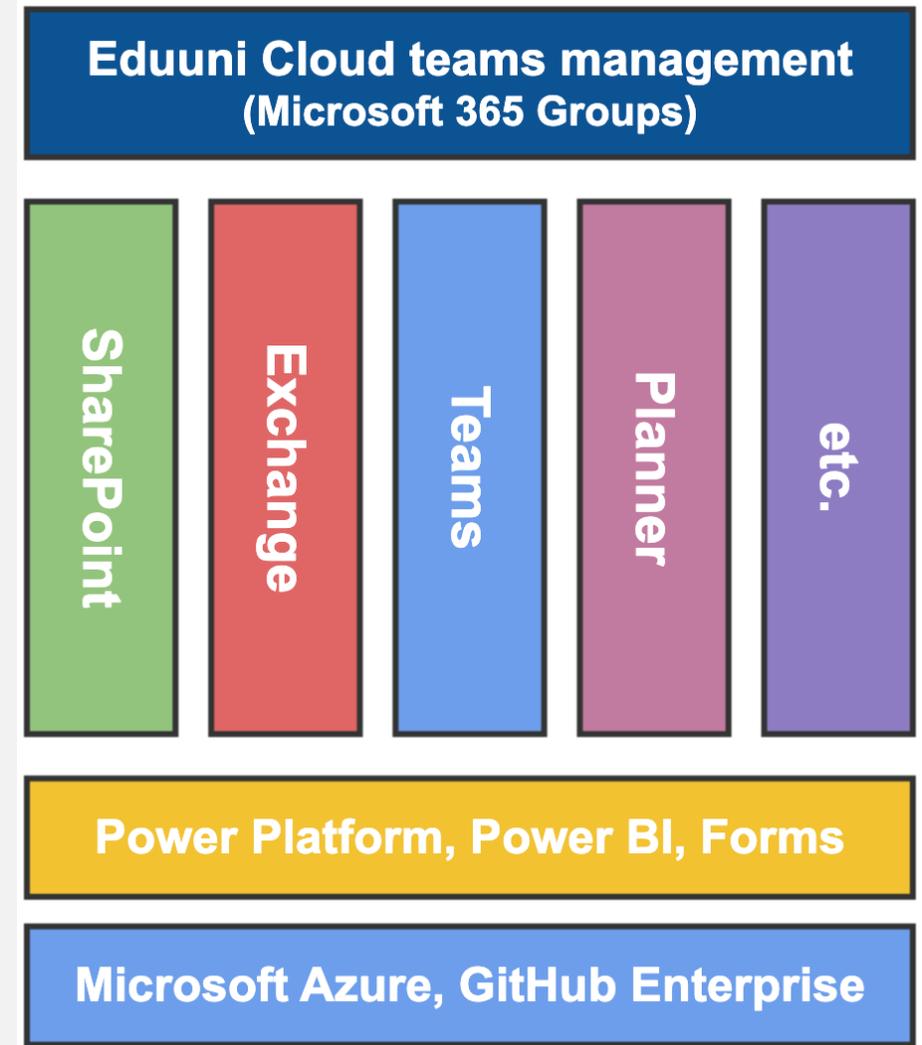
User management

- Centralized access and profile management



Tools and Services

- Microsoft Teams
 - SharePoint
 - Exchange
- Planner
- Power Platform
- Power BI
- Forms
- Azure
- GitHub Enterprise



Security and Reliability



- Multi-factor authentication (MFA)
- Login with existing credentials - no new accounts
- Built on ISO 27001 security standard
- On-premise backup (in the future)
- Real-time monitoring of Microsoft Secure Score for customers
- Higher security SharePoint workspaces

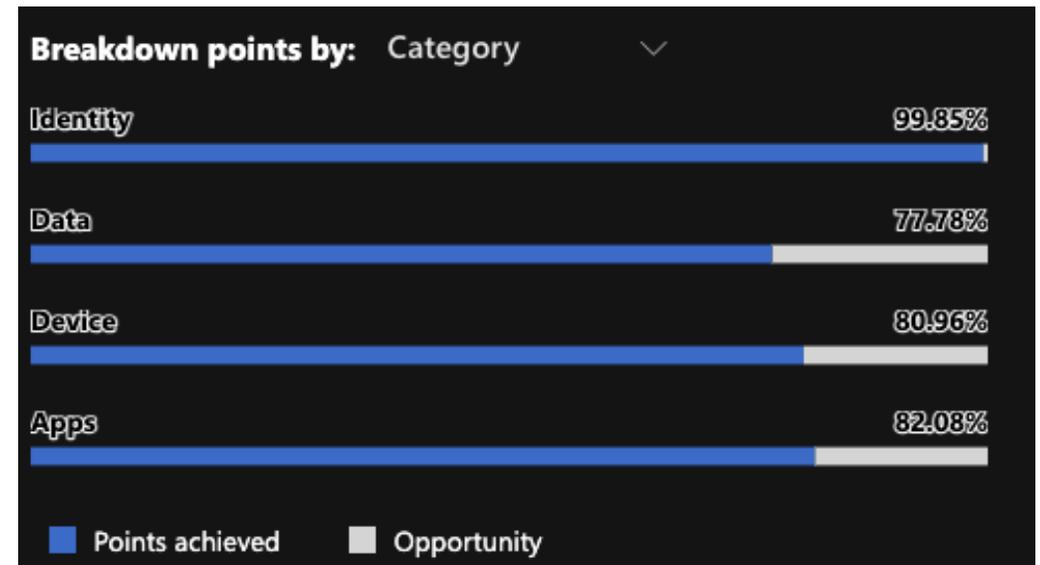
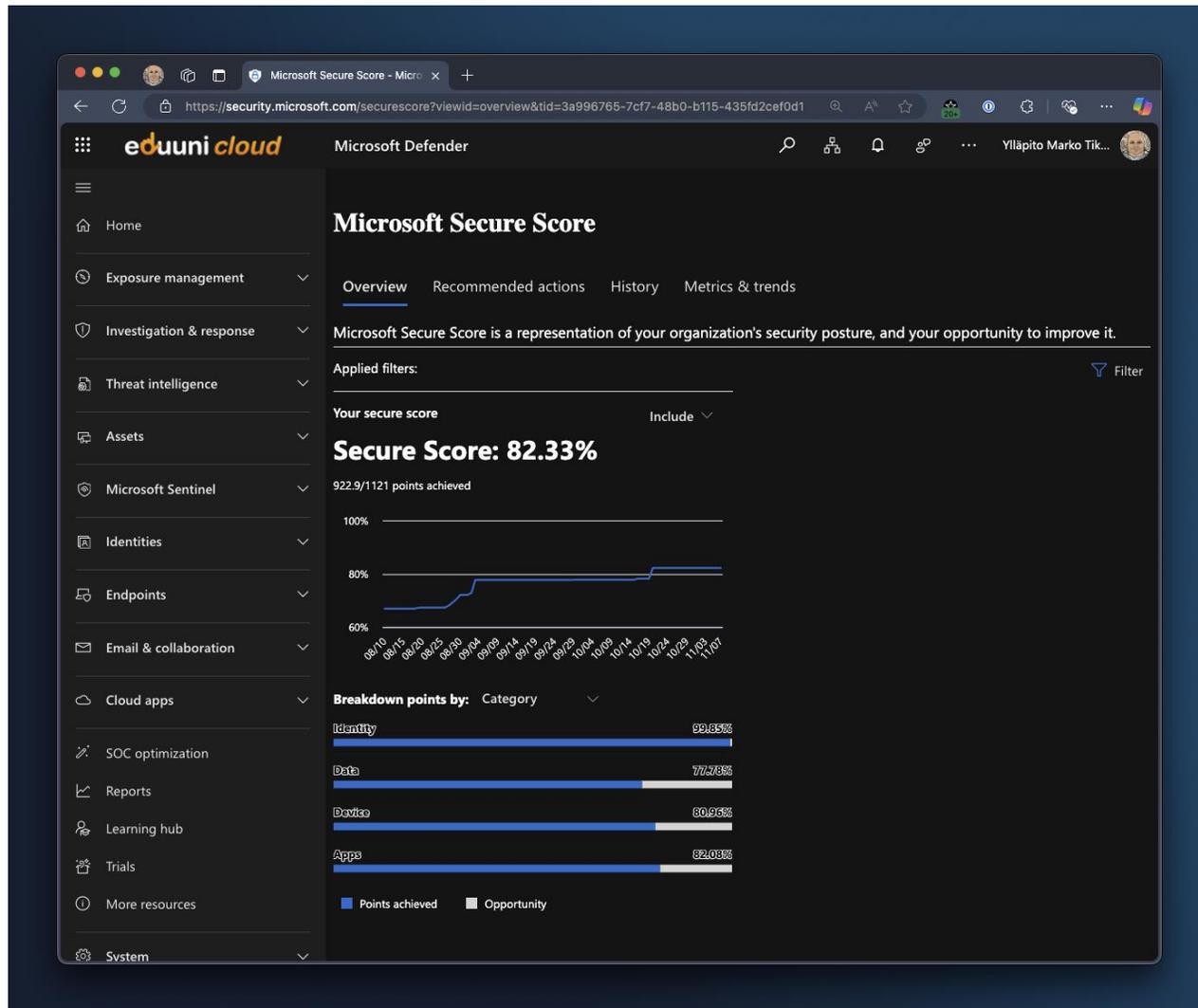
Security and Reliability



- Microsoft Secure Score describes the overall security level of an organization.
 - Actively scans the environment for configuration
 - Provides prioritized security recommendations and concrete actions based on your current configuration
- We run dedicated security workshops multiple times a year to review and implement these actions
- Real-time monitoring of Microsoft Secure Score for customers
<https://app.powerbi.com/links/8sg7i690rg?ctid=3a996765-7cf7-48b0-b115-435fd2cef0d1>



Security and Reliability



Security and Reliability



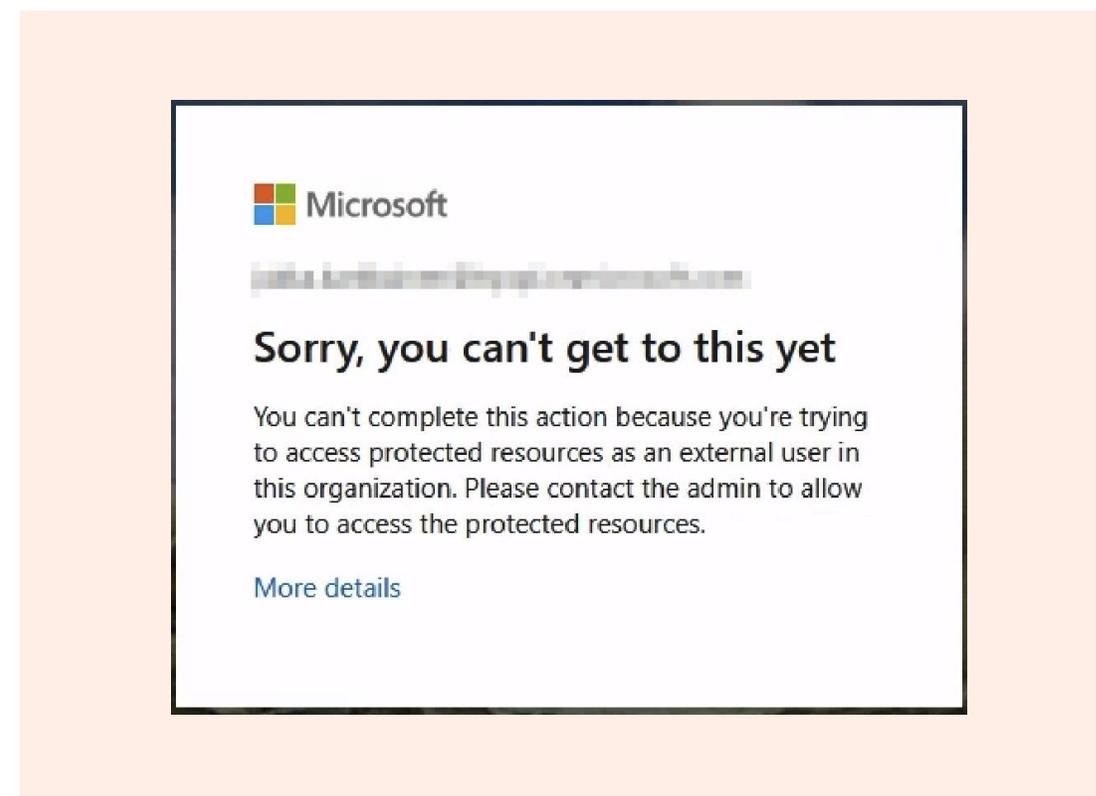
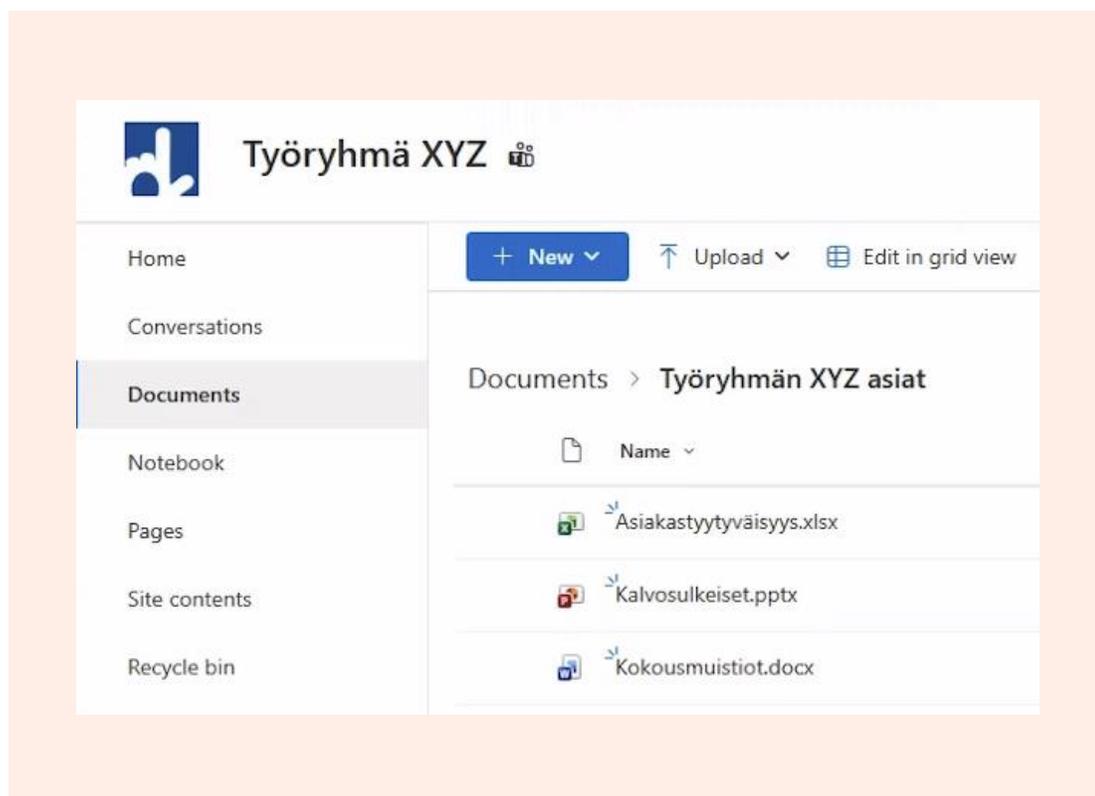
- Higher security SharePoint workspaces
 - Eduuni Cloud teams can require compliant devices
 - Home organisation manages devices and defines compliance
 - Security applies to SharePoint and all other M365 services using SharePoint in the backend (e.g., Teams)

Higher Security SharePoint Workspaces

SharePoint document library

Compliant device

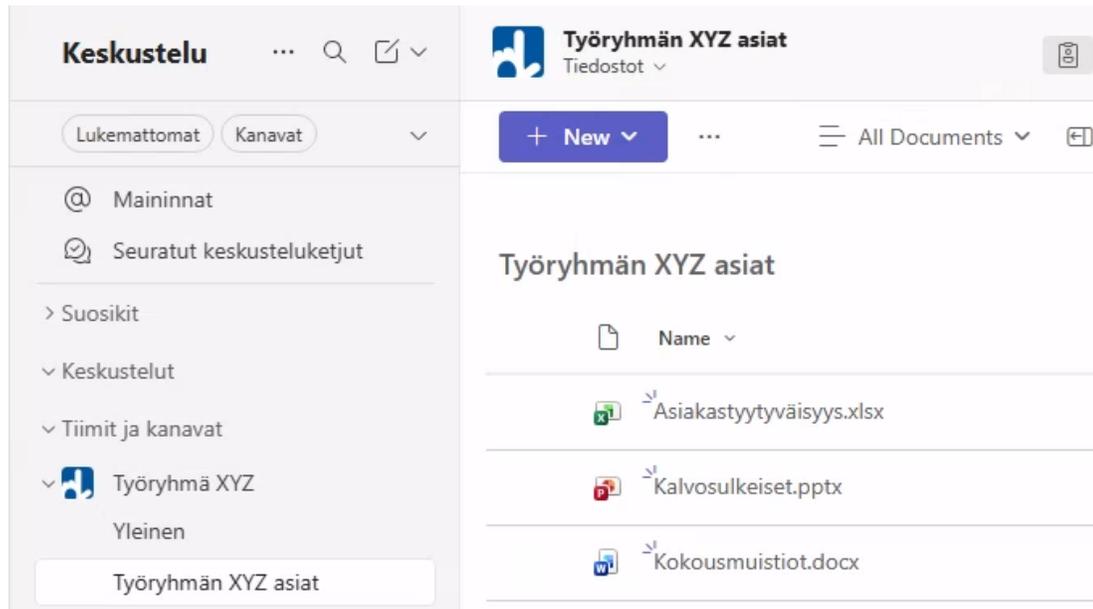
Non-compliant device



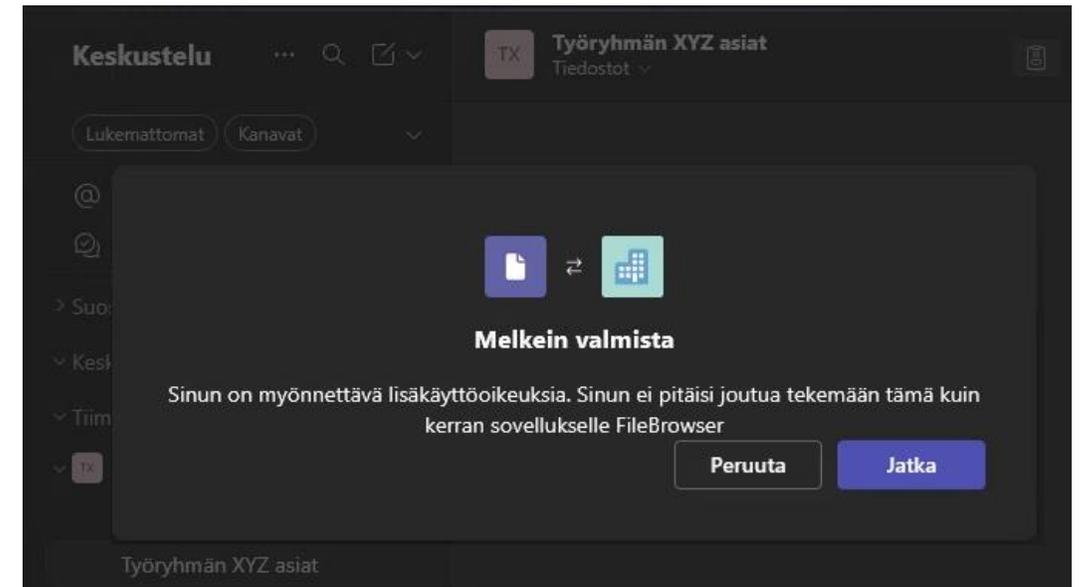
Higher Security SharePoint Workspaces

Files section in Teams

Compliant device

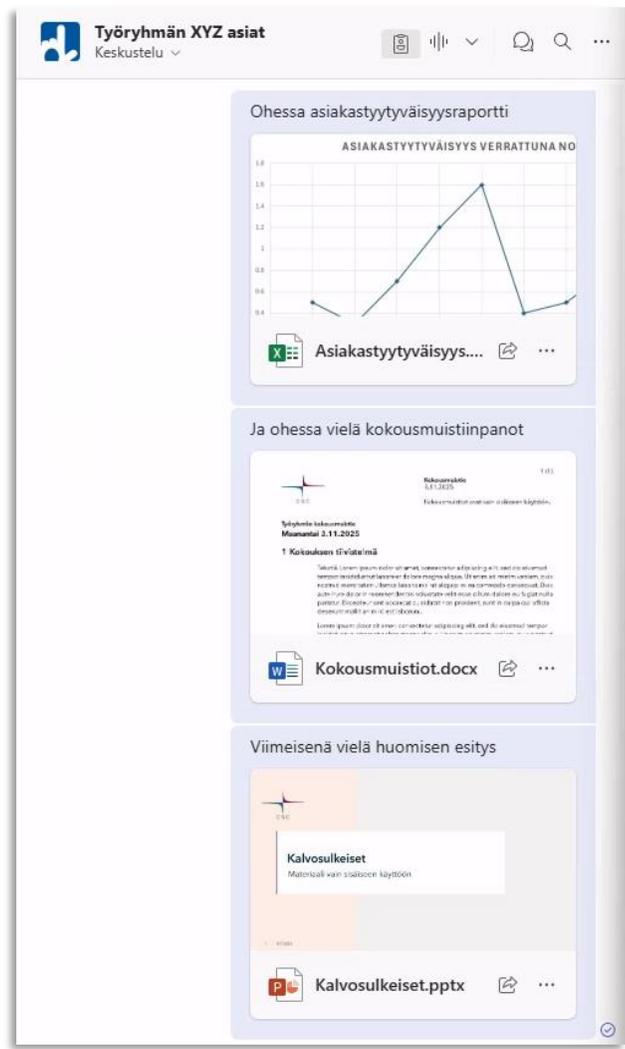


Non-compliant device



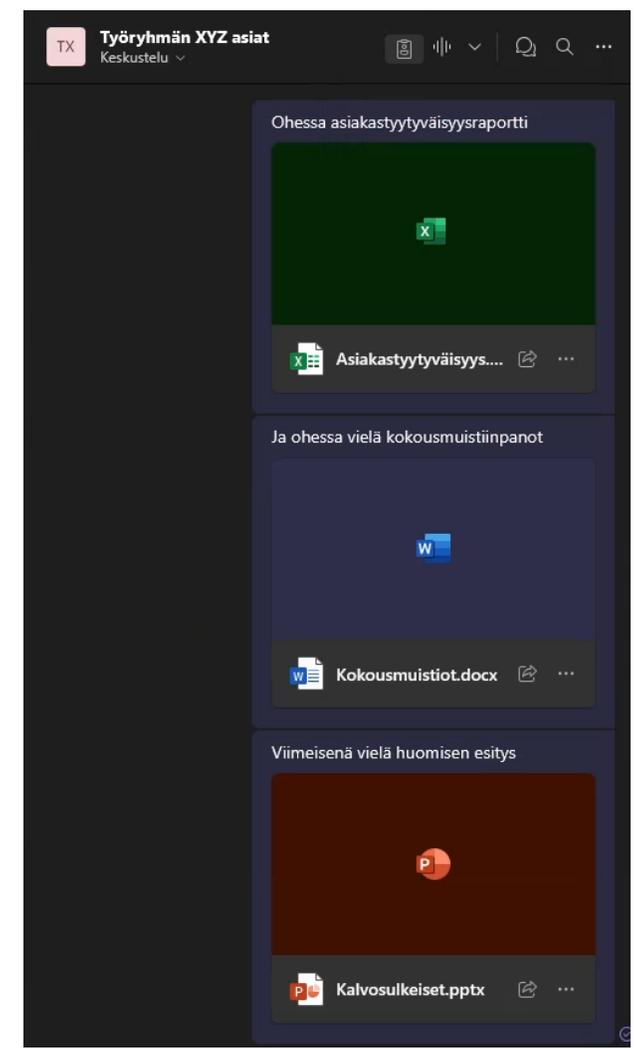
Higher Security SharePoint Workspaces

Compliant device



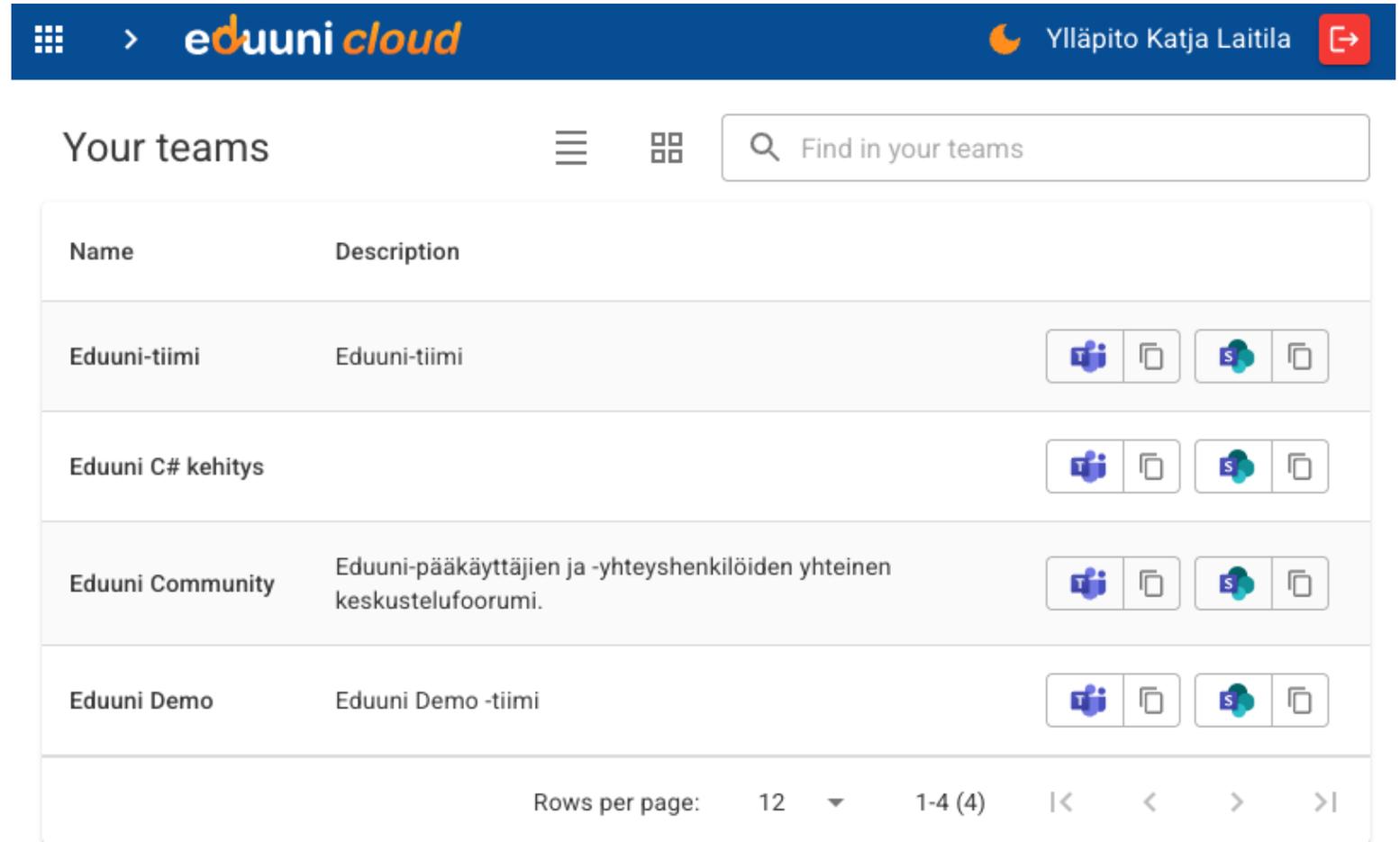
Teams chat view

Non-compliant device



Eduuni Cloud Portal

- From the Eduuni Cloud portal homepage, users can find links to their team resources
- cloud.eduuni.fi



The screenshot shows the Eduuni Cloud Portal interface. At the top, there is a dark blue header with the Eduuni Cloud logo and the user name "Ylläpito Katja Laitila". Below the header, the main content area is titled "Your teams" and features a search bar with the text "Find in your teams". The teams are listed in a table with columns for "Name" and "Description". Each team entry includes icons for Microsoft Teams and OneDrive.

Name	Description	Actions
Eduuni-tiimi	Eduuni-tiimi	   
Eduuni C# kehitys		   
Eduuni Community	Eduuni-pääkäyttäjien ja -yhteys henkilöiden yhteinen keskustelufoorum.	   
Eduuni Demo	Eduuni Demo -tiimi	   

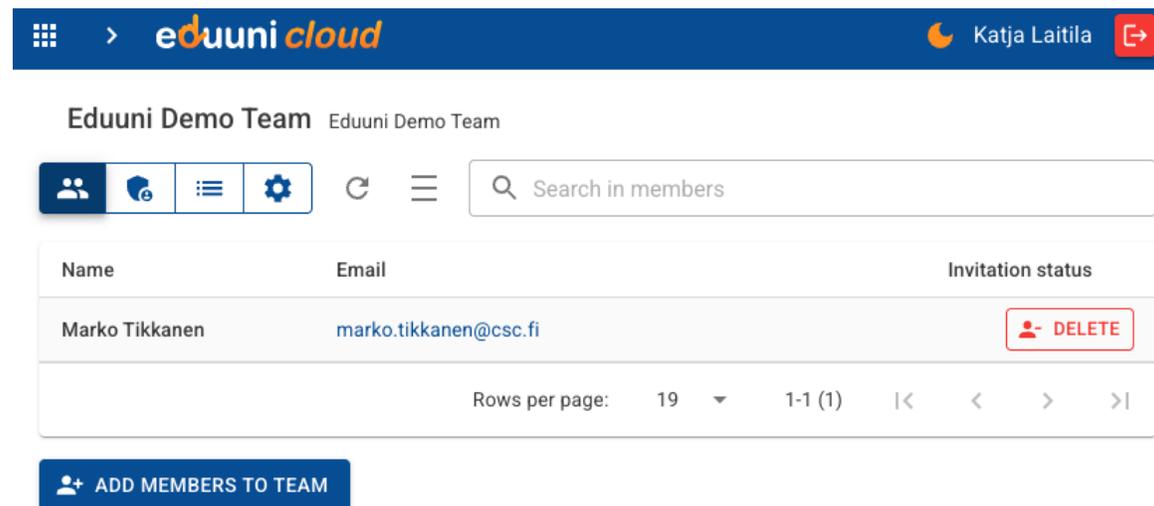
Rows per page: 12 1-4 (4) |< < > >|

Eduuni Cloud Team Management

- Through Eduuni Cloud team management, you can manage the team and its settings:
 - Private channels and their members
 - Team settings and appearance
 - Managers (team-specific users who can also manage the team)
 - Eduuni-ID synchronization

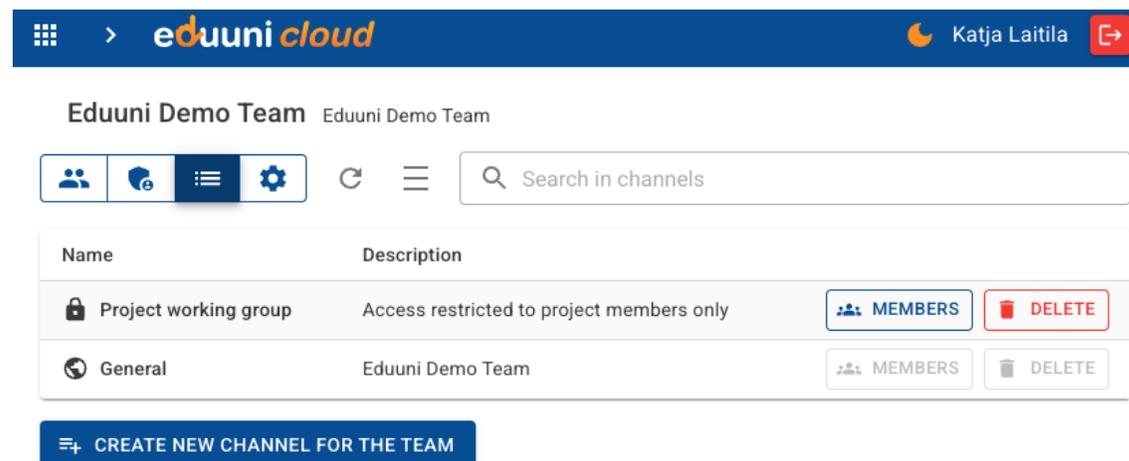
- Customer-designated admin users can manage all teams under the customer's ownership

- In addition to admin users, it is possible to define users with permissions to create new teams



The screenshot shows the 'Eduuni Demo Team' management page. At the top, there is a navigation bar with the 'eduuni cloud' logo and the user 'Katja Laitila'. Below the navigation bar, the team name 'Eduuni Demo Team' is displayed. A toolbar contains icons for team settings, refresh, and search. A search box labeled 'Search in members' is present. Below this is a table with columns for 'Name', 'Email', and 'Invitation status'. One member, Marko Tikkanen, is listed with email 'marko.tikkanen@csc.fi' and a 'DELETE' button. At the bottom, there is a 'Rows per page: 19' indicator and a '1-1 (1)' page indicator. A blue button labeled '+ ADD MEMBERS TO TEAM' is at the bottom.

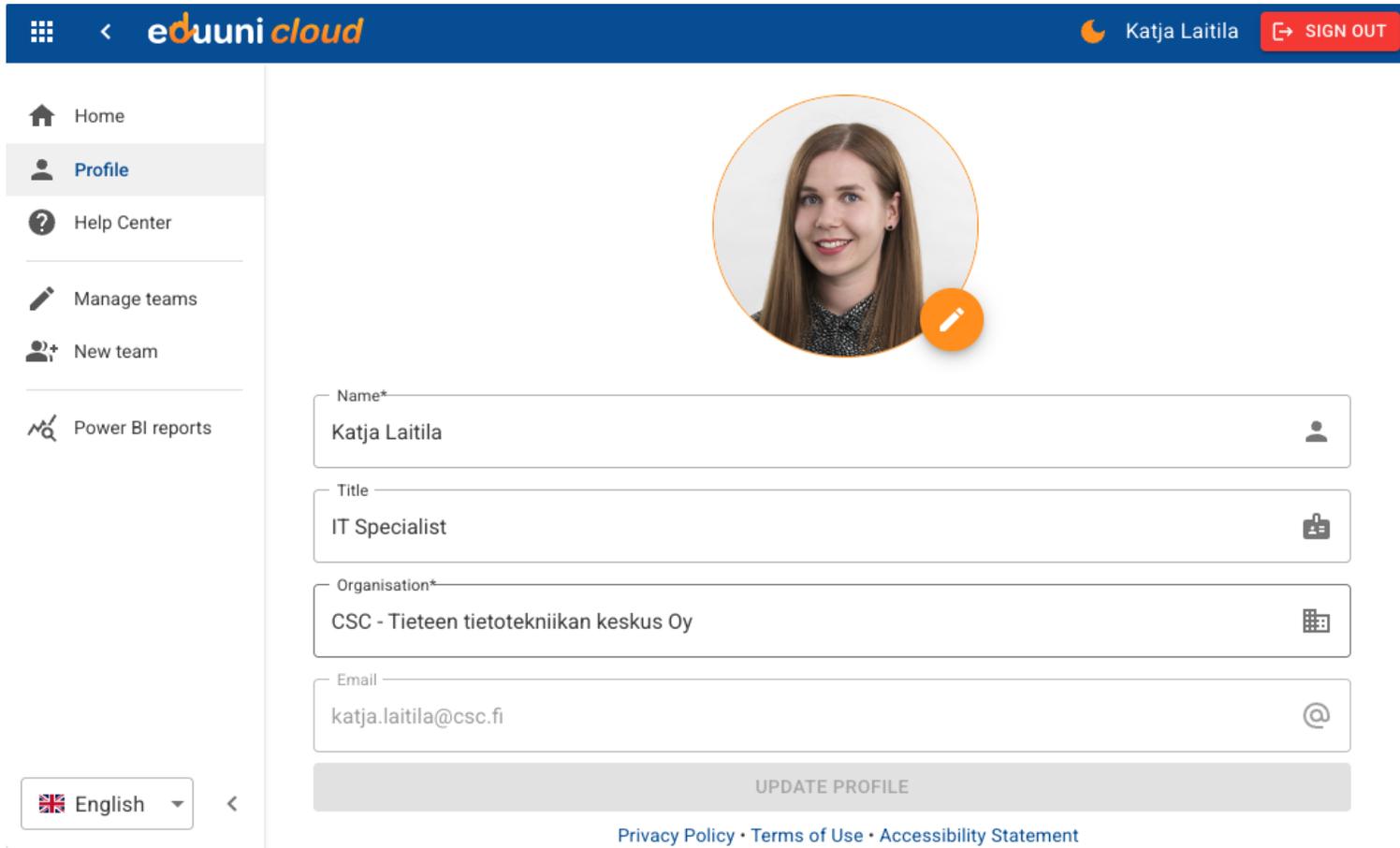
Name	Email	Invitation status
Marko Tikkanen	marko.tikkanen@csc.fi	DELETE



The screenshot shows the 'Eduuni Demo Team' management page for channel management. The navigation bar and team name are the same as in the previous screenshot. The toolbar includes icons for team settings, refresh, and search. A search box labeled 'Search in channels' is present. Below this is a table with columns for 'Name', 'Description', 'MEMBERS', and 'DELETE'. Two channels are listed: 'Project working group' with description 'Access restricted to project members only' and 'General' with description 'Eduuni Demo Team'. Both channels have 'MEMBERS' and 'DELETE' buttons. A blue button labeled '+ CREATE NEW CHANNEL FOR THE TEAM' is at the bottom.

Name	Description	MEMBERS	DELETE
Project working group	Access restricted to project members only	MEMBERS	DELETE
General	Eduuni Demo Team	MEMBERS	DELETE

Eduuni Cloud Profile Management



The screenshot displays the Eduuni Cloud profile management interface. At the top, the user is logged in as Katja Laitila and can click 'SIGN OUT'. The left navigation menu includes Home, Profile, Help Center, Manage teams, New team, and Power BI reports. The main content area shows a profile card for Katja Laitila with a circular profile picture and an edit icon. Below the profile card are four input fields: Name* (Katja Laitila), Title (IT Specialist), Organisation* (CSC - Tieteen tietotekniikan keskus Oy), and Email (katja.laitila@csc.fi). Each field has a corresponding icon (person, briefcase, calendar, and email). At the bottom, there is an 'UPDATE PROFILE' button and links for Privacy Policy, Terms of Use, and Accessibility Statement. A language dropdown menu is visible in the bottom left corner, set to English.

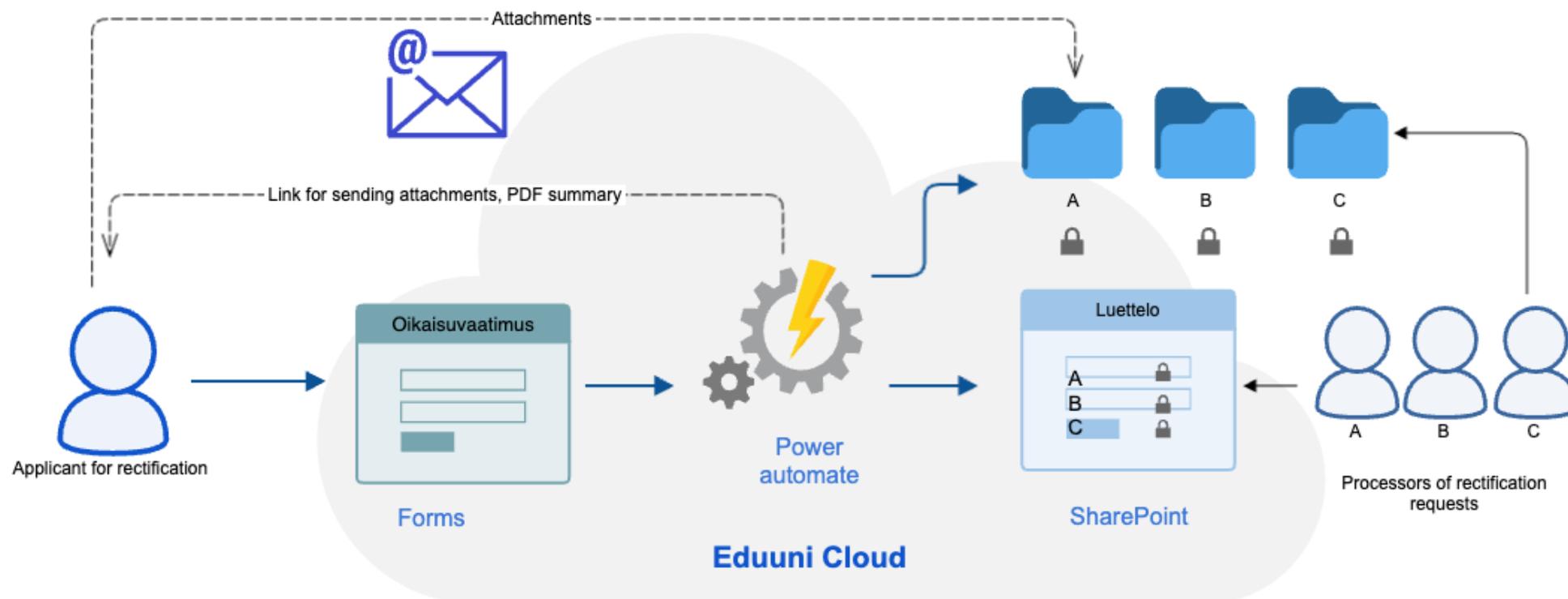
Eduuni Cloud profile management allows setting a picture and basic information for guest accounts

<https://info.eduuni.fi/palvelut/eduuni-cloud/>

CASE: Requests for rectification on student admission 1/2

In spring 2025, nine entrance exams were coordinated across four universities (UEF, Aalto, TAU, UH).

The appeal process related to universities entrance exams was implemented on Eduuni Cloud with the Power Platform using Microsoft Forms, Power Automate, and SharePoint services.



CASE: Requests for rectification on student admission 2/2

Solution:

- Time was spent mapping requirements, and the solution was tailored to meet detailed needs
- The project stayed on schedule, which also made it possible to test functionalities before deployment.
- The entire solution was clearly documented.

Benefits:

- Universities received a shared electronic appeal form.
- Requests of rectifications / appeals are automatically stored on the platform, reducing manual work.
- Enabled collaboration across multiple organisations on one platform.
- Limited access rights could be granted based on entrance exam (A-I).
- Materials could be shared among coordinators, reviewers, exam coordinators, and rectification contacts on one platform.
- For universities, this provided a unified process and significant time savings compared to previous methods.

Customer Experience:

“Although challenging and full of unexpected details, the project was completed on a tight schedule. It was exciting to build a new way of working. Collaboration with CSC was smooth, and the result greatly simplifies daily work.”



CASE: DMP Analyser

- AI-assisted data management plan assessment tool
 - <https://dmpanalyser.eu/>
- Leverages **generative AI (Azure OpenAI, GPT-5-mini / GPT-4o)** to assess plans against defined evaluation criteria
- Target audience: research support units in universities and research organisations (e.g., libraries)
- Users upload a DMP document and receive **AI-based analysis and annotated PDF results**
- Built in **Eduuni Cloud's Azure environment (CSC)**
 - Fully container-based microarchitecture
- Security and authentication via **Eduuni Cloud Microsoft Entra ID**
- Access rights management via the **Eduuni Cloud Management Portal**
- All data is processed and stored within the **EU region (North Europe)**

CASE: DMP Analyser

- The solution leverages Azure services such as:
 - **Azure Container Apps** (application services and isolated execution environment)
 - **Azure Cosmos DB** (management of metadata and analyses)
 - **Azure Blob Storage** and SharePoint (file management with organisation-specific practices)
 - **Azure OpenAI** (EU-region GPT models for analysis)
 - **Azure Key Vault** (management and protection of secrets)
 - **Application Insights & Log Analytics** (monitoring and observability)
- **GitHub** serves as the central hub for version control, documentation and deployment automation
- **Infrastructure as Code** (IaC) principle: all environments, settings and deployments are automated, enabling a repeatable and portable implementation to other tenants



Contact



<https://info.eduuni.fi/palvelut/eduuni-cloud/>



eduuni.fi | customerservice@eduuni.fi