A photograph of three young women standing outdoors on a grassy area, possibly a school campus. They are gathered around a laptop held by the woman on the right. The woman in the middle is pointing at the screen. The woman on the left is smiling and holding a tablet. They are all dressed in casual attire. In the background, there is a building with large windows and some trees.

Microsoft Education

Interoperability Challenge
EduTech 2019

National
Schools
Interoperability
Program **NSIP**

Interoperability at Microsoft

Microsoft has made—and continues to make—broad-ranging changes to our technology and business practices that promote greater interoperability.

Our approach includes delivering interoperability in our products and technologies; collaborating with customers, partners, and competitors; supporting and developing industry standards; and providing developer resources and access to Microsoft intellectual property (IP).

For partners and developers, our interoperability efforts provide access to the technology and tools that help create solutions to customers' interoperability needs while enhancing market opportunities.

Principles

Open Connections to Microsoft Products

Open Protocols
Open API's

Open Access and documentation

RAND patent terms

Open Source
Compabtibility

Support for standards

Support Key Standards

Broad Compatibility

Extensions

Data Portability

Industry Standard formats

Open Formats

Open Import/Export

Document Format Defaults

Open Engagement

Interoperability Forum

Open Source Interoperability Initiative

Interoperability Principles patent pledge for Open Source developers



Cloud

Azure, Linux, SAP Hybrid

Productivity

Microsoft Teams Integrations

O365 Integrations

MDM, Security & Compliance

Defender Win10/Mac

Intune to manage Mac, Android and Windows

- [Blackbaud - onCampus](#)
- [Blackboard](#)
- [Brightspace by D2L](#)
- [Canvas by Instructure](#)
- [Haiku Learning](#)
- [itslearning](#)
- [LoveMySchool](#)
- [Moodle](#)
- [NEO by Cypher Learning](#)
- [Sakai](#)
- [School Bytes](#)
- [Schoology](#)



Identity

AAD to Google and SSO to 1000s

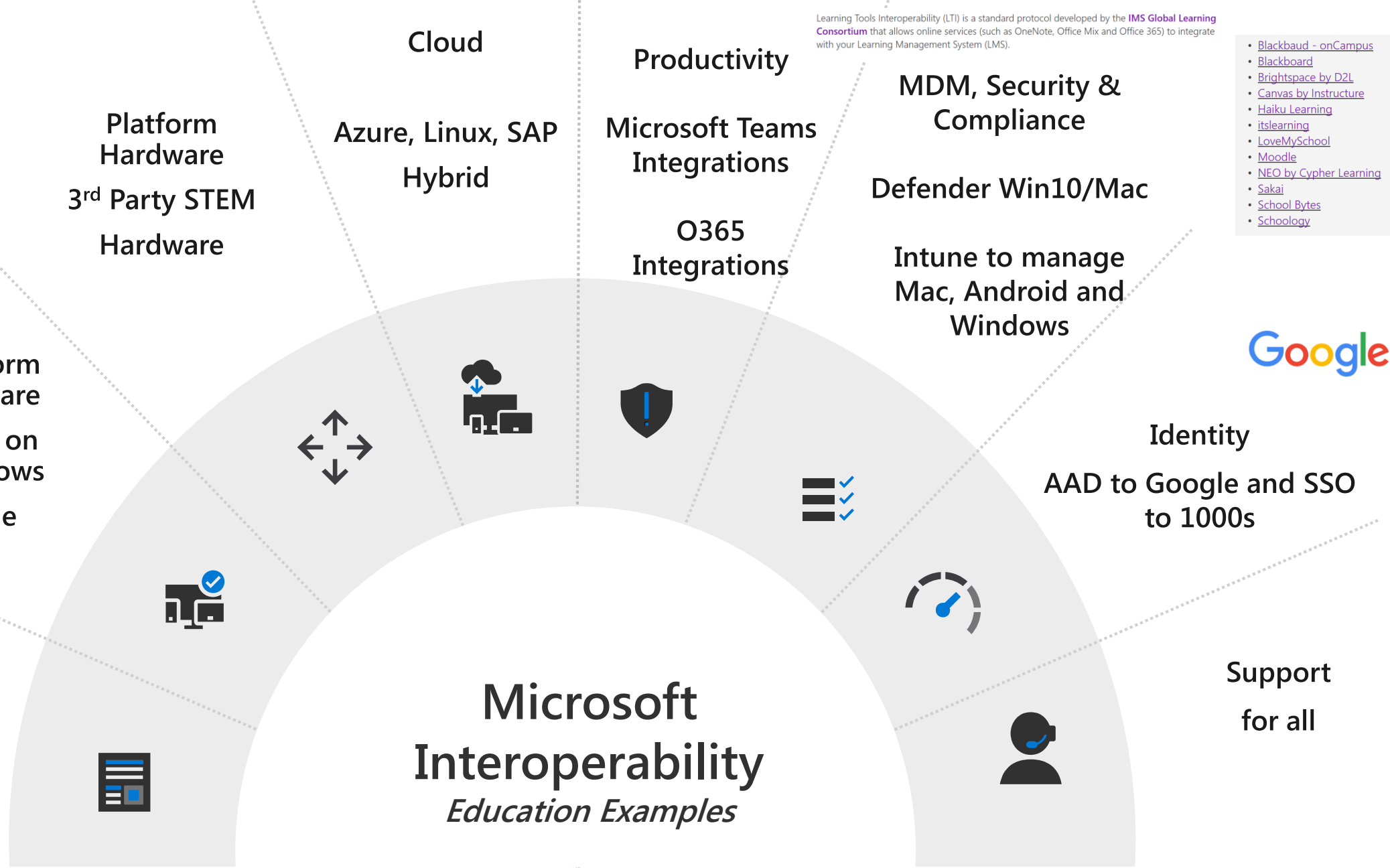
Support for all

Platform Hardware
3rd Party STEM Hardware

Platform software
Apps on Windows
Edge

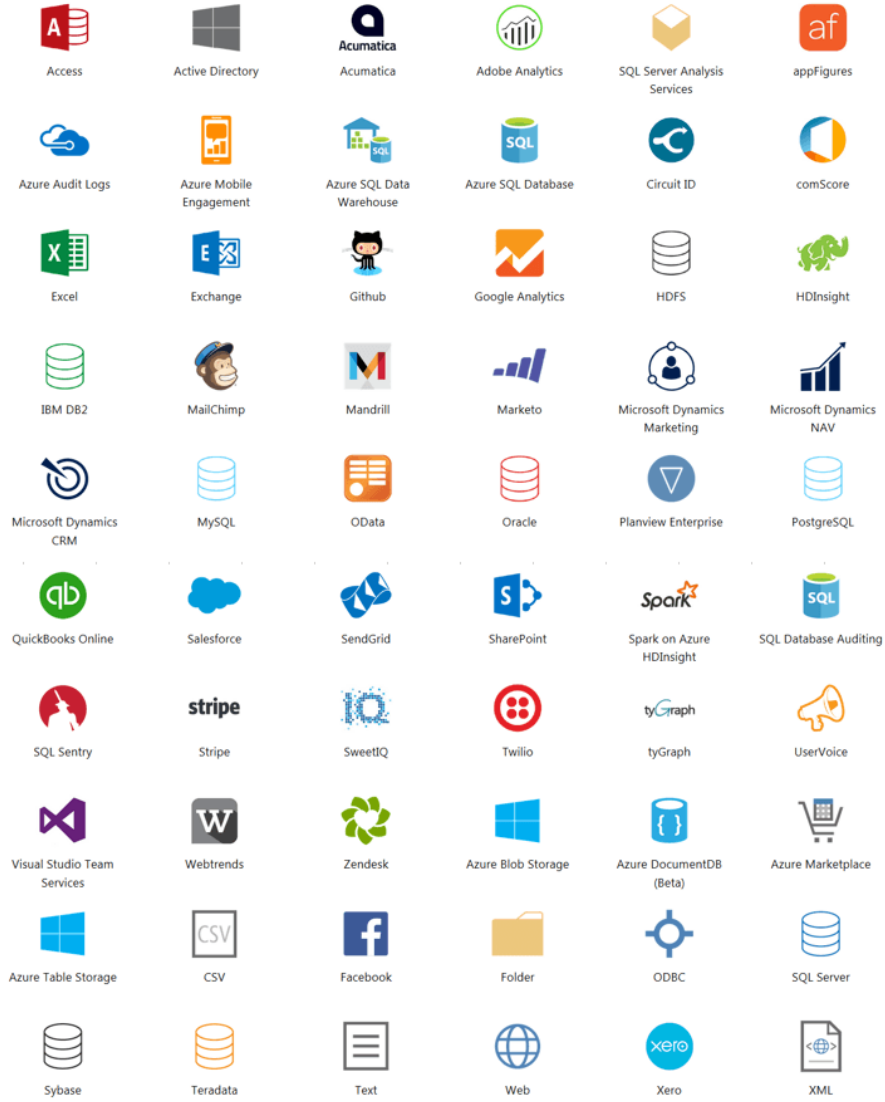
Data

School Data Sync
PowerBI data sources

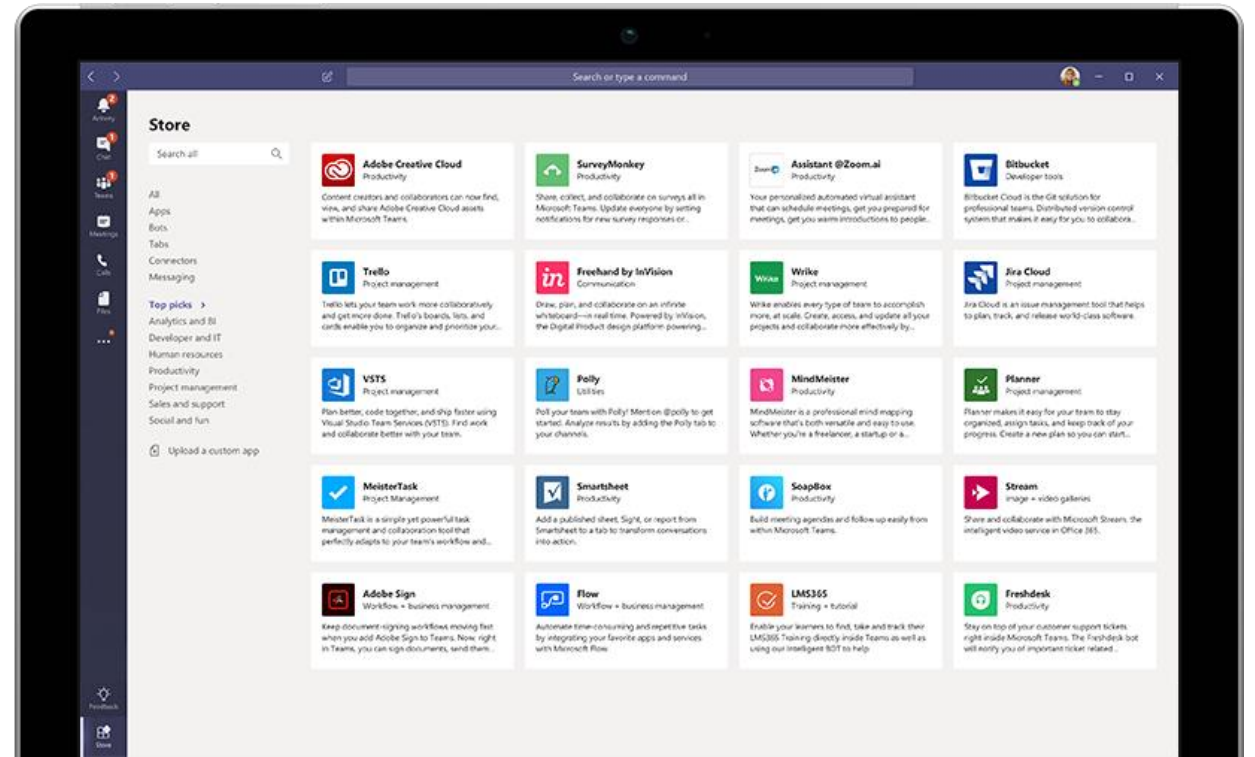


Microsoft Interoperability
Education Examples

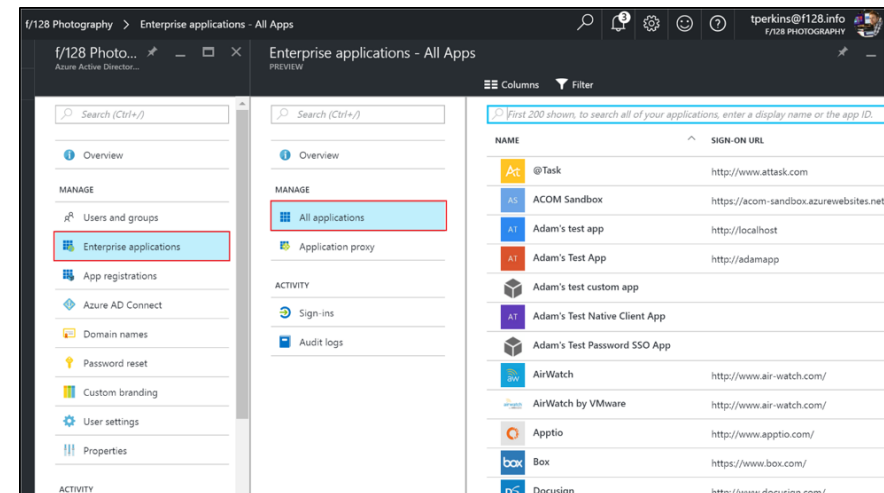
In practice:



Data Sources for Power BI



Snap shot of Teams Integrations (1000's of third party apps)



Intune managing tried party apps

Security, Compliance & Trust

Top customer asks:

1. Where the data is?

2. Duty of care – Who can they see (policy control O365/Teams Scope visibility of data for groups)

Any customer can go to trust centre and find out:

<https://www.microsoft.com/en-us/trustcenter/default.aspx>



