Microsoft

IMS Europe Summit 2019
Lightning Talk

a data interoperability story…

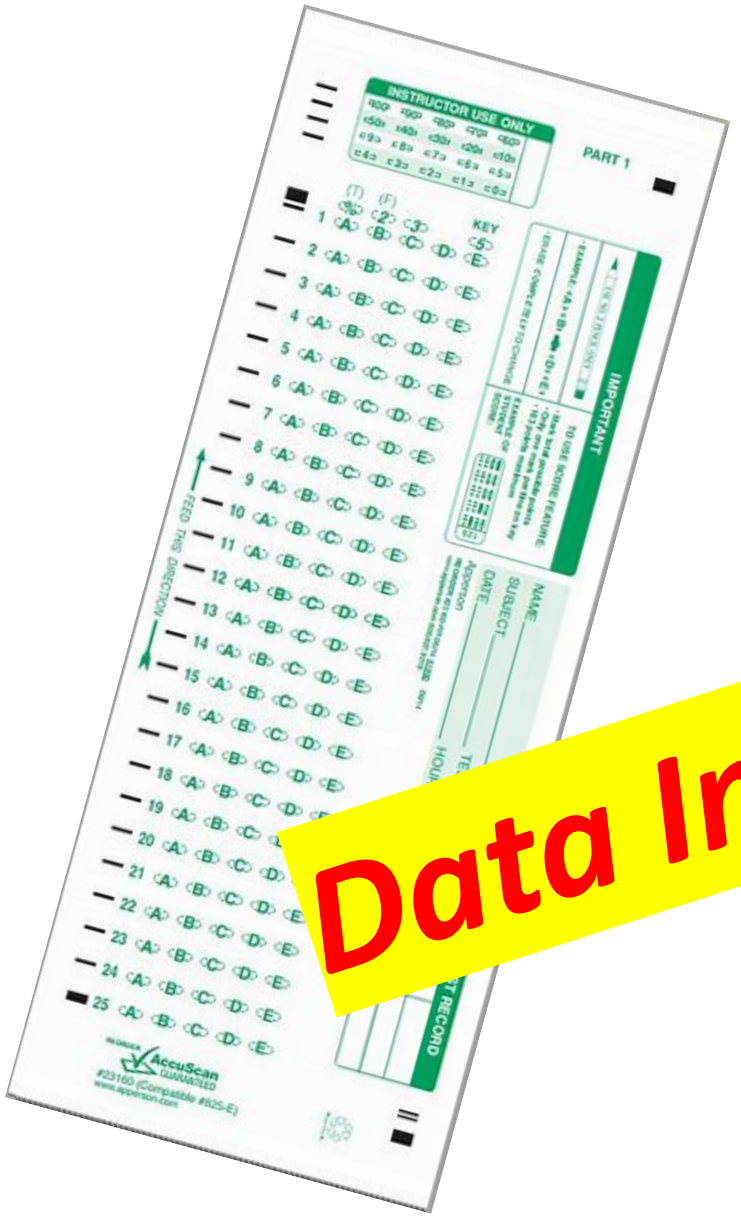
Gene Garcia

this story begins in Atlanta, at Spectrum K12

spectrum K12
SCHOOL SOLUTIONS
Move Every Child Forward®

EXCEED

acquired by Scantron



SCANTRON®

Data Interoperability!

pectrum K12
SCHOOL SOLUTIONS
Move Every Child Forward®

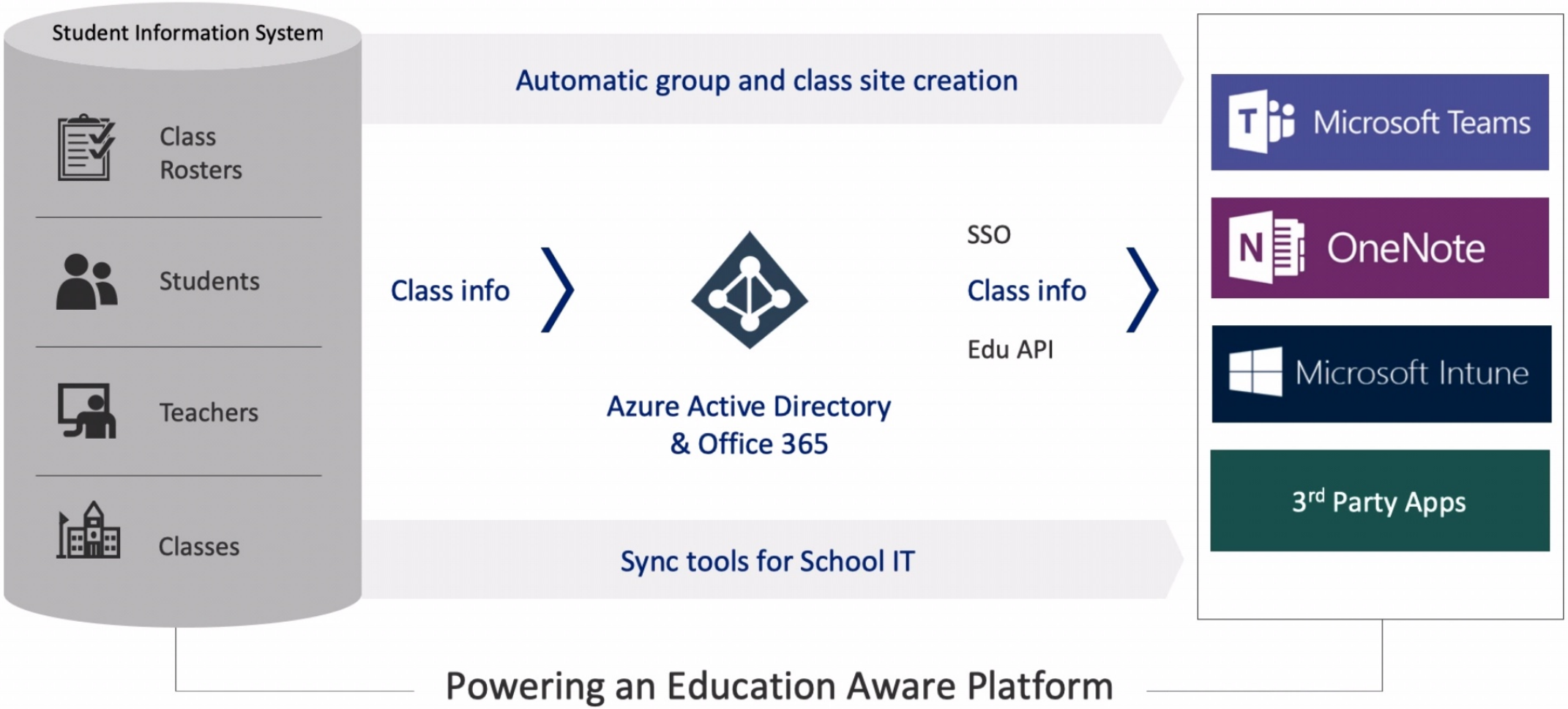
GlobalScholar

Integration Platform as a Service for education

DataSense™

Microsoft

School Data Sync



CDM & Industry Accelerators

Education

Nuventive. · neudesic · Discourse Analytics · Frequency Foundry · Campus Management · avtex

Healthcare

aspect · neudesic · mazikglobal · Northwell Health · encore · Intraprise HEALTH · Hitachi Solutions · KYRUUS · mazik global · agile analytics · MNP · WORLD4YOU · avanade · HandsFree HEALTH · indegene

Automotive

annata · exlo

Preview

Financial Services

avanade · KPMG · EY · VERIPARK · fiserv.

Preview

Nonprofit

threshold world · SOS Children's Villages International · UKaid · Lifeboats · Bill & Melinda Gates Foundation · Classy · StratusLIVE · ifunds · FLUXX · SPARKROCK · blackbaud · WIPFLi · Team Rubicon · OXFAM · ballmer GROUP · UNIT4 · m-hance with you all the way · Mission CRM · REVEL

Microsoft Analytics Non-Vertical Stack

Azure Data Lake Service V2 (ADLSv2)

- Separate Compute from Storage
- Supports schematized data and streams
- Massive Storage Capacity – Looks like Files/Blobs
- Common Data Model (CDM) – Describes Data and Lights up Features in Stack

Azure Data Warehouse

- Cloud Scale Data Warehouse

Power BI + Azure Analytics Services

- Customer Features to develop Models/Dashboards/Reports
- Uses any data storage including ADLSV2 – CDM powered

Power BI Embedded

- ISV Features to develop Models/Dashboards/Reports and embed into outside solution
- Includes branding and UX support to make look like surrounding product
- Ability to use CDM and ADLSv2

Azure Data Factory

- Extract Transform and Load at Cloud Scale

Microsoft

Primary Goal: *Drive learning outcomes!*

1) data interoperability requires strong standards
2) strong ecosystem
3) a strong platform that makes it easy