WEB SERVICES FAST FACTS

July 2020 - July 2021
- 146 UW systems integrated
- 883 million web service calls

Most popular web services
- Person
- Student
- HR/Payroll

Who uses EWS?
- Developers
- System Administrators
- System Integrators

Which business units use EWS?
- UW-IT
- Foster School of Business
- Creative Communications
- Office of Research
- Student Life
- Information School

OVERVIEW

Enterprise Web Services (EWS) are a secure collection of Application Programming Interfaces (APIs) that integrates data to and from many sources across UW. The EWS is a system of reference that enables enterprise business applications to access commonly shared source data in a scalable, real-time, and highly available architecture.

WHY CHOOSE EWS?

Works seamlessly with your systems and applications to regularly provide the most updated data available throughout the day. The EWS reduces the need to maintain a duplicate system of reference and reduces the proliferation of sensitive business data.

ADVANTAGES
- Updated data throughout day, good for time-sensitive needs
- Secure access
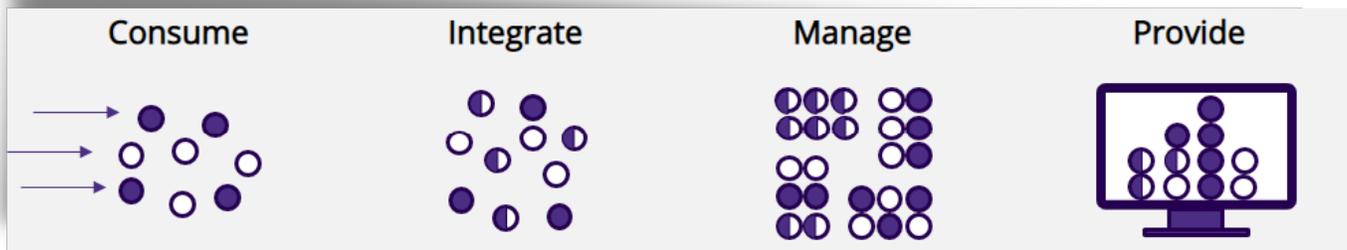- Best for system-to-system integrations

CONSIDERATIONS
- Technical knowledge and planning required
- Time for initial authorization is longer than other products

BOTTOM LINE

Get the data your systems need to do the work you need them to do to in a way that works for your organization and makes sense to those who matter.

EWS is one service in the Enterprise Data Platform portfolio that consumes, integrates, manages and provides data to the UW.

Consume   Integrate   Manage   Provide

Web Services Case Study – College of Education

GOALS

- Create a multi-dimensional view of a College of Education student
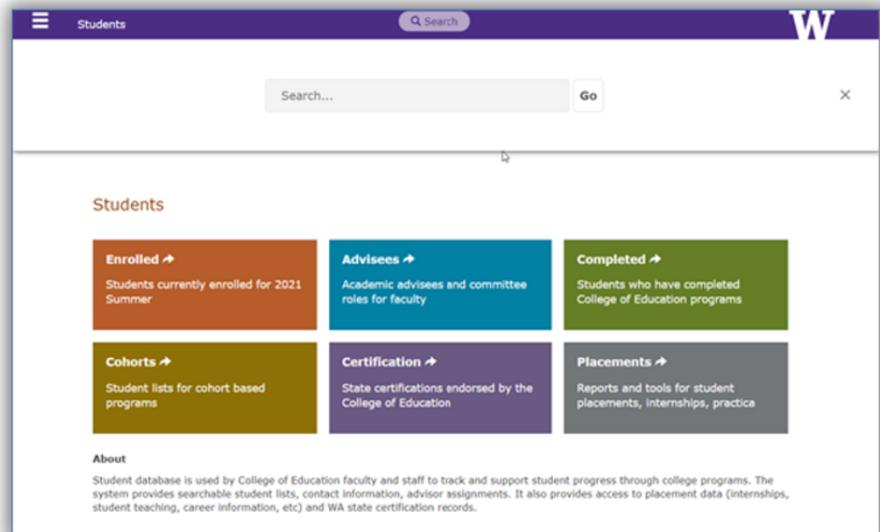- Achieve state-mandated reporting compliance

CHALLENGES

- Various people owned spreadsheets of information with no single source of truth
- 50 district programs/pathways

PRIORITIES

- Track student processes that are specific to the College of Education
- Needed a way to track student progress toward degree completion
- Wanted flexibility to get data 'live' and combine with local data to answer questions unique to College of Education
- Minimize the amount of student data stored locally
- Compliance with reporting obligations

RESULTS

- Provides a single source of truth for important, college-specific student records
- Tracks by student cohort, program specific milestones, state certification processes, internship placement
- Used extensively by Institutional Research, Office of Student Services, and program administrators
- Gives a data set to answer complex questions. For example: a report for 'course capacity planning'
- More opportunities for future development. For example: proactive student tracking (what will they need next, based on where they are now). Increase usefulness for faculty advisors. Integrate with petition processes.

WHY THIS MATTERS

- Any school, department, or college can use these tools to create a unique view of a student.
- This efficient approach to data saves time and money.

"Our situation is common across the university.

Our units have distinct work flows and we needed flexible access to the data to be able to answer our specific questions"

Paul Hanisko, Web Developer
College of Education

QUESTIONS

help@uw.edu Subject Line "EWS"
itconnect.uw.edu/work/data/enterprise-web-services/