



# Minnesota Counting All Students Near Real Time vs. Batch Processing

March 2019  
Paul Freid & Greg Gilman

# Overview



- ▶ JMC is releasing a series of Counting All Students (CAS)(Ed-Fi) videos in 2019.
- ▶ These videos will be short and will cover topics such as
  - Start Year
  - Mid Year
  - Year End
  - Near Real Time vs. Batch Processing
  - Near Real Time
  - Ancestry Data
  - Minnesota Miscellaneous
  - Error Correction
  - Counting All Students: 2019–2020 and beyond

# CAS Near Real Time vs. Batch Processing

- Batch Processing is any time you have to push a button to send data to MDE
  - Minnesota – CAS – Start Year
  - Minnesota – CAS – Update Grade
  - Minnesota – CAS – Update Student
  - Minnesota – CAS – Delete Student
- Near Real Time submission allows you to have data automatically submitted any time you edit a student. Near Real Time processing can be enabled any time after initial Start Year batch processing has been completed

# CAS Near Real Time vs. Batch Processing

## Near Real Time Setup

- Make sure you have finished Start Year processes first
- File – Administrator Options
  - Ed–Fi Settings
    - Checkbox to enable
    - Email address for error messages
  - SMTP Settings
    - Acquire from Eric Doyle  
(eric@jmcinc.com)

# CAS Near Real Time vs. Batch Processing

## Near Real Time and Batch Processing are Complimentary Parts of the Ed-Fi Model

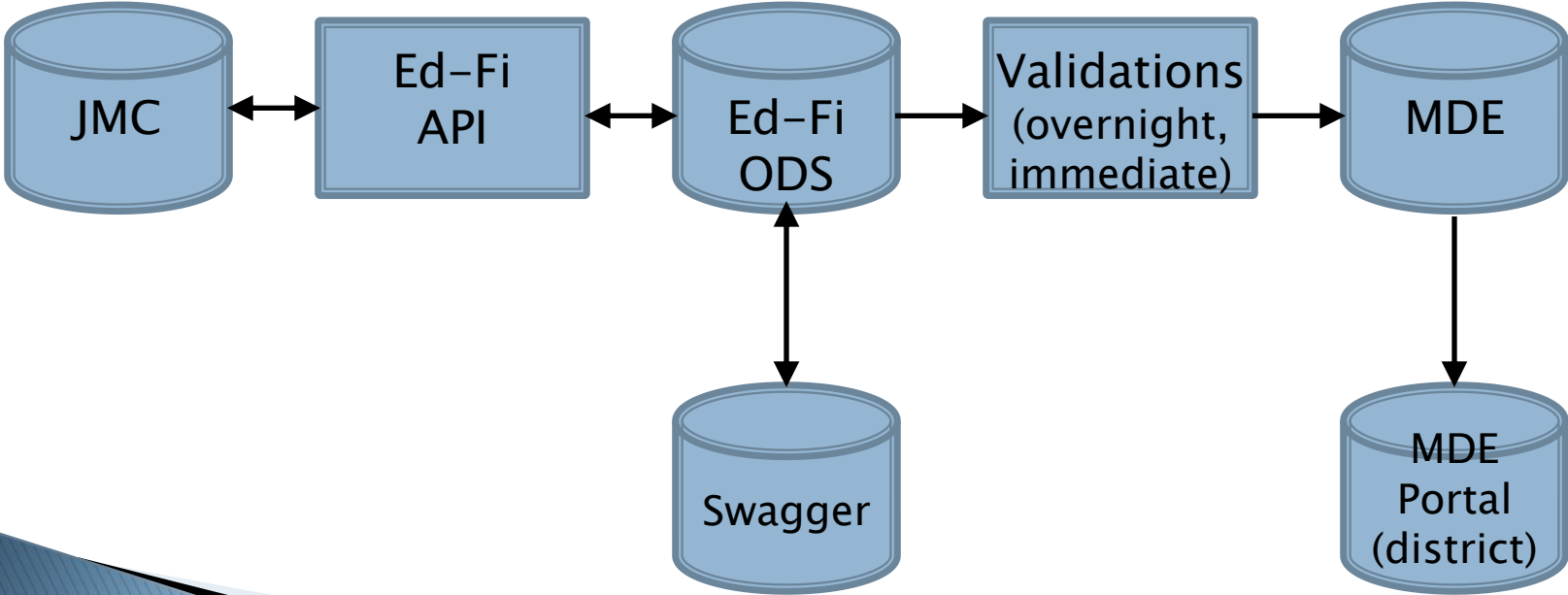
- Near Real Time attempts to get all changes submitted on the fly
  - Advantage – prompted to work on errors throughout the school year
    - Fix immediately, closer to data entry
    - Should make it easier to figure out errors
    - Errors will show up in email instead of automatically on the page like for batch processes
  - Shortcomings – near real time may not catch all changes

# CAS Near Real Time vs. Batch Processing

## Near Real Time and Batch Processing

- Batch Processing
  - Weekly is not a bad idea (resynchronize)
- Batch Processes should still be used to resynchronize data prior to deadline, even if Near Real Time is enabled
  - Two Weeks, fix errors
  - One week, fix errors
  - Resynchronizing (batch processing) may flush out additional errors that near real time does not

# CAS MDE Data Flow Chart



# CAS Near Real Time vs. Batch Processing

Make a point to log in to MDE portal regularly throughout the year

- Minimum – Weekly
- Portal will contain L2 errors which do not show up in either Near Real Time OR Batch Processing

Actively work to correct L1 AND L2 errors on a regular basis

Do not wait until the deadline is near to work on errors!



# Minnesota CAS Resources

- ▶ <https://education.mn.gov/MDE/dse/count/>

# JMC Resources



- ▶ [http://jmcinc.com/state\\_reporting](http://jmcinc.com/state_reporting)
- ▶ Documentation Updates
  - ▶ Minnesota State Reporting (PDF)
  - ▶ Instructional Videos Series
  - ▶ Sign up for free web-based training
  - ▶ All will be updated on ongoing basis

Simplicity.  
Affordability.  
Unsurpassed Support.

STUDENT RECORD MANAGEMENT SOFTWARE

JMC INC.

Phone: 1.800.524.8182  
Tech Support: support@jmcinc.com  
Client FTP Login

Online  
TECHNICAL SUPPORT

JMC Inc.

Since 1980



#### CURRENT BUILD DATE:

NextGen: 1/11/19

- Download / Update Software Resources
- Secretary / Office Professionals
- Technology Professionals
- Administrators
- Teachers
- State Reporting**
- Food Service Professionals
- Health Professionals
- Prospective Clients
- Contact Us
- Office Supplies
- Upcoming Events**

#### News

There are a lot of changes happening with state reporting. Please refer to the appropriate tab at right for your state for information about documentation updates, deadlines, and related news.

## STATE REPORTING

All State Reporting resources are available for you on this page. Please click on the tab that contains the state reporting information you need.

- Minnesota**
- Wisconsin
- Nebraska
- Iowa
- Other States

JMC prides itself on keeping up-to-date on all Minnesota state reporting requirements. All Minnesota state reporting options are contained in the JMC Minnesota module and include options for MARSS, MCCC, Early Education Student, Perkins, STAR, and Graduation Standards reporting. Before you upload your files to the Minnesota Department of Education, most file generation options in the JMC Minnesota module will generate an error report for you. This means you can correct nearly all issues with your data before uploading your files to MDE.

[Early Education](#) [MARSS](#) [MCCC](#) [Perkins](#) [STAR](#)

### Counting All Students (Ed-Fi) Video Series

|   |                               |                                 |
|---|-------------------------------|---------------------------------|
| <a href="#">Counting All Students - Start Year</a>                          | <a href="#">PDF 2/19/2019</a> | <a href="#">Video 2/19/2019</a> |
| <a href="#">Counting All Students - Near Real Time vs. Batch Processing</a> | <a href="#">PDF 2/19/2019</a> | <a href="#">Video 2/19/2019</a> |
| <a href="#">Counting All Students - Ancestry Data Collection</a>            | <a href="#">PDF 2/19/2019</a> | <a href="#">Video 2/19/2019</a> |

### RECENT PRESENTATIONS

|  |                              |
|--|------------------------------|
| <a href="#">MDE Ed-Fi Overview from JMC 2018 Summer Conference in Chaska</a> | <a href="#">PDF 8/2/2018</a> |
|--|------------------------------|

### DOCUMENTATION

|   |                   |
|---|-------------------|
| <a href="#">Minnesota State Reporting</a> | Updated 9/19/2018 |
| <a href="#">Attendance MN</a>             | Updated 4/26/2018 |

Remote Technical Support



# Questions?

- ▶ Feel free to contact us:
- ▶ JMC Technical Support
  - ▶ Talk with Us: 800-524-8182
  - ▶ Website: <http://www.jmcinc.com>
  - ▶ Support Tickets:  
<http://tickets.jmcinc.com/>
  - ▶ Email: [Support@jmcinc.com](mailto:Support@jmcinc.com)