

Student communication and notifications

Automatically sends targeted notifications to students and parents based on academic events, attendance, and deadlines. Reduces manual communication workload while improving student engagement and parent involvement.

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WORKFLOW TRIGGER

Academic event occurs in student information system (grade posted, assignment due, absence recorded)

Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





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Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Academic Event Detected

System detects an academic event such as a new grade posting, upcoming assignment deadline, or attendance issue. Event data is captured including

student ID, event type, and relevant details.

AI Business OS

PowerSchool

Canvas LMS

2

 ACTION

Retrieve Student Profile Data

Pulls comprehensive student information including contact preferences, parent/guardian details, communication history, and academic standing. Gathers necessary context for personalized messaging.

PowerSchool

Clever

3

 DECISION

Determine Communication Priority Level

Evaluates event severity and student risk factors to classify as urgent (immediate action required), standard (routine update), or informational (FYI only). Routes to appropriate notification pathway based on priority.

PowerSchool

4

 ACTION

Generate Personalized Message Content

Creates customized notification text incorporating student name, specific event details, relevant deadlines, and appropriate next steps. Adapts tone and content based on recipient type and priority level.

Canvas LMS

Schoology

5

 ACTION

Select Delivery Channels

AI Business OS

Chooses optimal communication methods based on urgency, recipient preferences, and institutional policies. Options include email, SMS, mobile app push notifications, and parent portal alerts.

PowerSchool

Canvas LMS

Clever

6

 ACTION

Send Multi-Channel Notifications

Delivers messages simultaneously across selected channels to students and parents/guardians. Tracks delivery status and schedules follow-up reminders if needed for high-priority items.

PowerSchool

Canvas LMS

Schoology

7

 OUTPUT

Log Communication Records

Records all sent notifications in student communication history with timestamps, delivery confirmations, and response tracking. Updates student engagement metrics and communication preferences based on interaction data.

PowerSchool

Clever



Outputs

AI Business OS

- Automated email and SMS notifications sent to students and parents
- Communication history logged in student information system
- Updated student engagement and response metrics



Key Metrics

- Communication delivery success rate
- Parent/student response and engagement rates
- Reduction in manual communication tasks



Tools & Integrations

- PowerSchool
- Canvas LMS
- Clever
- Schoology

AI Business OS

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