

Scanner Settings

Last Modified on 05/06/2025 9:43 am CDT

The Scanning toolset is part of the [Campus Workflow Suite](#).

Tool Search: Scanner Settings

System administrators can manage scanning preferences with the Scanner Settings tool. Click **Save** to apply changes.

School Wide Scanner Settings

The following settings are available when a school is selected in the toolbar.

Classroom Attendance

See Also: [Classroom Attendance Kiosk](#) 

Classroom Attendance


VERSION: 2.4.6

Tardy Threshold (minutes)

5

Absence Threshold (minutes)

10

Auto Submit Threshold (minutes) 

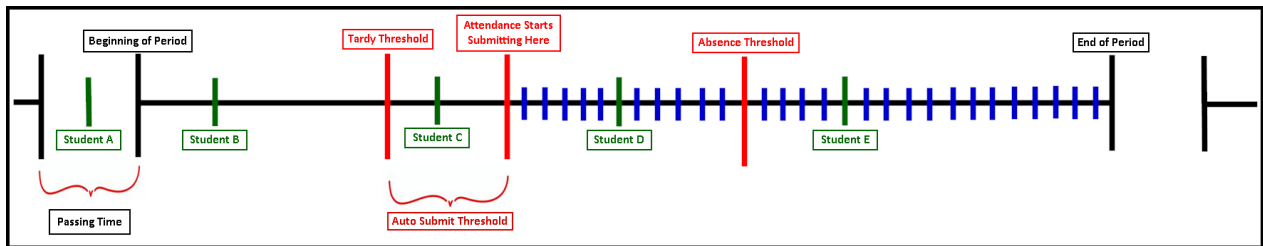
5

Classroom Attendance Settings

Field	Description
Tardy Threshold (minutes)	The number of minutes after the period start time when the student will be considered tardy. This field is required.
Absence Threshold (minutes)	The number of minutes after the period start time when the student is considered absent. This field is required.

Field	Description
Auto Submit Threshold (minutes)	The Auto Submit Threshold determines how many minutes after the Tardy threshold to start submitting attendance to the front office.

Example:




- Student A scans into class during Passing Time and is marked as Present.
- Student B scans into class just after the start of the period and is marked as Present.
- Student C scans into class and is marked as Tardy Unknown since they scanned in after the Tardy Threshold.
- The Attendance for Students A, B, and C will not be recorded or viewable in Infinite Campus until the Auto Submit Threshold is reached.
 - Do note that due to this delay, the time on the Scan History Report and the time stamp on when the attendance was actually written to Infinite Campus may differ.
 - This delay has no impact on whether the students will be marked Tardy Unknown/Absent Unknown.
- After the Auto Submit Threshold has been reached, attendance will begin syncing every 1 minute.
 - This is denoted by the blue lines.
 - Any student rostered in class who has not scanned in when Auto Submission begins will be marked as Absent Unknown.
 - In the above example, Students D and E would have been marked Absent Unknown
 - If a student was previously marked Absent Unknown by Auto Submission and scanned in prior to the Absence Threshold, their Absence Unknown will be changed to a Tardy Unknown.
 - Student D is a great example of this.
- Student D was marked Absent Unknown at the time of the Auto Submission. After they scan into class, they will be marked as Tardy Unknown since they scanned in after the Tardy Threshold, but before the Absence Threshold. Their attendance is updated the next minute when the scanner syncs attendance.
- Student E was marked Absent Unknown at the time of the Auto Submission. After they scan into class, they remain marked Absent Unknown, since they scanned in after the Absence Threshold.

Alternate Identifier

See Also: [Mass Assign Alternate IDs](#), [Alternate ID Lookup](#) 

Districts that use RFID tags and readers to have students scan in/out at kiosks can select to use Alternate Identifier.

Alternate Identifier

Enable Alternate Identifiers (Required) 

No

Expected Student identifier in Scanner Tools 

Student Number

Alternate Identifier Settings

Field	Description
Enable Alternate Identifiers	<p>Enables if the Alternate Identifier is used for scanning in or out at kiosks. Options include:</p> <ul style="list-style-type: none"> Yes - If selected, only Alternate Identifiers are used. Yes w/Fallback - If selected, either Alternate Identifier or the value selected in District Wide Scanner Settings can be used to scan in/out. No - Alternate Identifiers will not be accepted at scanners.
Expected Student identifier in Scanner Tools	<p>This is the District-Wide setting that determines the expected Student Identifier. This is read-only and can be changed by swapping your context to All Schools instead of a specific calendar and navigating to Scanner Settings.</p>

Absence Requests

Absence Requests

Enable Absence Requests



The Absence Requests checkbox, if marked, enables parents/guardians to submit absence requests for students enrolled in the calendar selected in the Context Switcher using the [Absence Request](#) tool in Campus Parent. Students enrolled in calendars where this checkbox is **not** marked will not display on the parent's Absence Request tool.

< More | Absence Requests

If your student is not available in the list, contact a school administrator.

Select the students you wish to submit an absence request for

☐ Abdi S Ahmed (Grade: 12)

Excuse *

Absence Type *

- ☐ Full Day Absence
☐ Arrive Late
☐ Leave Early

Scan Prevention

In order for Scan Prevention to work correctly with behavior resolutions, please ensure you are filling out the End Date and End Time on your behavior resolutions.

Scan Prevention gives schools the ability to configure behavior resolutions to add warnings or stop a student from scanning in if the student was not supposed to be in attendance. Stop/Warn will only look at behavior events for the currently selected calendar.

Scan Prevention

Type	Resolution/Flag	Action	
Behavior ▼	40: 4 Oaks Temporary Placement ▼	Stop ▼	🗑️
Behavior ▼	S: Out-of-school suspension ▼	Stop ▼	🗑️
Behavior ▼	Int: Intervention ▼	Stop ▼	🗑️
Behavior ▼	E: Expulsion ▼	Stop ▼	🗑️
Behavior ▼	MT: Make up time for absences ▼	Warn ▼	🗑️
Behavior ▼	TC: Teacher-Student Conference ▼	Warn ▼	🗑️
Flag ▼	See Principal ▼	Stop ▼	🗑️
Flag ▼	No-Contact ▼	Warn ▼	🗑️

Add Row

Field	Description
Type	Determines whether Behavior Resolution or Flag options populate in the Resolution/Flag drop-down column.
Resolution/Flag	The Behavior Resolution or Flag will trigger a stop or warning message to appear when a student attempts to scan in.
Action	Determines what type of message will appear when a student attempts to scan in. Three types of actions are available: <ul style="list-style-type: none"> • Stop - A Stop message will pop-up and a warning tone will trigger, stating that the student has a scan prevention and will not be able to scan in. • Warn - A Warning message will pop-up and a warning tone will trigger, stating that the student has a scan prevention, but can still be scanned in. • Display - A Display message will appear as a banner, stating the student has a scan prevention, but can still be scanned in.

Stop/Warn Enabled Stations

These are the stations where Stop/Warn messages can appear for Check In/Out kiosks and custom scanners.

Station	Attend	Kiosk
Nurse	No	No
Counseling	No	No

Hall Monitor	No	N/A
Check In/Out	Yes	N/A
Check In/Out Kiosk	N/A	Yes (Stop ONLY)
Custom Scanners	Yes	Yes (Stop ONLY)

Check In/Out Kiosk












See Also: [Check In/Out Kiosk](#) 

Check In/Out Kiosk is designed to be used by students (not attended by staff) to check in/out. After scanning in and selecting check in/out, students select a button for the reason. Options set for each button determines how the event is processed.

Check In/Out Kiosk

Check In Grace Period (minutes prior) ⓘ
15



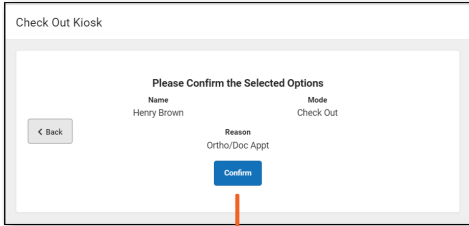
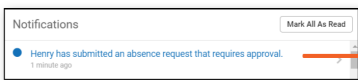
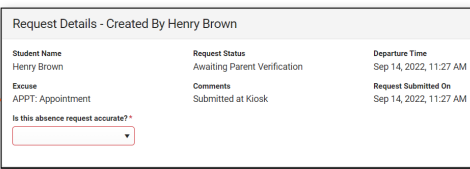

Check In Grace Period (minutes after) ⓘ
15

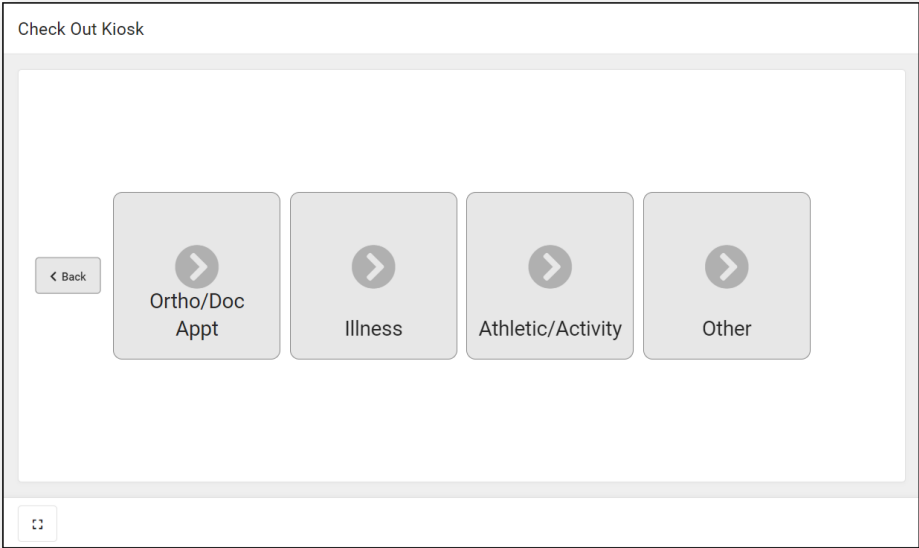
			Available For	Sequence	Button Label	Excuse	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Check Ins ▾	1 ▴ ▾	Ortho/Doc Appt (with Dr. note)	APPT: Appointment ▾	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check Ins ▾	2 ▴ ▾	Ortho/Doc Appt (no note)	APPT: Appointment ▾	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Either ▾	3 ▴ ▾	Illness	SICK: Child Illness ▾	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check Outs ▾	1 ▴ ▾	Ortho/Doc Appt	APPT: Appointment ▾	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Either ▾	7 ▴ ▾	Athletic/Activity	Act: School activity/function ▾	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check Ins ▾	8 ▴ ▾	Car Trouble/Traffic	Car: Car Trouble ▾	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Either ▾	9 ▴ ▾	Other	MISC: Other ▾	

Add Row
Sort Rows

Check In/Out Kiosk Settings

Field	Description
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Field	Description
Check In Grace Period (Minutes Prior) Check In Grace Period (Minutes After)	<p>The Grace Period works in conjunction with parent-entered absence requests. If a parent entered a late arrival request, and the student scans in within the grace period and selects a button linked to the same excuse the parent entered, the scan in/out is matched up with the request and no other processing is needed. A hall pass is printed if selected.</p> <p>If a student checks in/out outside of the grace period, the absence request is placed in an "Awaiting Parent Verification" status and parents are notified via Campus Parent that they need to review the absence request.</p> <p>Example: A parent entered an absence request for a student with the excuse "APPT: Appointment" The parent selected an arrival time of 9:15am. The Grace Period is set for 15 minutes before/after. If the student scans in between 9 and 9:30 am and selects a button where APPT: Appointment is selected as the excuse, the scan in is matched with the parent request and is considered complete.</p>
 Request Processing	<p>If checked, student scan in/out are sent to Absence Request Processing to be processed by an attendance clerk.</p>
 Notify Parent/Guardian	<p>If checked, parents receive a notification and will need to confirm the attendance request in Absence Request (Campus Parent)</p> <div>    </div>
 Print Pass	<p>If enabled, students will receive both a printed physical hall pass and a digital hall pass. To set up scanning printers, follow the instructions on Scanning Administration and Tool Rights.</p>
Available For	Defines if the button is available for Check In, Check Out, or Either.
Sequence	The sequence the buttons will display on screen.

Field	Description
Button Label	<p>Text label on buttons for students to select.</p> 
Excuse	<p>Excuse code recorded when the student selects the button.</p> <p>Excuse options are defined as part of Absence Request processing and may be different from attendance codes. Excuse options are created and modified as the Absence Request option in the District Wide Scanner Settings.</p>

Additional Settings for Scanners

Additional fields can appear when students scan into standard or custom rooms based on an ad-hoc filter that is selected for that room. Fields on the selected ad-hoc filter will be displayed alongside the student's name, grade, and picture. The selected filter is not used to determine if a student can scan into a location.

Additional Settings for Scanners

Name	Style	Ad Hoc Filter ¹	Hall Pass	Attendance Excuse	Receipt Comments
Check In/Out	 Expanded		Both	AUX: Absent Unexcused	Test Check In/Out Cor
Counseling	 Expanded	*All Students	Out	No Attendance	
Daily Health Check	 Compact		Never		
Detention	 Compact		Out		
Hall Monitor	 Compact		In	ARES: Attendance-Behavior Related	
Health Office	 Compact		Out	No Attendance	
Counseling	 Compact		Out	No Attendance	
Library	 Compact		Out	PRE: Present	
Resource Room V2	 Compact		Out	No Attendance	
Computer Lab	 Compact		Out	No Attendance	

Field	Description
Type	The type of room, either Standard or Custom, that can have an ad-hoc information added to it.
Name	The name of the room where ad-hoc filter will be applied.
Style	How the ad-hoc information will be displayed when scanned in.
Ad Hoc Filter	<p>The information defined on the ad-hoc filter will display with the student information when they scan in.</p> <div> <p>Note: If a user does not have rights to the filter configured for a scanner, the field will display, "You do not have rights to the filter."</p> <p>When scanning in a student, a Rights Error will appear stating "You do not have rights to the filter configured for this tool."</p> </div>
Hall Pass	<p>Create a physical and/or digital hall pass when signing in, signing out, for both, or never.</p> <ul style="list-style-type: none"> In - A hall pass is created when they are signing in. Out - A hall pass is created when they are signing out. Both - A hall pass is created when they are signing in and out. Never - A hall pass is never created. <div> <p>A printer must be set up for physical hall passes. To set up scanning printers, follow the instructions on Scanning Administration and Tool Rights.</p> </div>
Attendance Excuse	<p>This is the default excuse code given to students when they scan into the scanner. The list of codes you can select from is determined by the scanner you are working with:</p> <ul style="list-style-type: none"> Check In/Out and Hall Monitor <ul style="list-style-type: none"> You are able to select any absent or tardy attendance code. No present or early dismissal codes are available. All other scanners where attendance is available: <ul style="list-style-type: none"> You are able to select any present code. If you choose "No Attendance" is selected, then no attendance will be written.

Field	Description
Receipt Comments	This is the comment that is printed on a physical hall pass for either the Check In/Out Manned Scanner or Hall Monitor Scanner.

Lunch Config

This setting is only used for the Classroom Attendance Kiosk.

Lunch Config

Ignore lunch minutes in calculations i

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A

Lunch at Beginning or End of Period

B

Lunch at Beginning or End of Period

C

Lunch at Beginning or End of Period

Example of Ignore lunch minutes in calculations checkbox - not marked

Lunch Config

Ignore lunch minutes in calculations i

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Example of Ignore lunch minutes in calculations checkbox - marked

Field	Description
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Field	Description
Ignore lunch minutes in calculations	<p>When this option is checked, Campus will disregard any minutes allocated to lunch periods in Scheduling & Courses > Calendar Setup > Period Setup. Student check-ins for classes are expected to occur promptly at the start of the period and the Tardy and Absence Thresholds will be calculated based on the Start of the Period.</p> <p>When left unchecked, Campus will display all configured lunches in the calendar under Scheduling > Lunch or Scheduling and Courses > Build Schedules > Lunch Setup.</p> <p>Once lunches are created, they also need to navigate to the course/section and select which lunch that section goes to.</p>
Lunch at Beginning or End of Period	<p>Allows you to identify whether lunch is at the beginning or the end of the period. This will determine where the Tardy and Absence Thresholds will be. Please see the example below explaining how the setting works.</p> <p>This field only displays when the <i>Ignore lunch minutes in calculations</i> checkbox is not marked.</p>

Lunch Config Example

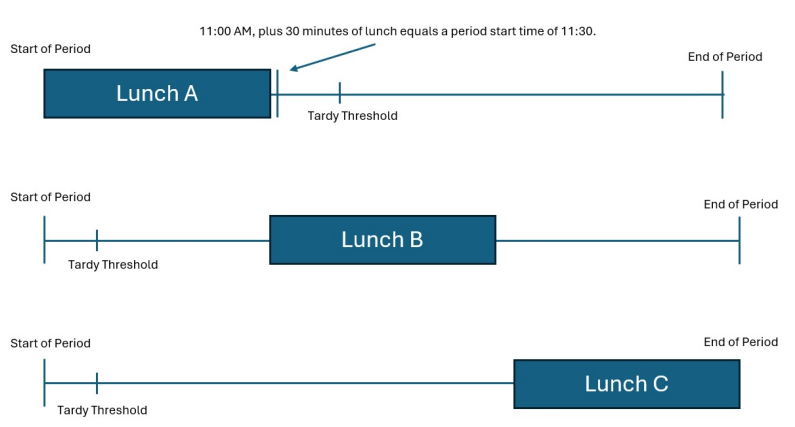
Period Start Time 11:00 AM, with 30 minutes of lunch on the period.

Lunch Config Setting:

Lunch A = Beginning of Period

Lunch B = End of Period

Lunch C = End of Period



Students assigned to A Lunch go to Lunch at the beginning of period. Students will scan into class AFTER lunch, so we add the number of lunch minutes (30) to the original period start time of 11:00 i.e. 11:30.

Students assigned to B or C lunch will scan into class at the beginning of the period, so the regular rules apply.

District Wide Scanner Settings

The District Wide Scanner Settings are available when **All Calendars** is selected in the toolbar.

Student Barcodes

District Wide Scanning Settings

Student Barcodes

VERSION: 2.3.15

Expected Student Identifier in Scanner Tools *

Student Number

Student Number

Person ID

State ID

Save

Field	Description
Expected Student Identifier in Scanner Tools	Changes the barcode student identifier in the Scanning toolset to either the Student Number, Person ID, or the State ID.

Absence Request: Excuse Code Settings

Districts can add, edit, and modify their excuse codes from the Absence Request: Excuse Code Settings. The codes will appear under More > Absence Request in the Campus Parent portal.

Absence Request: Excuse Code Settings

Show Inactive Excuse Codes
☐ OFF

Excuse Code	Excuse Name	Sequence	Required	Active	
ILL	Illness	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
LATE	Late	2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
VAC	Vacation	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
SLEEP	Slept In	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DR	Doctor/Dental	5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
COL	College Visit	6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Add Row

Save

Field	Description
Show Inactive Excuse Codes	Toggle On to show all excuse codes or toggle Off to only see active excuse codes.
Excuse Code	The internal code for the excuse.
Excuse Name	The name of the excuse that parents will see on the portal when filling out their absence request.
Sequence	The order excuses will appear in the Excuse field.
Required	<p>Indicates whether a document upload is required when selecting the excuse.</p> <p>If this is unchecked, the document upload button will still appear, but it will not be required.</p> <p>Parents are only allowed to upload one document per request. This means that if the absence request has three students, all three students will have the same document attached to their absence request, even if it does not pertain to them.</p> <p>The uploaded document will only be viewable and live on the Absence Request itself. It will not be viewable in Person Documents or elsewhere in Infinite Campus.</p>
Active	If checked, the excuse is available for users to select. If unchecked, it is not available for users to select.
Delete	<p>Remove the excuse from the Absence Request: Excuse Code Settings.</p> <p>Excuse Codes cannot be deleted if they are associated with an Absence Request record or with a Check In/Out Kiosk button. These codes are denoted by a lock icon instead of a trashcan.</p>