FIM Queueing

Contents

1 Introduction

FIM Queueing is a tool that FRC events can use on pit displays to give teams and other pit staff access to information about the current status of the event. This is achieved by having multiple "screens" which the event staff can choose based on what would be most useful to them and those around them. These screens include:

- A queueing display, which shows the match on the field, on deck, and the three matches following for both qualification and playoff
- A bracket for playoffs (8 alliance, double elimination)
- A scrolling rankings display, which shows team placement and game-specific details
- A full screen embed of the event's live stream

2 Event Eligibility

Because FIM Queueing works over the internet, a few things are required for your event to be eligible.

1. You must have a stable internet connection in the pit.
   - Or wherever you are placing your displays. A direct connection to the field is not required.
2. Your field should publish match schedules to FRC HQ.
   - TBA Sync is coming for offseason events, but not yet available.

- If your field is not able to publish schedules, it can be worked around. See [Manually Running Quals](#) TODO MAKE THIS SECTION

To use the playoff displays:

1. Your event must have 8 alliances and be using double elimination.
   - If your event does not meet this requirement, we recommend showing the livestream on your pit display instead.
2. Your field must be continuously syncing with FRC HQ.
   - Once again, TBA Sync is coming. It must be continuous because playoff schedules change as winners are determined.

FIRST in Michigan events are automatically enrolled in FIM Queueing. If you are running an event outside of the FIM district, get in touch to have your event added at no cost.

3 Getting Set Up

Getting your displays set up is super easy:

1. Go to https://fim-queueing.web.app
2. Log in with the event key you were provided
3. Click on the screen you wish to show
4. Repeat as much as you'd like

Once your event moves from qualification matches into playoffs, you'll probably want to show a different, more relevant, screen. Click the back to home button and select something else.

3.1 Having Issues?

If you run in to any issues getting the display up and running, or your event needed to regenerate its schedule after publishing it, let one of the FIM Queueing administrators know. They have remote management capabilities over all connected displays, so they can:

1. Remotely change the screen a given display is on
2. Refresh displays
3. Reload event schedules # Screenshots

The following screenshots are current as of 12 Mar 2023. Improvements may have been made since their inclusion into this document.
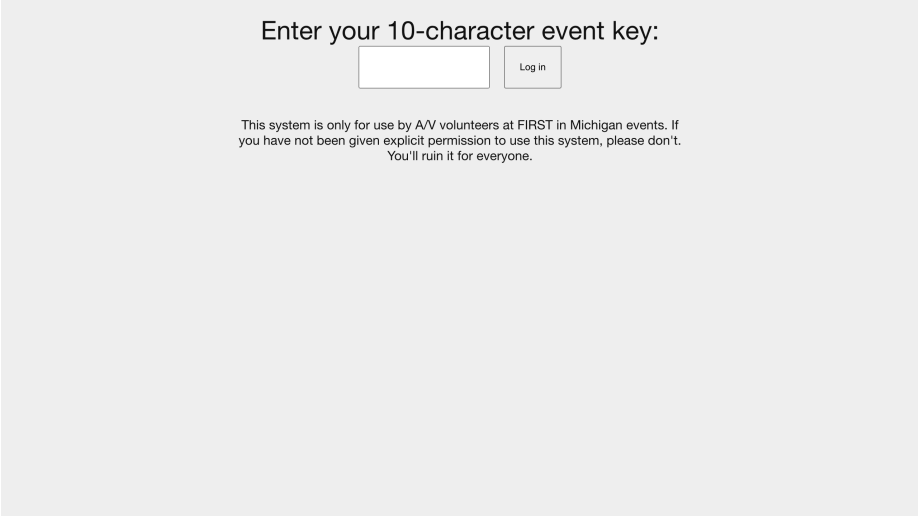
TODOTODOTODO add rest of screenshots

Enter your 10-character event key:

[input field] [Log in]

This system is only for use by A/V volunteers at FIRST in Michigan events. If
you have not been given explicit permission to use this system, please don't.
You'll ruin it for everyone.

Figure 1: The login screen

Data last published 8 days ago.

Test Event

12	**6029** **7598** **3414**	13	**5167** **548** **6344**
	9204 **6528** **66**		**4737** **8314** **4680**
	On Field		On Deck

14	**7224**	**503**	**6538**
	67	**7056**	**8899**

15	**3538**	**7553**	**1025**
	308	**3707**	**5695**

16	**6528**	**7225**	**2224**
	6618	**5531**	**7598**

62 | 4th 548 | 5th 503 | 6th 1025 | 7th 6344 | 8th 7598 | 9th 5167 | 10th 308 | 11

Figure 2: Qualification match queueing screen with all options

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Figure 3: Playoff bracket (fills in as events complete)