

## Helping higher ed replace "liability" with "reliability" during high demand

#### **James Beal**

#### **Director of Technical Engagement**

(North America)





## Queue-it empowers higher ed institutions to run confident & fair online registrations

FOUNDED INCUSTOMERSEMPLOYEES20101,000+200+OFFICES INUSAU



#### You are now in line

You are now in line for tickets. When it is your turn you will have 10 minutes to enter the website.

Your number in line: 8445 Your estimated wait time is: 5 minutes

## Web traffic peaks can overwhelm universities' IT systems



#### Sudden surges swamp infrastructure on a moment's notice



17:05	17:10	17:15	17:20	17:25	17:30

#### Sudden surges swamp infrastructure on a moment's notice



Failing to control traffic leads to poor student experiences & operational impacts

- **SPIKES HAPPEN WITH ESSENTIAL, ROUTINE ACTIVITIES**
- **CRASHES/SLOWDOWNS CREATE UNFAIR OUTCOMES FOR HIGH-STAKES REGISTRATIONS & ENROLLMENT**
- PEAK LOAD CAN HAVE A DOMINO EFFECT ON KEY SYSTEMS



# But managing spikes in traffic is not a trivial task

- DIFFICULT-TO-SCALE PLATFORMS
- ONE BOTTLENECK SOLVED, ANOTHER APPEARS
- SOLUTION THAT FITS THE PROBLEM
- BUDGETARY CONSTRAINTS



At scale, everything breaks."

#### **URS HÖLZLE** Google's first VP of Engineering



### By controlling your online traffic with a virtual waiting room, you can deliver reliable & efficient student registrations



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We weren't willing to accept that these issues are just something that have to happen a couple times each year. At MacEwan University, we're always student focused. We want to provide a student experience that's comparable to the best out there.

#### **VAMSI RAMANADHAM** Director of ERP Applications



### How the virtual waiting room works

WITHOUT QUEUE-IT

WITH QUEUE-IT

## How the virtual waiting room works

#### WITHOUT QUEUE-IT



WITH QUEUE-IT

## How the virtual waiting room works

#### WITHOUT QUEUE-IT



WITH QUEUE-IT



### Key details on how Queue-it works

- WAITING PAGE INSERTED BETWEEN TWO WEB
   PAGES USING HTTP 302 REDIRECTS
- FOR WEBSITES, NATIVE APPS & PWAS
- NOT A REVERSE PROXY
- NO DNS CHANGES NEEDED
- NO SENSITIVE DATA SHARED (GDPR, CCPA & HIPAA COMPLIANT)
- ONE-TIME INTEGRATION AT CLIENT SIDE, SERVER SIDE, OR EDGE

#### **QUEUE**IT

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#### Integrate fast & flexibly into your infrastructure



 Native App

 Image: state of the state of the

 Ecommerce Platforms

 salesforce
 SAP Hybris (v)

 Magento
 ORACLE

 Imagento
 WebSphere

# Get control precisely where you need it

- IN FRONT OF YOUR WHOLE WEB APPLICATION
- FOR SPECIFIC LANDING PAGES
- ON DYNAMIC REQUESTS LIKE COURSE
   SIGNUP



## Trigger the waiting room based on flexible parameters

- REQUEST URL
- REQUEST BODY
- HTTP HEADER
- USER AGENT
- COOKIE
- JAVASCRIPT



#### Three ways to use Queue-it

#### **COVER PLANNED REGISTRATIONS**

Capture early visitors on a countdown page and randomize them just like a raffle once your registration starts. Students arriving later are added to the end of the line on a first-come, first-served basis.

#### **INVITE SPECIFIC GROUPS OF STUDENTS**

Students access the invite-only waiting room using links with unique identifiers, letting you validate all traffic joining your sale and preventing bots and abuse.

#### **CONTROL TRAFFIC SPIKES 24/7**

Queue-it acts as a safety net that constantly monitors your traffic inflow and only activates the waiting room when traffic exceeds thresholds you configure.



#### What your scheduled registration could look like



### Students arriving early will see a countdown page



## For an invite-only registration, only students arriving from their unique links will have access



#### When the registration starts, students are randomized & assigned a place in queue



## Students who arrive later get a first-in-first-out spot in line



## In 24/7 protection mode, the virtual waiting room will only activate when traffic exceeds your capacity



#### What your ongoing registration could look like

Queue phase starts as soft launch

Queue

Queue phase continues in 24/7 Visitor Peak Protection mode



## Queue-it helps you deliver reliable registrations, no matter the demand

### Get full control over the online experience you've worked hard to create

# Central command for high demand

- THROTTLE TRAFFIC INFLOW UP & DOWN DEPENDING
   ON HOW YOUR WEB APP IS PERFORMING
- KEEP STUDENTS UPDATED WITH REAL-TIME MESSAGES
- GET DATA-DRIVEN INSIGHTS TO DIAGNOSE ISSUES
   NOW & PLAN FOR REGISTRATIONS LATER



## Your future user experience with Queue-it

- RELIABLE SERVICES WITHOUT CRASHES
- INFORMED STUDENTS
- BRANDED, SEAMLESS EXPERIENCE
- QUEUING ACROSS ANY DEVICE



#### **40+ LANGUAGES** YOUR WEBSITE/LOGO **BRANDED BACKGROUND** Select Language You are now in line Due to high demand, we've put you in a fair, first-in-first-out waiting room. When your turn comes, you'll have 30 minutes to access. Your number in line: 8845 Your estimated wait time: 5 minutes Display messages in real-time. Enter e-mail address



## Queue-it's solution & expert support are with you at every step



## Queue-it customers are happy customers

**CUSTOMER SATISFACTION SCORE** (OUT OF 5.00)

4.80

4.74

**CURRENT AVERAGE REVIEW ON G2, LEADING ALL VIRTUAL WAITING ROOMS** (OUT OF 5.00)

67.5

**NPS SCORE** (SAAS AVERAGE IS 41. 65+ IS CONSIDERED "WORLD CLASS")

66 The Queue-it team is smart, humble and service obsessed. We could not ask for more from a vendor. 99

#### **SCOTT TALLARIDA** EVP & COO



To learn how you can run reliable registrations, visit queue-it.com

