**Universal ADA Automatic Door Opener Pilot – Accessible Entryways**

Facility Services is moving forward with a pilot project to augment access into UW-Milwaukee buildings and spaces via ADA/Universal access automatic doors, so they open upon approach. The hardware and licensing is in-hand for the project. One solution provider is **Portal Entryways who** makes a small Bluetooth device that, when retrofit installed onto a handicap automatic door motor, will enable users to open doors hands-free via the **Portal** Entryways (IOS or Android) smartphone application and Bluetooth enabled Low Energy communications technology. Though it requires a 90 degree turn of the smartphone, we are also looking into an integrated Andover Bluetooth solution as this is the firm used for campus access card reader systems.

The initial project has been approved for **ten (10) only** automatic door opener installations. The pilot should include a mic of door and use types, building exterior doors with/without access card readers, building interior entrance doors, other interior doors.

Current sites under consideration for Portal Entryways installations are:

Building Location

1. *MIT – East or Main entrance having ramp at SE Downer Ave*
2. *MIT – West (middle of) entrance parking lot / dockside*
3. *LECWC (Entrepreneurial/Welcome Center) – West exterior door with access card*
4. *LECWC – West interior door*
5. *END 1st Fl Men 125*
6. *END 1st Fl Women 123*
7. *GML West entrance E1*
8. *GML West entrance Inner N Door*
9. *FAT W entrance W5 with access card*
10. *FAT East entrance with access card*
11. *BOL – North exterior entrance door*
12. *BOL – South door leading to Union*
13. *BOL - Southmost door entrance connector from BOL ramp into Union*
14. *GML East entrance W4*
15. *GML East entrance Inner S Door*
16. *CUN North entrance N1*
17. *CUN North entrance Inner E Door*
18. *PHY North entrance N3*
19. *LECWC (Entrepreneurial/Welcome Center) – East exterior door with access card*
20. *LECWC – East interior door*

Notes:

Information for the final **10 installation sites** is to be confirmed before proceeding.

Quick Codes (QC) Decals will be placed on doors, 1 for each side of each of the 10 doors) These QC stickers enable people to have easy access to get information about and download the Entryways App.

Roger O. Smith mentions a group of students in our Design & Disability class are to complete a comparative evaluation of the new door opening method, also perform and pre and post evaluations.

Links and background

<https://www.portalentryways.com/>

For Frequently Asked Questions & Answers including some of the items below and Access Control see:

<https://www.portalentryways.com/faq/main>

Why does Portal keep the Portal Entryways app open to everyone? Won’t people abuse the app?

Portal keeps Portal Entryways available for everyone and anyone to use because many people have many different needs, including temporary, permanent, invisible and mobility-type disabilities.

Do I have to always enable Location Services?

Only choose ‘Always’ for location services if you’d like to have Portal Entryways automatically scan and open doors for you. You have the option to allow location services ‘Only While Using the App’, which mean you’ll need to open Portal Entryways for it to scan and open doors.

How long will the door be open?

As long as you are within a door’s opening range, it will stay open until you have safely passed through.

If I install Portal, will the existing button actuators stop working?

No. Portal receivers integrate in parallel with existing actuator systems. This means all components of the existing system, including motor, receiver, and button transmitters, continue to function as normal.

Portal Entryways received funding from Y Combinator, a startup accelerator based in Mountain View, CA. In 2005, Y Combinator developed a new model of startup funding. Twice a year they invest a small amount of money ($120K) in a large number of startups (most recently 68). The startups move to Silicon Valley for 3 months. The YC partners work closely with each company to get them...