University of Cincinnati
Access Control Hardware – New Doors
12-7-2017

The University is in the process of converting from a Picture Perfect access system to Lenel OnGuard. The hardware conversion process will begin in early March with the new system expected to be fully online before June 2018. During this period, the implementation of new doors on the system will be affected by hardware differences between the systems. The goal of this document is to detail the various options for new doors and limit the purchase of equipment that will need to be replaced in a few months. Detailed below are the four options that exist for new doors. If you have any questions about the project or the new system, you can contact Steve Siereveld, for access related questions, please contact Larry Frederick.

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Option 1: (Wait for system upgrade)
We will begin upgrading the control panels in early March and anticipate being completed by June 2018. The preferred method is that new doors are held off until the control panels are converted and the new locks and readers can be installed directly on the new OnGuard system. This will ensure that the hardware, installation and programming are all done at the same time and are fully compatible with the new system. If the door is a priority, it can be installed as soon as the applicable control panel is upgraded. It does not have to wait until all of the panels have been upgraded. The control panel upgrade for these doors can be given a higher priority in the time schedule to allow them to be converted earlier in the process.

Option 2: (Available space in building control panel)
If the new door is a priority and there is available space in the existing control panel, a new lock and reader can be installed. The lock can be installed according to the new specification and connected to the existing Picture Perfect system. The door will be installed with a new style reader that will also be compatible with the new OnGuard system. When the control panel is upgraded, the door can then be reprogrammed in the OnGuard system.
**Option 3: (no available space in building control panel)**
If the new door is a priority and there is no available space in the existing control panel, a new control panel must be installed. To accommodate this, a new Picture Perfect control panel must be installed to accommodate the door on the existing system. As the system is converted, the panel must then be removed and replaced with a new OnGuard control panel. The lock can be installed according to the new specification and connected to the existing Picture Perfect system and will be switched to the new system, when the OnGuard control panel is installed. This option will be very expensive to the end user and will require the purchase of 2 sets of control panels at a cost of about $10,000 each.

**Option 4: (install wireless lock)**
The new OnGuard system will be able to work with various wireless lock/reader combinations. These wireless locks are an option for interior office/classroom doors. They are not approved for high security or exterior doors. The current Picture Perfect system cannot work with these locks, but the Campus Services Blackboard system is compatible. If the door is a priority, Campus Services has agreed to temporarily allow these doors to be setup on their system and moved over to the OnGuard system when it comes on line. The installation of these locks on their system will require time for setup and programming. Also, everyone that needs to access that door will need to have their ID cards reprogrammed. To cover the expense of hardware and programming time, there will be a fee per door to temporarily place them on the Blackboard system. This fee will be determined by Campus Services.