

System Design Guide

Configuration options from the lowest cost to the greatest connectivity

CONNECTIVITY



INTELLIGENT LOCK SYSTEM WITH MOBILE PROGRAMMING APP

Changes to lockset and card rights. Upload lockset events.
Remote changes to lockset and card rights. Upload lockset events.



ONLINE DOOR CONTROLLER TO MAIN DOOR

Daily reauthorization checkpoint. Refresh card rights.
Update lockset rights. Upload lockset events.



WIRELESS GATEWAY

Open a lockset door. Initiate a Lockdown. Upload lockset events.



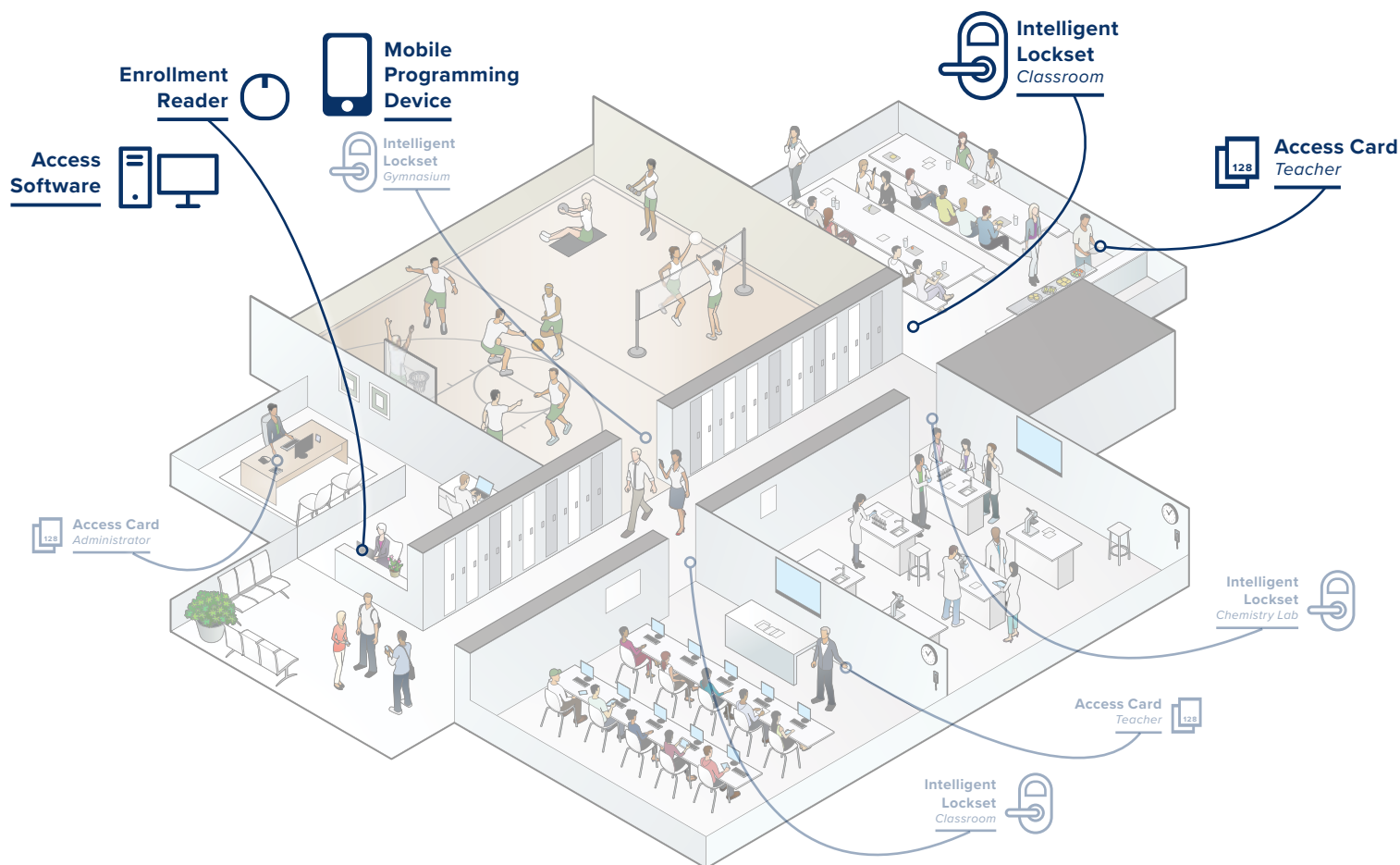
ONLINE DOOR CONTROLLERS ON EVERY DOOR

Real-time, online communication to all doors



INTELLIGENT LOCK SYSTEM

Local & remote changes to lockset ▪ Card blacklisting ▪ Upload lockset events & card audits

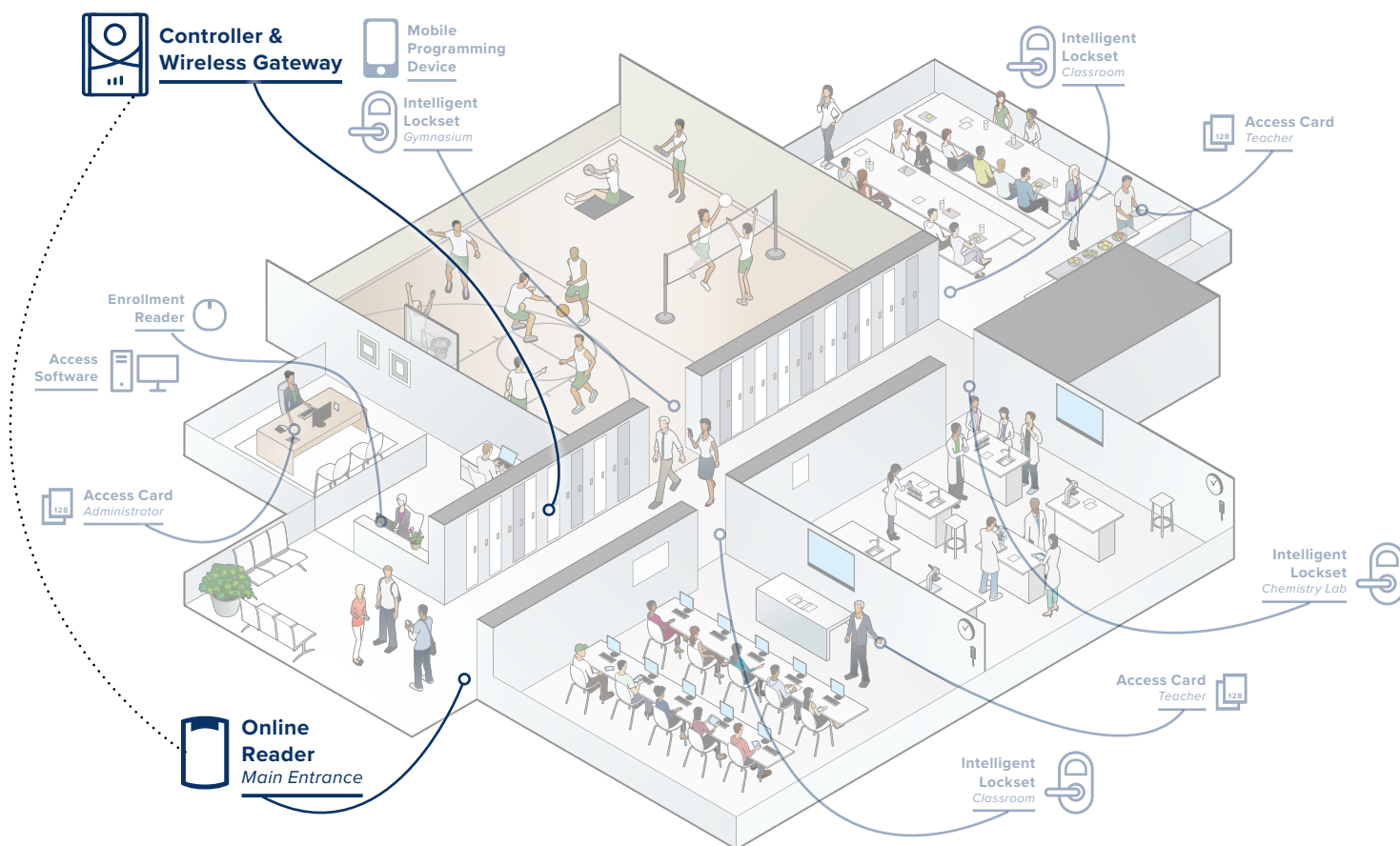


NoxIQ™ is the most secure card in the industry. The encrypted Mifare DESFire EV2 smart card has a database of the doors it can access & uses a challenge-response communication with each lockset. NoxIQ™ cards upload transactions off each **offline** lockset they visit. Using the enrollment reader, new or updated NoxIQ™ cards download changes made in the software, onto each **offline** lockset they visit (similar to a hotel). Proxess Sync™ is a simplified mobile programming App. The App connects to the software anywhere in the country using either the customer's WiFi or their cell service. Any authorized user can walk to the locks and click "Synch" and the App will make the changes. The Proxess Sync™ App downloads transactions off each lockset they visit. The Proxess Sync™ App uploads changes made in the software, onto each **offline** lockset they visit.



ONLINE DOOR CONTROLLER

Refresh card rights ▪ Update lockset rights ▪ Upload lockset events

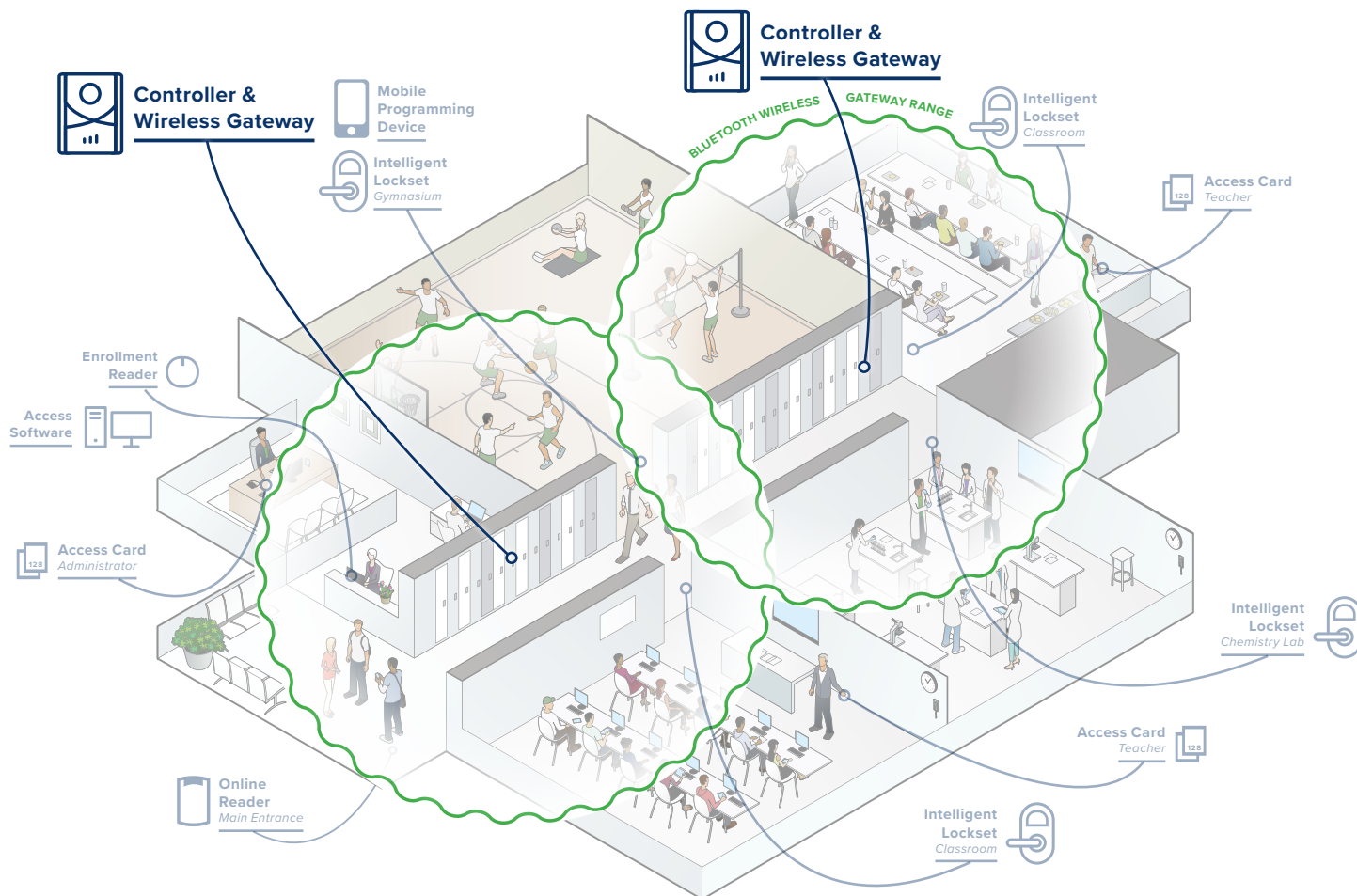


BoxIQ™ door controllers control 2 doors and connect to the customer's network with a PoE or PoE+ cable, or WiFi. These **online** doors download transactions off the cards from the locksets they visited. These doors upload changes made in the software, onto the card, for the **offline** locksets they will visit. Cards can be set to auto-expire each night. Entering an **online** door re-validates the card for all the **offline** locksets visited that day.



CONTROLLER AS WIRELESS GATEWAY

Software Lockdown ▪ Open a lockset door ▪ Upload lockset events

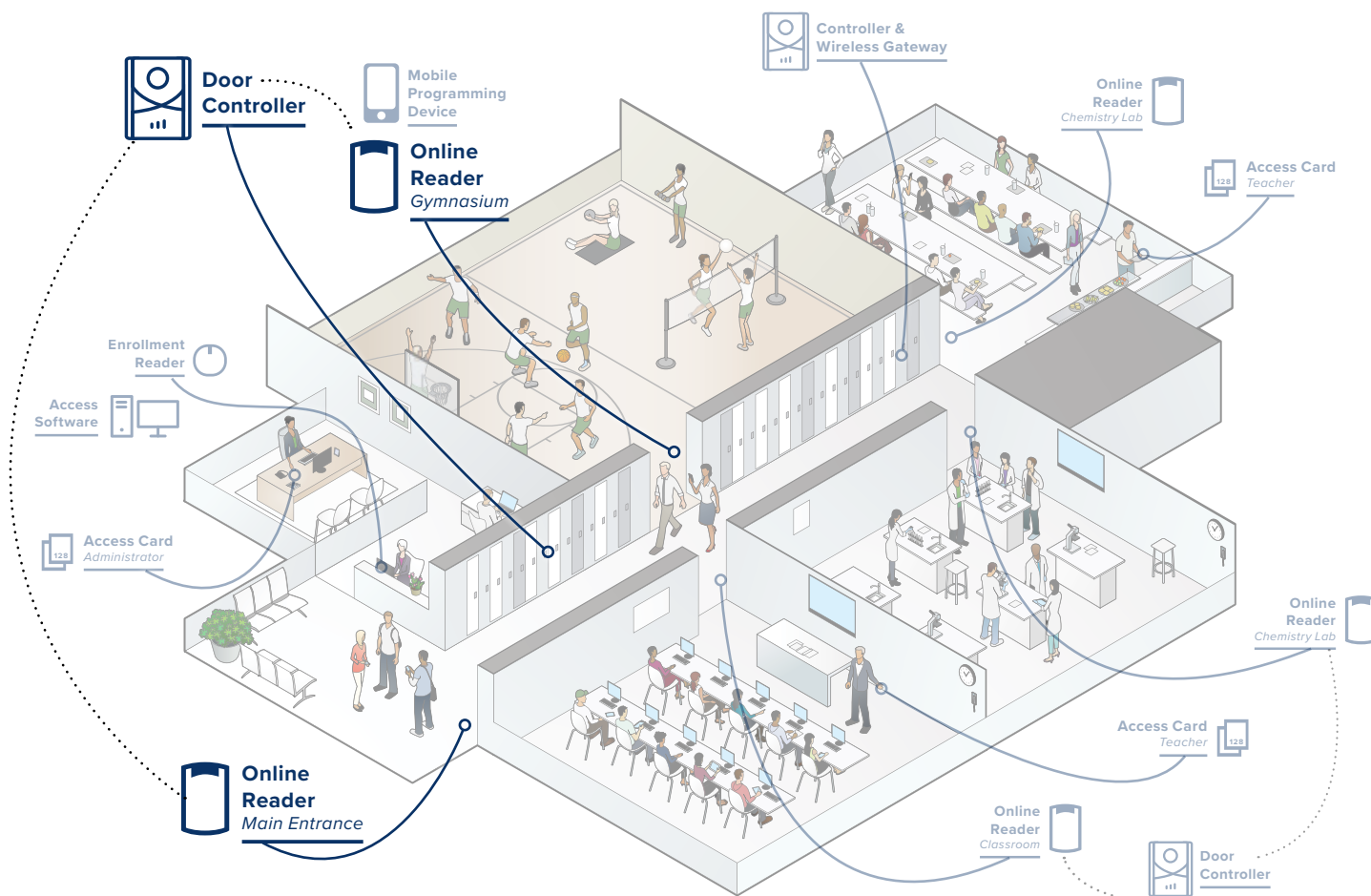


BoxIQ™ is also a Bluetooth Gateway & connects to the customer's network with a PoE or PoE+ cable, or using their WiFi network. Add Gateways anywhere on the property, where on-demand performance is desired for specific locksets. They communicate to the locksets via BLE (Bluetooth Low Energy). Each LoxIQ™ is registered to a gateway.



ONLINE CONTROLLERS FOR ALL DOORS

Real-time, online communication with all doors



BoxIQ™ door controllers control 2 doors and connect to the customer's network with a **PoE** or **PoE+ cable, or WiFi**. These doors are always **online**. The card readers are connected via 2-wire RS-485, using bi-directional communication, for greater security and integration.