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Process for installing Planex xLocker2 with Gallagher access control

The Gallagher access control system with a centralized reader can be used to provide a hard-wired locking solution for the Planex xLocker2 range when installed as described below.

Planex scope of works

- Preparation of the shop drawings with the position of the reader clearly noted as per the requirement of the architect/ specifier. This need to be signed off by the builder. A copy of this is also sent to the Gallagher channel partner. Lockers will be numberer as per standard Planex practice stating from the left most carcass, from top to bottom and across to the next carcass.
- The position of the reader will determine the location of 240V supply power for the Gallagher control system. This usually means that one locker is sacrificed to house the control equipment and the reader unless the reader is fitted to an end panel or a nib wall. A cut-out will be provided for the fitting of the reader in the locker door or the end-panel.
- If the control gear and reader is fitted to a sacrificed locker, this will be fitted with a standard Planex key lock to prevent access to the Gallagher equipment. 2 keys will be provided.
- The locker bank can have power supplied from the top or through the base. This is to be confirmed by the builder/ channel partner and marked up on the shop drawing. The reticulation and lengths of the control cables from the individual lockers will be determined from the chosen position of the reader.
- Planex will deliver lockers to site and assemble. When delivered the lockers are fitted with the Lowe and Fletcher L&F 3793 electronic latch specified by Gallagher mounted to the carcase **(figure 1)** and the door striker or keeper mounted to the door **(figure 2)**. The required length of cable is coiled on the outside of the locker carcase with one end threaded into the locker body and tied in a knot to prevent it from falling back into the cavity between the lockers when the lockers are assembled.
- Planex will level the lockers during the build.
- Planex will align the doors (subject to final requirement after commissioning) during the build.
- Before being powered up, the locks can be manually opened using the override key. As there is one spring hinge fitted the doors will remain partially opened until the lock is energized and the door can be shut and locked. The striker has some minor play to allow for minor misalignment between the door and the carcase **(figure 2)**. Once the door is aligned correctly the key hole for the override key is covered by the number disk **(figure 3)**.
- As the locker build progresses, Planex will uncoiled the control cable and reticulate it to where the Gallagher control equipment will be (e.g., the sacrificed locker where reader will be fitted by the Gallagher channel partner). The cables will be tagged with the locker number as per the shop drawing.

Once the locker build is complete the Gallagher channel partner can complete the installation by:

- Connecting the locks wires to the cables as per Gallagher practice. Excess wiring may be pushed into the cavity between the lockers
- Connecting the control system as per Gallagher practice
- Commissioning the system as per Gallagher practice

Excluded from the Planex scope of works

- **All** electrical works including:
- supply fitting GPO
- running power to the control locker or end-panel
- connecting lock wires to control wiring
- fitting and connecting reader, associated wiring, power supplies
- lock commissioning, programming

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figure 1

figure 2

figure 3