

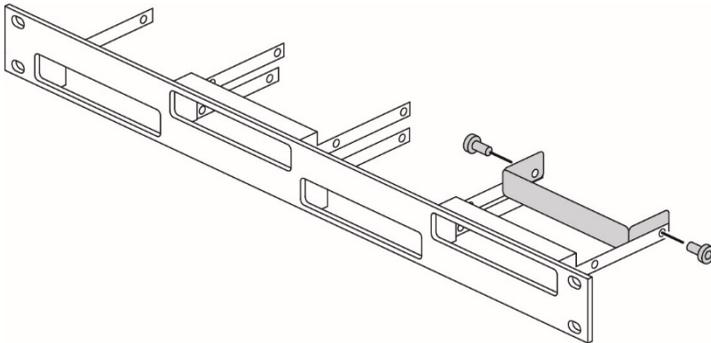


## Entrust nShield® Card Reader Rackmount

You can use the Card Reader Rackmount to arrange up to four nShield smart card readers, supplied with your nShield PCI and PCIe modules, in a 19" rack. To use the Rackmount:

1. Using the supplied hex key (Allen key), remove the blanking plates that are fitted to the back of the Rackmount, Figure 1, and retain the screws and blanking plates.

**Figure 1. Removing the blanking plates**



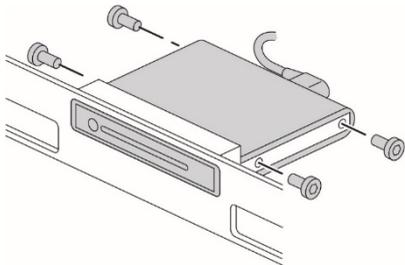
2. Prepare the nShield smart card readers that you intend to fit in the Rackmount:
  - a. Slide the readers out of their stands, if fitted.
  - b. Position the readers in the rack space where you intend to fit the Rackmount.

**Note:** Be careful when repositioning a smart card reader that is currently in use and has a standard (non-persistent) smart card inserted. If you remove the smart card or disconnect the reader from the PCI or PCIe module, the keys protected by this card are removed from the memory of the module. For more information about using non-persistent card sets, see the *nShield User Guide*.

The M4 stud on the rear of the Rackmount is a functional earthing terminal for EMC purposes. Do not connect protective earth bond conductors to this terminal.

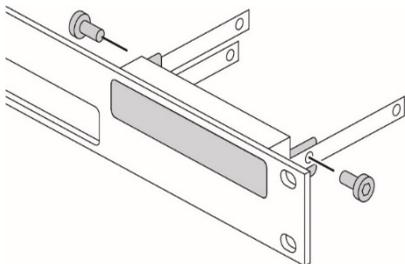
3. Fit your nShield smart card readers in the Rackmount slots. For each reader, remove the four screws from its sides (two on each side) and reinsert them through the Rackmount slot holes to secure the reader in place, Figure 2.

**Figure 2. Fitting the smart card readers**



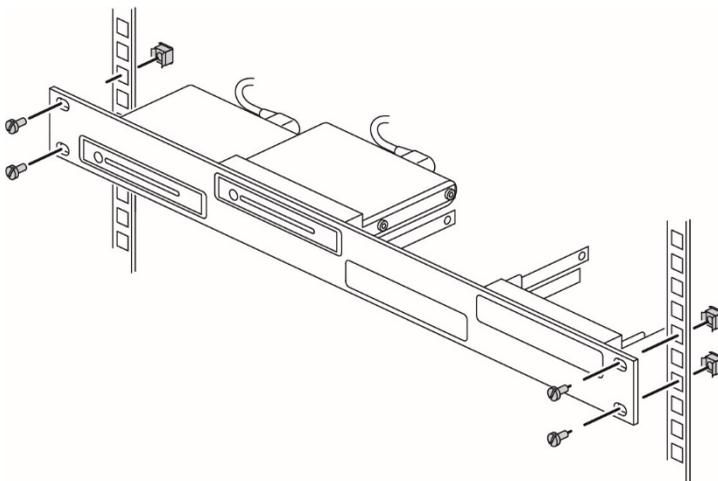
4. Fit the blanking plates to the remaining Rackmount slots, Figure 3.

**Figure 3. Fitting the blanking plates**



5. Fit the Rackmount to the 19" rack using the supplied M6 screws and cagenuts (if required), Figure 4.

**Figure 4. Fitting the Rackmount into the rack**



6. If required, use the supplied hook and loop strips to secure the smart card readers' cables to the rack.