Security Classification Explained:

BS EN 50133- part 1

The security of an access control system is based on the recognition classification and the access classification.

**Recognition classification** relates to the process of identifying users, and **access classification** relates to whether the access is time controlled and logged.

The four recognition classes are:

**Recognition class 0 — No positive recognition:**
Based on a simple access request without user identity (push button, contact, motion detector). Applicable to doors with Paxton exit buttons.

**Recognition class 1 — Memorized information:**
Based on pass-words, personal information numbers, etc. Applicable to Paxton Keypads on Compact, Switch2 and Net2 systems.

**Recognition class 2 — Token or biometric:**
Based on the use of tokens, cards, inserts, fingerprints, etc. Applicable to Paxton Proximity Readers on Compact, Switch2 and Net2 systems.

**Recognition class 3 — Token or biometric and memorized information:** Based on the combined use of a token or biometric and memorized information. A combination of token and biometric shall also be considered as recognition class 3. Applicable to Paxton Keypad Proximity (KP) readers on Switch2 and Net2.

The two access classifications are:

**Access class A:** The class refers to an access point used where the degree of security to be provided requires neither a time grid nor the logging of access transactions. Applicable to Paxton standalone systems such as Compact and Switch2.

**Access class B:** The class refers to an access point which includes time grids and logging functions. It includes a sub-classification Ba which relates to an access point which includes time grids, without logging functions. Applicable to the Paxton PC based networked system; Net2.

The security classification can be defined for each access point for entry and exit individually or for the entire system. The security classification is an independent combination of the recognition classes and the access classes (e.g. 1A, 1B, 2A, 2B and 3A and 3B)

Here are four examples of security classification on Paxton Systems:

1. Switch2 system with KP keypads has security classification 3A.
2. Compact system with proximity readers has security classification 2A.
3. Net2 systems with K series keypads have security classification 1B.
4. Net2 systems with KP keypads have security classification 3B.