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DECLARATION OF SIMILARITY

28th Feb 2017

RE: Declaration of Similarity
FCC ID: QABS700PXV1-00

To Whom It May Concern:

Please be advised that the variants RDR/700/XXX, RDR/701/XXX, RDR/702/XXX are electronically identical and all RF measurements and test results are the same. The product code refers to whether the reader is configured as a host or exit. All three versions are built to one identical hardware and firmware build.

Variant RDR/XXX/001 is identical in both hardware and firmware to RDR/XXX/004 but is only marketed for use only with Prox card formats.

Variants RDR/XXX/003 and RDR/XXX/004 are electronically similar, but component U9 is not fitted on RDR/XXX/004. This component is the iCLASS SE Processor which contains the HID reader capabilities programmed onto a 32-Bit smartcard microcontroller. This is used for communicating with HID iCLASS card technology. The unit that was tested is an RDR/XXX/003 build and is running firmware to exercise all card technologies. Other than component U9 both variants are electronically identical and all RF measurements and test results are the same. Both versions use the same firmware build.

When a unit is connected to an AC2000 system it automatically downloads the card definitions for that system. This is the point when the card format to be used is set in the unit.

The physical enclosure for each unit is identical, there are no identifying features on the case to identify different variants. Identification is achieved through two methods. First each unit has an adhesive label adhered to it which includes the product code along with the FCC ID. Alternatively this product code can be retrieved through the menu system, if the unit is powered on.

International Trade Controls and Restrictions

Thank you for your attention to this matter.

Yours faithfully

Controlled Electronic Management Systems Limited

Ian Schofield   (Hardware Manager)