

26<sup>th</sup> February 2008

Dr S Murdoch

University of Cambridge Computer Laboratory William Gates Building 15 JJ Thomson Avenue Cambridge CB3 0FD

## Dear Dr Murdoch

Thank you for your series of questions and, previously, for giving us visibility to the paper which you and your colleagues have submitted for publication.

We value work which brings to our attention information that we are not yet aware of with regards to security and related topics. In this case, however, we do not believe from the information we have seen that there is anything regarding the security of PED devices in your paper which we did not know. Also we are somewhat surprised that you appear to have sought publicity for the article with the BBC before you had even completed the consultation process and deadline as advised to us by you.

The primary problem we still have with your claims is that it is not clear what is the work factor involved in the attacks which you have carried out. We understand the fact that such detail has not been provided in the paper to be published (and thus made public) but we are somewhat unclear as to the claims by the BBC that, for example, such attacks are 'easily' carried out.

We would welcome more detail as to what is required to successfully carry out the stated attacks on the said devices.

With regards to the questions which you have posed to us and also to APACS, Verifone and Ingenico, we have had visibility of the responses the other parties are providing to you and, at present, have no further comment to make.

Yours sincerely

B Dunn Senior Vice President Fraud Management