

to produce evidence of the trail of communications between the various items of software associated with the transactions in dispute. The learned county court judge rejected this. However, the position has changed, and where the customer does not accept they authorized the transaction, article 59(2) of the Payment Services Directive (regulation 60 of the PSR) provides that the use of a payment instrument (that is, the card issued to the customer by the bank) is not in itself necessarily sufficient proof either that: (i) the transaction was authorized by the customer, or (ii) that the customer acted fraudulently, or (iii) the customer failed with intent or gross negligence to fulfil one or more of his obligations under Article 56.

Regulation 60 of the Payment Services Regulations now provides that it is for the bank to provide a complete chain of evidence to prove their case: beginning with the records of the ATM, any communications systems used between the ATM and the bank back-end systems, and the processing of the data in the bank's systems.⁶ So much the better; but the introduction of these more detailed requirements will still not be sufficient to protect the customers of the banks, however, if the general rule continues to be applied that machines may be assumed to work correctly. Such a rule effectively negates the requirement for evidence that systems are in fact working correctly, thereby ignoring the vulnerability of commercial software.

1.3. The card

One problem relating to the nature of the evidence is the card issued to the customer by the bank. The customer is almost always told by an employee or agent of the bank to destroy the card when the customer has cause to make a complaint. The card includes an Application Transaction Counter ('ATC'). The ATC is increased by one each time a transaction takes place. A test of the card will help to determine whether the ATC has been increased, and the test can enable a comparison of the transactions recorded on the customer's statements to establish whether there are any discrepancies. This is important evidence, and can help demonstrate whether the customer is telling the truth when they assert that they were not responsible for the disputed transaction. As a direct result of the bank telling the customer to destroy their card, the bank deliberately requests the destruction of evidence, knowing that legal proceedings may be taken by the customer to recover the money. For this reason, a bank can be held in contempt of court where such advice is given and acted upon. That banks issue such instructions to the customer is of utmost concern, because many customers destroy their cards when given such instructions by their bank, only to learn much later that the information on the card could have demonstrated that they were telling the truth.

⁶ This is in line with the list of evidence set out by the Supreme Court of Lithuania in the case of *Ž.Š. v Lietuvos taupomasis bankas*, Civil case No. 3K-3-390/2002, Supreme Court of Lithuania, translated by Sergejs Trofimovs, *Digital Evidence and Electronic Signature Law Review* 6 (2009), 255–262.

2. The reporting regime

Since April 2007 (Home Office Counting Rules for Recorded Crime, Fraud and Forgery), consumers have been compelled to report fraud to their bank, and not to the police. If the bank determines that the customer was responsible for the withdrawal (or somebody authorized by them, or they were negligent), then the bank will not reimburse the customer. The customer can then complain to the police, but all the police will invariably do is give the customer a crime report number, and refuse to take any further action.

The reasons why the police do not tend to take action seem to be: (i) the high number of cases reported, (ii) the time, expense and expertise necessary to follow up such a complaint, and (iii) the apparently low importance attached to such crimes.

3. The reaction of the banks to the customer

When a customer complains to a bank about unauthorized withdrawals, some banks act with commendable speed and within the law. The legal position is set out by regulation 61 of the PSR, that is (subject to regulations 59 and 60) the bank must immediately refund the amount of the unauthorized payment transaction to the customer, and where applicable, restore the account to the state it would have been in had the unauthorized payment transaction not taken place. Unfortunately, there are a number of banks which do not comply with this requirement, and undertake what they call an 'investigation', only to inform the customer that as far as the bank is concerned, the withdrawal was carried out by the customer. The customer then in practice has to gather evidence to prove they were not responsible for the transaction.

4. Financial Ombudsman Service

It appears from the evidence that we have seen of how complaints are adjudicated by the Financial Ombudsman Service by people that have had money stolen from their accounts, that employees working for this authority have no understanding of the technical issues relating to digital evidence, nor do they appear to understand that it is for the bank to prove it did not let a thief steal its customer's money. Even when evidence from witnesses is put forward by the customer to demonstrate that they were not in the vicinity of an ATM when money was withdrawn, adjudicators at the Financial Ombudsman Service continue to accept the evidence provided by the bank. Often the bank will merely assert that because they claim the chip was read, it therefore follows that the customer was responsible for taking the money. It seems that adjudicators at the Financial Ombudsman Service tend to agree with the banks. The Service does not obtain evidence from the bank about the transaction in question to enable the customer to submit it to an appropriate expert for evaluation. It provides an inadequate protection for bank customers with disputed transactions.

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