People will be able to take pictures of cheques on their smartphones and send them to their bank to receive the money early, under a Treasury plan announced today.

The idea could give individuals and businesses access to payments by cheque in two days instead of six days as at present. It could also safeguard the long-term future of the cheque in the age of internet banking.

Legislation allowing banks to process images rather than paper is one option being considered by the Treasury. The technology is already widely used in the US and Barclays Bank plans to experiment with mobile cheque depositing in the UK in the new year. The change could take effect by next Christmas.

Customers without smartphones would be able to use similar technology at cashpoints or bank branches or continue to pay in paper cheques if they wished.

“Cheque imaging” does not require a hard copy of the cheque at every stage of the paying-in process. Saving the time spent transferring paper copies between different banks and central clearing depots means it also cuts costs.

Cheques with a value of almost £840bn were processed in the UK in 2012 – 10 per cent of all payments by individuals.

Some 23 million cheques were used as gifts because they are still the most trusted method of sending money through the post. Businesses accounted for more than 370 million cheque transactions and a quarter of payments made by small businesses were by cheque.