

GATHERING RANDOMNESS IN A WIRELESS SMART CARD READER

ABSTRACT

- 5 A device coupled to a smart card reader (102) may request random data from a smart card (112) inserted into the smart card reader, and the smart card reader may incorporate the random data into its randomness pool. A device having a source of random data may have a driver installed thereon for another device and the driver may extract random data from the source and transmit it securely over a wireless communication link to the other device.
- 10 The other device, which may be a smart card reader, may incorporate the extracted random data into its randomness pool. A smart card reader may incorporate traffic received from a smart card inserted therein into its randomness pool.

(Fig. 1)