

**Sell procedure executed by the ASD computer upon customer "sell" request:**

1. start transaction with customer // display output
2. wait for customer to insert printed certificate into scanner
3. scan printed certificate // printer-scanner input
4. get payment details // card reader and/or keypad  
input  
(bank account number, PIN, etc.)
5. start transaction with ASD host // network output
6. send certificate scan, payment details to ASD host // network output
7. receive reply from ASD host // network input
8. if ASD host's reply indicates certificate is valid  
and payment has been made  
inform customer that the sale has succeeded // display output  
print VOID on certificate and store locally // printer-scanner output
9. if ASD host's reply indicates certificate is invalid  
inform customer that certificate is invalid // display output  
return certificate to customer // printer-scanner output
10. print transaction status on local printer
11. end transaction with ASD host // network output
12. end transaction with customer // display output

**Figure 17**