WHAT IS CLAIMED IS:

1. A method comprising:

receiving, by an integrated circuit chip card, a signal from an external device indicative of a communication mode used by the external device;

determining, by the integrated circuit chip card, based on the signal from the external device, that the communication mode is a socket communication mode;

receiving, by the integrated circuit chip card in the socket communication mode, data from the external device;

determining, by the integrated circuit chip card in the socket communication mode, a number of bytes of the data;

determining, by the integrated circuit chip card in the socket communication mode, the data is card data solely based on the number of bytes of the data;

in response to determining that the data is card data, processing the card data to determine response data; and

transmitting, by the integrated circuit chip card in the socket communication mode, the response data to the external device.

2. The method of claim 1, where the data is management data when the number of bytes is one byte, and wherein the data is card data when the number of bytes is two bytes.

3. The method of claim 2, wherein the management data is personalization data, and wherein the card data is APDU data.

4. The method of claim 1, further comprising:

configuring a network interface of the integrated circuit chip card in the socket communication mode to establish a plurality of communication channels between the integrated circuit chip card and the external device using a physical port of the integrated circuit chip card and a plurality of logical ports of the integrated circuit chip card.

5. The method of claim 4, wherein configuring the network interface of the integrated circuit chip card in the socket communication mode to establish the plurality of communication channels includes:

establishing a first communication channel between the external device and a first application of a plurality of applications installed on the integrated circuit chip card, the first communication channel including the physical port and a first logical port of the plurality of logical ports; and

establishing a second communication channel between the external device and a second application of the plurality of applications installed on the integrated circuit chip card, the second communication channel including the physical port and a second logical port of the plurality of logical ports.

6. The method of claim 5, wherein the data from the external device is received at the first logical port.

7. The method of claim 5, wherein establishing the first communication channel includes:

mapping the first logical port of the plurality of logical ports to the first application of the plurality of applications; and

configuring the first communication channel to use a first data interchange protocol, and

wherein establishing the second communication channel includes:

mapping the second logical port of the plurality of logical ports to the second application of the plurality of applications; and

configuring the second communication channel to use a second data interchange protocol that is different than the first data interchange protocol, wherein the first communication channel and the second communication channel both use the same physical port.

8. The method of claim 7, wherein the processing the card data to determine the response data is performed by the first application of the plurality of

applications, and wherein the response data is transmitted to the external device via the first logical port and using the first data interchange protocol.

9. The method of claim 8, further comprising:

before the transmitting the response data, selecting the first data interchange protocol of the first communication channel.

10. The method of claim 8, wherein the first data interchange protocol is TCP/IP and the second data interchange protocol is JSON or XML.

11. The method of claim 7, further comprising:

receiving, by the integrated circuit chip card through a socket communication, from the external device, selections of the first application of the plurality of applications installed on the integrated circuit chip card, the first data interchange protocol, the second application of the plurality of applications installed on the integrated circuit chip card, and the second data interchange protocol.

12. The method of claim 7, further comprising:

switching back-and-forth between the first communication channel and the second communication channel, wherein the first application operates in parallel with the second application.

13. The method of claim 5, wherein the signal is received during an interaction between the integrated circuit chip card and the external device, wherein the first communication channel and the second communication channel are established temporarily for the interaction between the integrated circuit chip card and the external device, and wherein each of the plurality of logical ports can be dynamically mapped to any of the plurality of applications.

14. The method of claim 5, wherein the plurality of applications is a first plurality of applications, a second plurality of applications is installed on the external device, and wherein the first communication channel is between the first application of the first plurality of applications installed on the integrated circuit chip card and a corresponding third application of the second plurality of applications installed on the

external device, and wherein the second communication channel is between the second application of the first plurality of applications installed on the integrated circuit chip card and a corresponding fourth application of the second plurality of applications installed on the external device.

15. The method of claim 14, wherein the first application is a transit application, the corresponding third application is a transit verification application, the second application is an identification application, and the corresponding fourth application is an identification verification application.

16. The method of claim 14, wherein the first application of the first plurality of applications installed on the integrated circuit chip card is written in a first programming language, and the corresponding third application of the second plurality of applications installed on the external device is written in a second programming language that is different than the first programming language.

17. The method of claim 1, further comprising:

determining, based on the signal from the external device, that the external device uses a first data interchange protocol and a second data interchange protocol.

18. The method of claim 1, wherein the signal is implemented as a tag field in a header of a data packet.

19. The method of claim 1, wherein the external device is one of a card reader, a point-of-sale terminal, a computer, or a mobile device, and wherein the integrated circuit chip card is ISO 7816 or ISO 14443 compliant.

20. An integrated circuit chip card comprising:

a processor; and

a memory comprising code, executable by the processor, for implementing a method according to any one of claims 1-19.