WHAT IS CLAIMED IS:

1. A method conducted using a mobile device, the method comprising:

maintaining a plurality of software modules, each software module of the plurality of software modules being built and executed on a distinct software package, the plurality of software modules being executed independently of one another;

receiving first interaction initiation data corresponding to a first transaction;

in response to receiving the first interaction initiation data, selecting via an application interface, a first subset of the plurality of software modules to execute the first transaction;

receiving second interaction initiation data corresponding to a second transaction; and

in response to receiving the second interaction initiation data, selecting via the application interface, a second subset of the plurality of software modules to execute the second transaction, wherein the first subset of the plurality of software modules is different than the second subset of the plurality of software modules.

2. The method of claim 1, wherein a first software module is executed on a first software package and a second software module is executed on a second software package, the first software package being different from the second software package.

3. The method of claim 1, further comprising:

executing via the application interface, the first transaction, wherein the executing further comprises:

selecting, by the application interface, a first software module from the first subset of the plurality of software modules;

obtaining by the application interface, a first output from the first software module; and

transmitting, via the application interface, the first output to a second software module included in the first subset of the plurality of software modules.

4. The method of claim 1, wherein the first interaction initiation data is a first identifier associated with the first transaction and the second interaction initiation data is

a second identifier associated with the second transaction, a first number of software modules included in the first subset being determined based at least in part on the first identifier, and a second number of software modules included in the second subset being determined based at least in part on the second identifier.

5. The method of claim 1, wherein the plurality of software modules are embedded in an application installed on the mobile device.

6. The method of claim 5, wherein the mobile device is a mobile phone.

7. The method of claim 1, wherein the plurality of software modules are embedded in an operating system of the mobile device, and invoked by an application installed on the mobile device.

8. The method of claim 1, wherein the plurality of software modules are embedded in hardware of the mobile device, and invoked by an application installed on the mobile device via an operating system of the mobile device.

9. The method of claim 1, wherein the plurality of software modules are deployed on a backend server, and accessed via an access interface associated with an application installed on the mobile device.

10. A mobile device comprising:

a processor; and

a non-transitory computer readable medium coupled to the processor, the non-transitory computer readable medium comprising code, executable by the processor, for implementing a method comprising

maintaining a plurality of software modules embedded in an application installed on the mobile device, each software module of the plurality of software modules being built and executed on a distinct software package, the plurality of software modules being executed independently of one another;

receiving a first trigger signal from a first user device, the first trigger signal being indicative of a first transaction to be performed by the mobile device;

responsive to receiving the first trigger signal, selecting via an application interface, a first subset of the plurality of software modules to execute the first transaction;

receiving a second trigger signal from a second user device, the second trigger signal being indicative of a second transaction to be performed by the mobile device; and

responsive to receiving the second trigger signal, selecting via the application interface, a second subset of the plurality of software modules to execute the second transaction.

11. The mobile device of claim 10, wherein a first software module is executed on a first software package and a second software module is executed on a second software package, the first software package corresponding to a first executable file and the second software package corresponding to a second executable file, the first executable file being different from the second executable file.

12. The mobile device of claim 10, wherein the first trigger signal is received from the first user device in response to the first user device being detected within a predetermined distance with respect to the mobile device.

13. The mobile device of claim 10, wherein the first user device is different than the second user device.

14. The mobile device of claim 13, wherein the first user device is associated with a first processing computer, and the second user device is associated with a second processing computer, the first processing computer being different from the second processing computer.

15. The mobile device of claim 14, wherein each of the first user device and the second user device is a card.

16. The mobile device of claim 10, wherein the application installed on the mobile device is a contactless application.

17. The mobile device of claim 10, wherein a first number of software modules included in the first subset is determined based at least in part on the first user device, and a second number of software modules included in the second subset is determined based at least in part on the second user device, the first number of software modules being different than the second number of software modules.

18. The mobile device of claim 10, wherein the non-transitory computer readable medium comprising code, executable by the processor, for implementing the method further comprising:

updating the plurality of software modules embedded in the application by adding a new software module to the plurality of software modules without reconfiguring other software modules included in the plurality of software modules.