

State Buttons

Ethernet Frame

Destination MAC(xxxxx:xxxx:xxxx:xx)

Source MAC(xxxxx:xxxx:xxxx:xx)

Type(Hex xxxx)

Datagram

Version(Hex x)

ServiceType(Hex xx)

TimeToLive(Decimal 0<x<255)

Protocol(Hex xx)

SourceIP(xxx.xxx.xxx.xxx)

DestIP(xxx.xxx.xxx.xxx)

Option(Hex)(Empty = No option)

Data from TL(Hex xxxxxxxx....)

String at current State:

Transmit and Transform

State Buttons

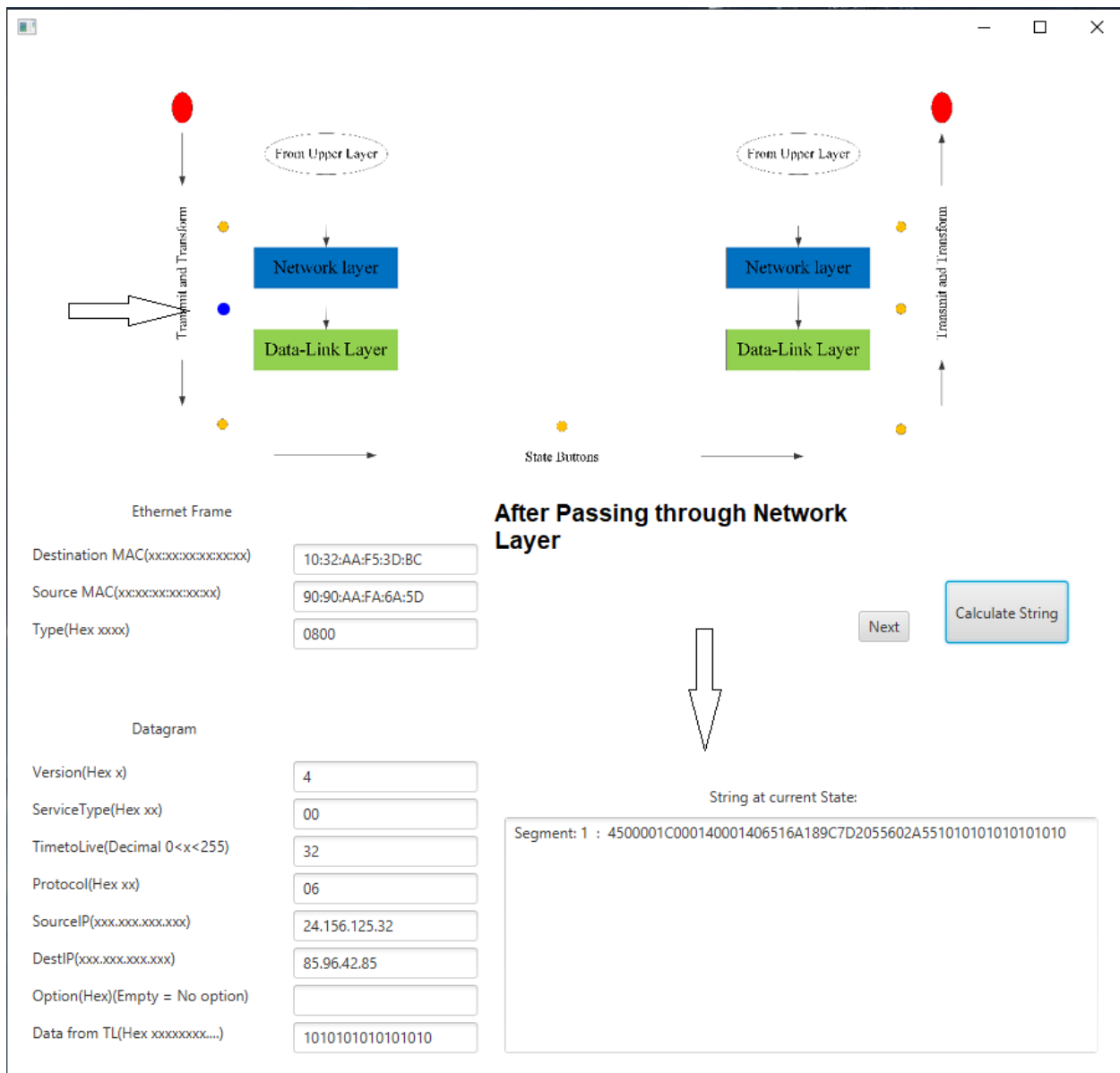
Transmit and Transform

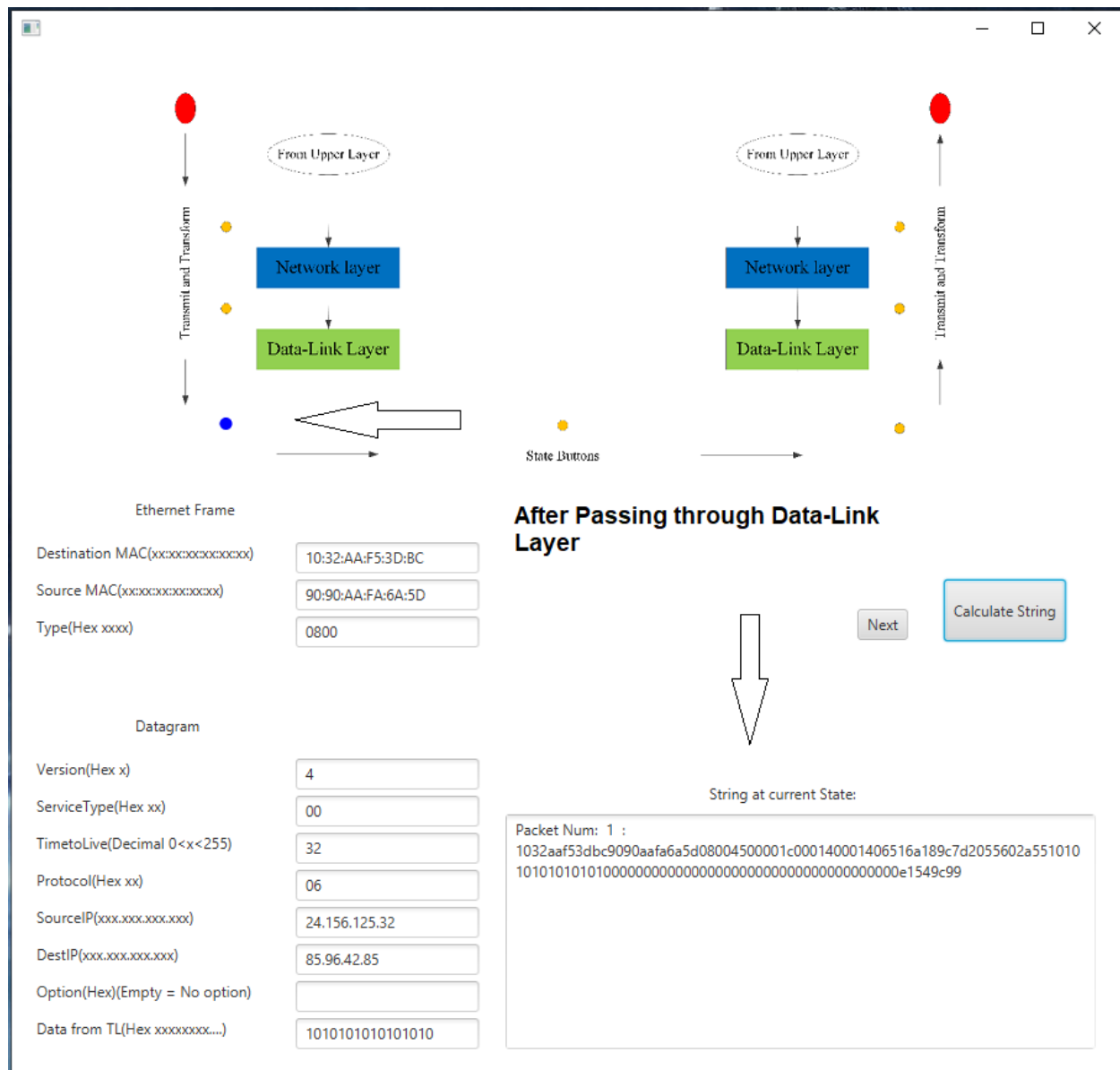
Ethernet Frame

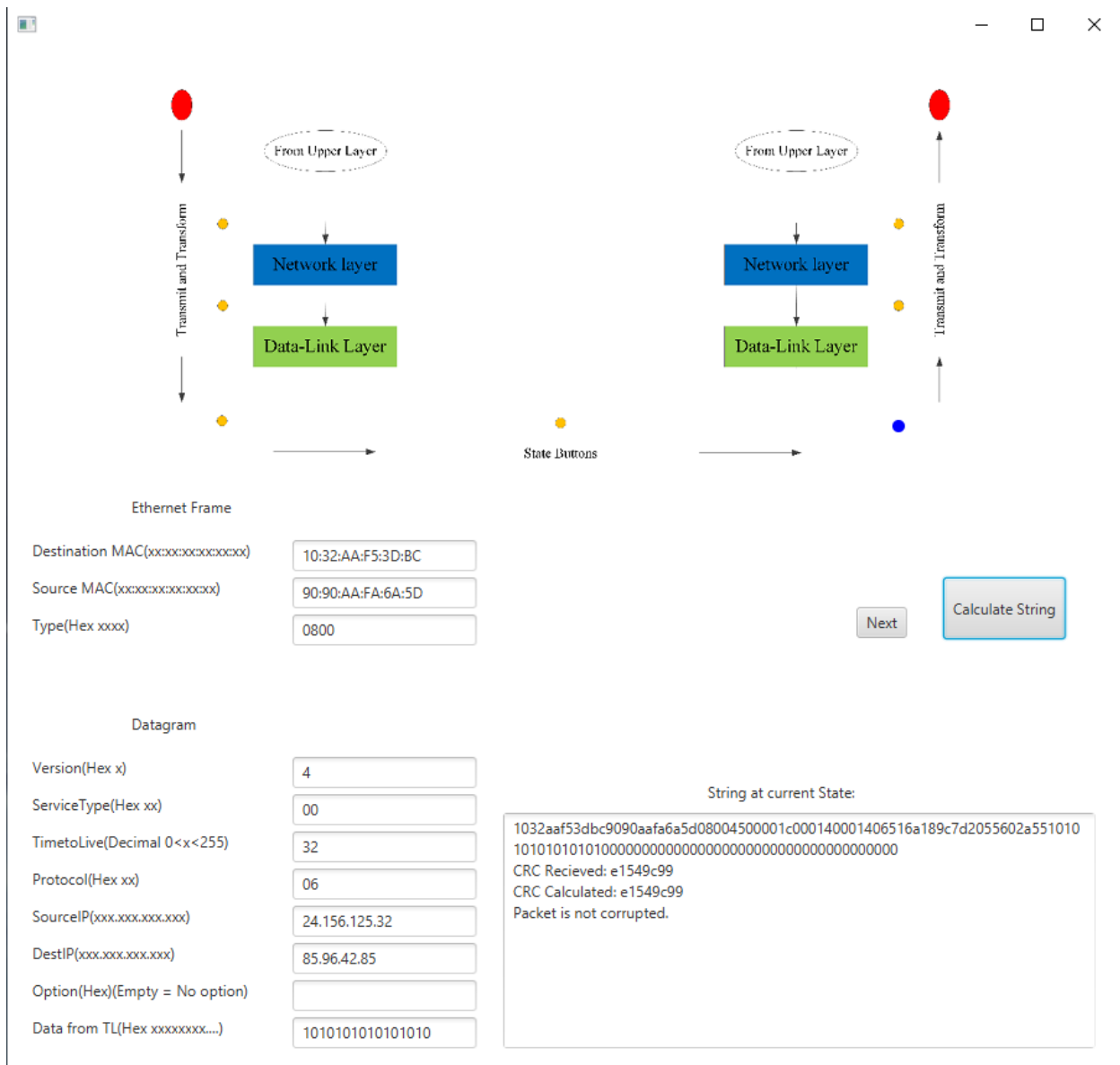
Destination MAC (xx:xx:xx:xx:xx:xx)	<input type="text" value="10:32:AA:F5:3D:BC"/>		
Source MAC (xx:xx:xx:xx:xx:xx)	<input type="text" value="90:90:AA:FA:6A:5D"/>		
Type (Hex xxxx)	<input type="text" value="0800"/>	⇐ IPV4	<input type="button" value="Next"/> <input type="button" value="Calculate String"/>

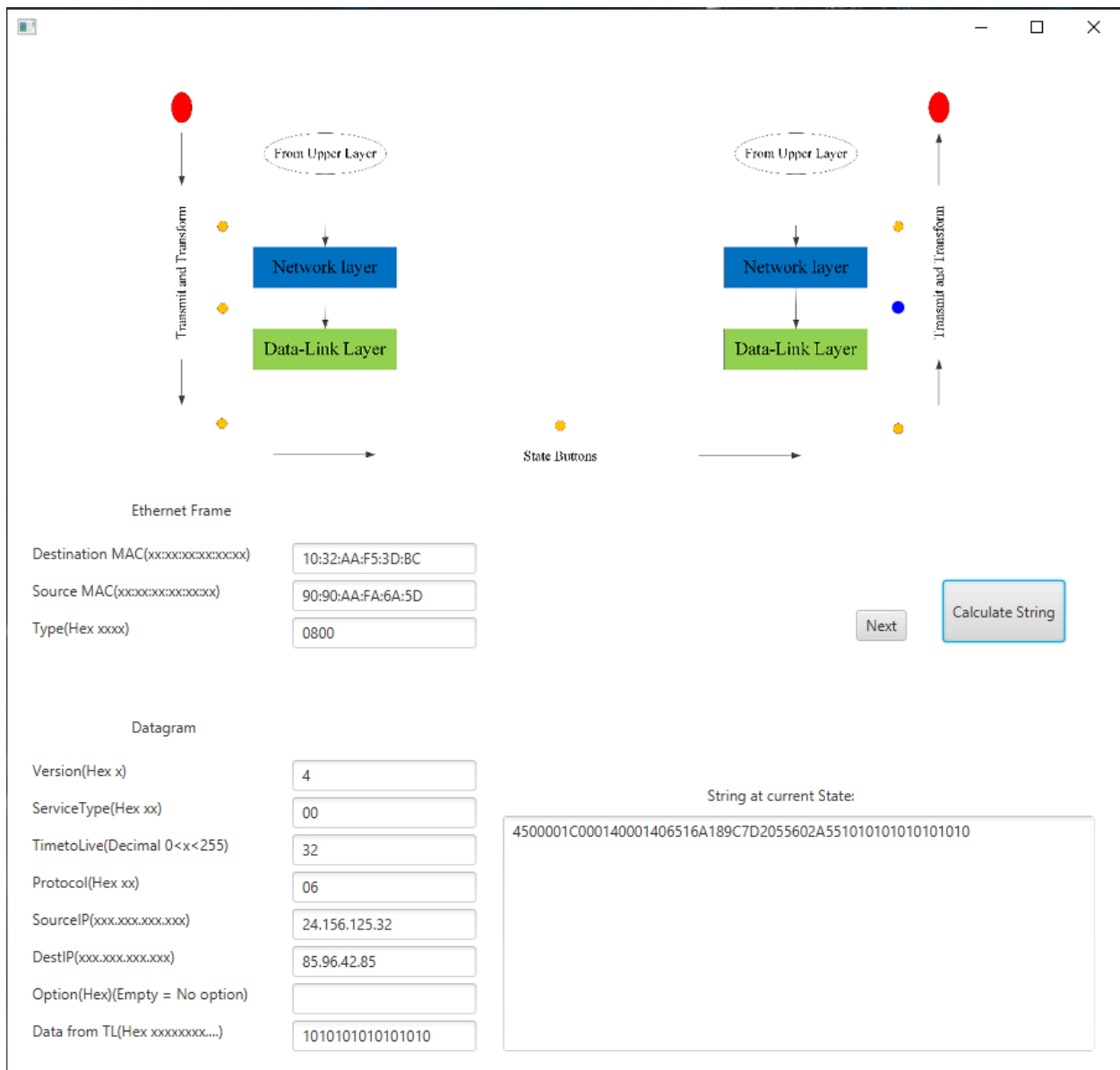
Datagram

Version (Hex x)	<input type="text" value="4"/>	<p style="text-align: center;">String at current State:</p> <div style="border: 1px solid #ccc; height: 150px; margin: 5px 0;"> 1010101010101010 </div> <p style="margin-top: 10px;">Data From Upper Layer</p>	
ServiceType (Hex xx)	<input type="text" value="00"/>		
TimeToLive (Decimal 0 < x < 255)	<input type="text" value="32"/>		
Protocol (Hex xx)	<input type="text" value="06"/>		
SourceIP (xxx.xxx.xxx.xxx)	<input type="text" value="24.156.125.32"/>		
DestIP (xxx.xxx.xxx.xxx)	<input type="text" value="85.96.42.85"/>		
Option (Hex) (Empty = No option)	<input type="text"/>		
Data from TL (Hex xxxxxxxx....)	<input type="text" value="1010101010101010"/>		⇐









From Upper Layer

Network layer

Data-Link Layer

Transmit and Transform

State Buttons

From Upper Layer

Network layer

Data-Link Layer

Transmit and Transform

Ethernet Frame

Destination MAC(xxxxxxxxxxxxxx)

10:32:AA:F5:3D:BC

Source MAC(xxxxxxxxxxxxxx)

90:90:AA:FA:6A:5D

Type(Hex xxxx)

0800

Next

Calculate String

Datagram

Version(Hex x)

4

ServiceType(Hex xx)

00

TimeToLive(Decimal 0<x<255)

32

Protocol(Hex xx)

06

SourceIP(xxx.xxx.xxx.xxx)

24.156.125.32

DestIP(xxx.xxx.xxx.xxx)

85.96.42.85

Option(Hex)(Empty = No option)

Data from TL(Hex xxxxxxxx....)

1010101010101010

String at current State:

1010101010101010