What is Claimed is:

1. A method for 5G media streaming (5GMS) performed by at least one processor, the method comprising:

transmitting, by a 5GMS uplink (5GMSu) application provider (AP), a request to create a provisioning session for 5GMSu streaming using a 5GMS system (1202);

receiving, by the 5GMSu AP, an acknowledgement corresponding to the provisioning session (1204); and

performing, by the 5GMSu AP, an egest operation corresponding to the 5GMSu streaming (1206),

wherein the 5GMSu AP is included in an external data network (DN) which is external to the 5GMS system.

2. The method of claim 1, wherein the request is transmitted to a 5GMSu application function (AF),

wherein the acknowledgement is received from the 5GMSu AF,

wherein the egest operation is a 5GMSu egest operation performed with a 5GMSu application server (AS), and

wherein the 5GMSu AF and the 5GMSu AS are included in a trusted DN corresponding to the 5GMS system.

3. The method of claim 2, wherein the 5GMSu AP is configured to communicate with the 5GMSu AF using a 5GMSu provisioning interface,

wherein the 5GMSu AP is configured to communicate with the 5GMSu AS using a 5GMSu egest interface, and

wherein the 5GMSu streaming is performed by the 5GMSu AS using a 5GMSu media streaming interface.

4. The method of claim 1, wherein the request is transmitted to a non-5GMSu provisioning module,

wherein the acknowledgement is received from the non-5GMSu provisioning module,

wherein the egest operation is performed with a 5GMSu application server (AS), and

wherein the non-5GMSu provisioning module and the 5GMSu AS are included in the external DN.

5. The method of claim 4, wherein the 5GMSu AP is configured to communicate with the non-5GMSu provisioning module using a non-5GMSu provisioning interface,

wherein the 5GMSu AP is configured to communicate with the 5GMSu AS using a non-5GMSu egest interface, and

wherein the 5GMSu streaming is performed by the 5GMSu AS using a 5GMSu media streaming interface.

6. The method of claim 1, wherein the request is transmitted to a non-5GMSu provisioning module,

wherein the acknowledgement is received from the non-5GMSu provisioning module,

wherein the egest operation is performed with a non-5GMSu AS, and

wherein the non-5GMSu provisioning module and the non-5GMSu AS are included in the external DN.

7. The method of claim 6, wherein the 5GMSu AP is configured to communicate with the non-5GMSu provisioning module using a non-5GMSu provisioning interface,

wherein the 5GMSu AP is configured to communicate with the non-5GMSu AS using a non-5GMSu egest interface, and

wherein the 5GMSu streaming is performed by the non-5GMSu AS using a non-5GMSu media streaming interface.

8. The method of claim 7, wherein the request comprises a first request and the provisioning session comprises a non-5GMSu provisioning session,

wherein the method further comprises transmitting a second request to a 5GMSu application function (AF) to create a 5GMSu provisioning session, and

wherein the 5GMSu AP is configured to communicate with the 5GMSu AF using a 5GMSu provisioning interface.

9. The method of claim 1, wherein the request is transmitted to a 5GMSu application function (AF),

wherein the acknowledgement is received from the 5GMSu AF,

wherein the egest operation is a 5GMSu egest operation performed with a 5GMSu application server (AS), and

wherein the 5GMSu AF and the 5GMSu AS are included in the external DN.

10. The method of claim 9, wherein the 5GMSu AP is configured to communicate with the 5GMSu AF using a non-5GMSu provisioning interface,

wherein the 5GMSu AP is configured to communicate with the 5GMSu AS using a non-5GMSu egest interface, and

wherein the 5GMSu streaming is performed by the 5GMSu AS using a 5GMSu media streaming interface.

11. A device for 5G media streaming (5GMS), the device comprising:

at least one memory configured to store program code; and

at least one processor configured to read the program code and operate as instructed by the program code, the program code including:

transmitting code configured to cause the at least one processor to transmit, by a 5GMS uplink (5GMSu) application provider (AP), a request to create a provisioning session for 5GMSu streaming using a 5GMS system;

receiving code configured to cause the at least one processor to receive, by the 5GMSu AP, an acknowledgement corresponding to the provisioning session; and

egest code configured to cause the at least one processor to perform, by the 5GMSu AP, an egest operation corresponding to the 5GMSu streaming,

wherein the 5GMSu AP is included in an external data network (DN) which is external to the 5GMS system.

12. The device of claim 11, wherein the request is transmitted to a 5GMSu application function (AF),

wherein the acknowledgement is received from the 5GMSu AF,

wherein the egest operation is a 5GMSu egest operation performed with a 5GMSu application server (AS), and

wherein the 5GMSu AF and the 5GMSu AS are included in a trusted DN corresponding to the 5GMS system.

~~13. The device of claim 12, wherein the 5GMSu AP is configured to communicate with the 5GMSu AF using a 5GMSu provisioning interface,~~

~~wherein the 5GMSu AP is configured to communicate with the 5GMSu AS using a 5GMSu egest interface, and~~

~~wherein the 5GMSu streaming is performed by the 5GMSu AS using a 5GMSu media streaming interface.~~

14~~3~~. The device of claim 11, wherein the request is transmitted to a non-5GMSu provisioning module,

wherein the acknowledgement is received from the non-5GMSu provisioning module,

wherein the egest operation is performed with a 5GMSu application server (AS), and

wherein the non-5GMSu provisioning module and the 5GMSu AS are included in the external DN.

~~15. The device of claim 14, wherein the 5GMSu AP is configured to communicate with the non-5GMSu provisioning module using a non-5GMSu provisioning interface,~~

~~wherein the 5GMSu AP is configured to communicate with the 5GMSu AS using a non-5GMSu egest interface, and~~

~~wherein the 5GMSu streaming is performed by the 5GMSu AS using a 5GMSu media streaming interface.~~

16~~4~~. The device of claim 11, wherein the request comprises a first request transmitted to a non-5GMSu provisioning module and the provisioning session comprises a non-5GMSu provisioning session,

wherein the acknowledgement is received from the non-5GMSu provisioning module,

wherein the transmitting code further comprises additional transmitting code configured to cause the at least one processor to transmit a second request to a 5GMSu application function (AF) to create a 5GMSu provisioning session,

wherein the egest operation is performed with a non-5GMSu AS, and

wherein the non-5GMSu provisioning module and the non-5GMSu AS are included in the external DN.

~~17. The device of claim 16, wherein the 5GMSu-AP is configured to communicate with the non-5GMSu provisioning module using a non-5GMSu provisioning interface,~~

~~wherein the 5GMSu-AP is configured to communicate with the non-5GMSu-AS using a non-5GMSu egest interface,~~

~~wherein the 5GMSu-AP is configured to communicate with the 5GMSu-AF using a 5GMSu provisioning interface, and~~

~~wherein the 5GMSu streaming is performed by the non-5GMSu-AS using a non-5GMSu media streaming interface.~~

~~18. The device of claim 11, wherein the request is transmitted to a 5GMSu application function (AF),~~

~~wherein the acknowledgement is received from the 5GMSu-AF,~~

~~wherein the egest operation is a 5GMSu egest operation performed with a 5GMSu application server (AS), and~~

~~wherein the 5GMSu-AF and the 5GMSu-AS are included in the external DN.~~

~~19. The device of claim 18, wherein the 5GMSu-AP is configured to communicate with the 5GMSu-AF using a non-5GMSu provisioning interface,~~

~~wherein the 5GMSu AP is configured to communicate with the 5GMSu AS using a non-5GMSu egest interface, and~~

~~wherein the 5GMSu streaming is performed by the 5GMSu AS using a 5GMSu media streaming interface.~~

~~20~~15. A non-transitory computer-readable medium storing instructions, the instructions comprising: one or more instructions that, when executed by one or more processors of a device for 5G media streaming (5GMS), cause the one or more processors to:

transmit, by a 5GMS uplink (5GMSu) application provider (AP), a request to create a provisioning session for 5GMSu streaming using a 5GMS system;

receive, by the 5GMSu AP, an acknowledgement corresponding to the provisioning session; and

perform, by the 5GMSu AP, an egest operation corresponding to the 5GMSu streaming,

wherein the 5GMSu AP is included in an external data network (DN) which is external to the 5GMS system.