CLAIMS

What is claimed is:

1. A method performed by a wireless device associated with a wireless communications network, the method comprising:

receiving, from a radio base station, RBS, of the wireless communications network, system information, SI, or a Radio Resource Control, RRC, message, wherein the SI or RRC message is indicative of support of at least one time-sensitive networking, TSN, feature through the RBS;

receiving a first timing signal from the wireless communications network, wherein the first timing signal comprises a time reference for a system clock internal to the wireless communications network;

receiving a second timing signal from an external TSN data network to which the wireless device is connected, wherein the second timing signal comprises a working clock time reference; and

establishing, depending on the received SI or RRC message, at least one TSN stream with the external TSN data network, through the RBS.

2. The method of claim 1, wherein said receiving SI or a RRC message comprises receiving SI indicative of support of the at least one feature for TSN through the RBS.

3. The method of claim 2, wherein the SI is comprised in one or more system information blocks, SIBs.

4. The method of any of claims 1-3, wherein the first timing signal is received in SI received from the RBS.

5. The method of claim 1, wherein said receiving SI or a RRC message comprises receiving an RRC message indicative of support of the at least one feature for TSN through the RBS.

6. The method of claim 5, wherein the first timing signal is received in the RRC message.

7. The method of any of claims 1-6, wherein the wireless communications network is a cellular communications network, such as a New Radio wireless communications network.

8. A wireless device for use in a wireless communications network, the wireless device being adapted to:

receive, from a radio base station, RBS, of the wireless communications network, system information, SI, or a Radio Resource Control, RRC, message, wherein the SI or RRC message is indicative of support of at least one time-sensitive networking, TSN, feature through the RBS;

receive a first timing signal from the wireless communications network, wherein the first timing signal comprises a time reference for a system clock internal to the wireless communications network;

receive a second timing signal from an external TSN data network to which the wireless device is connected, wherein the second timing signal comprises a working clock time reference; and

establish, depending on the received SI or RRC message, at least one TSN stream with the external TSN data network, through the RBS.

9. The wireless device of claim 8, wherein the wireless device is adapted to receive SI indicative of support of the at least one feature for TSN through the RBS.

10. The wireless device of claim 8 or 9, wherein the wireless device is adapted to receive the first timing signal in SI received from the RBS.

11. The wireless device of claim 8, wherein the wireless device is adapted to receive an RRC message indicative of support of the at least one feature for TSN through the RBS

12. A computer program product comprising program instructions for execution by a wireless device, the program instructions being configured to cause the wireless device to carry out the method of any of claims 1-7.

13. A non-transitory computer-readable medium comprising, stored thereupon, the computer program product of claim 12.