

# UIM Robot Network overhead

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Hello,

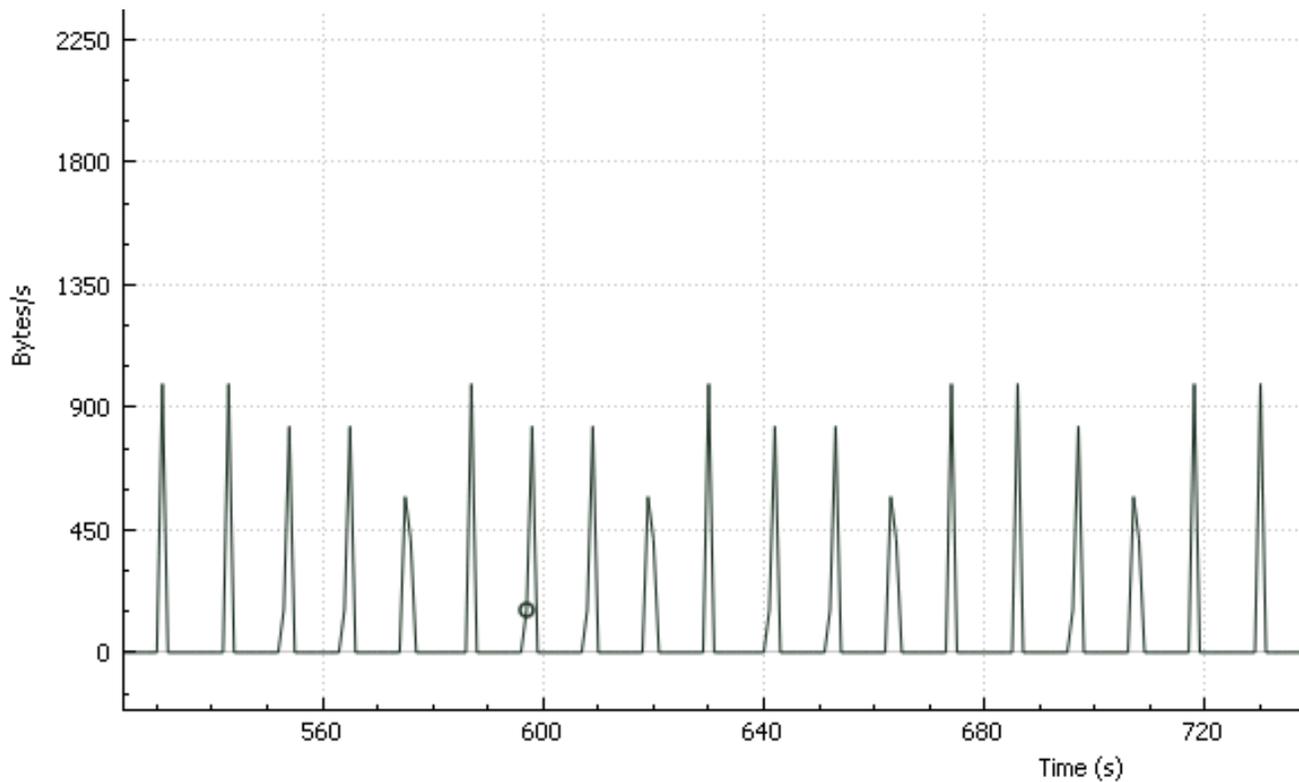
posting some traffic measurements regarding robot-hub bandwidth considerations in UIM 8.3:

Size of a QoS message is about 750 bytes.

Size of an Alarm message size is about 1000 bytes.

This information used together with the spreadsheet posted here: [RE: bandwidth required between hubs in different sites](#) can give a good estimation of network bandwidth requirements.

TCP Traffic from Robot to Hub with no QoS/Alarm messages defined (this is, basically, network overhead/handshake):



1 QoS defined (cdm probe) at 5 min interval: TCP traffic from Robot to Hub (only QoS packages):

3 QoS defined (cdm probe) at 5 min interval:

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Alarm message:

Any comments or additional input is welcome!

Nestor