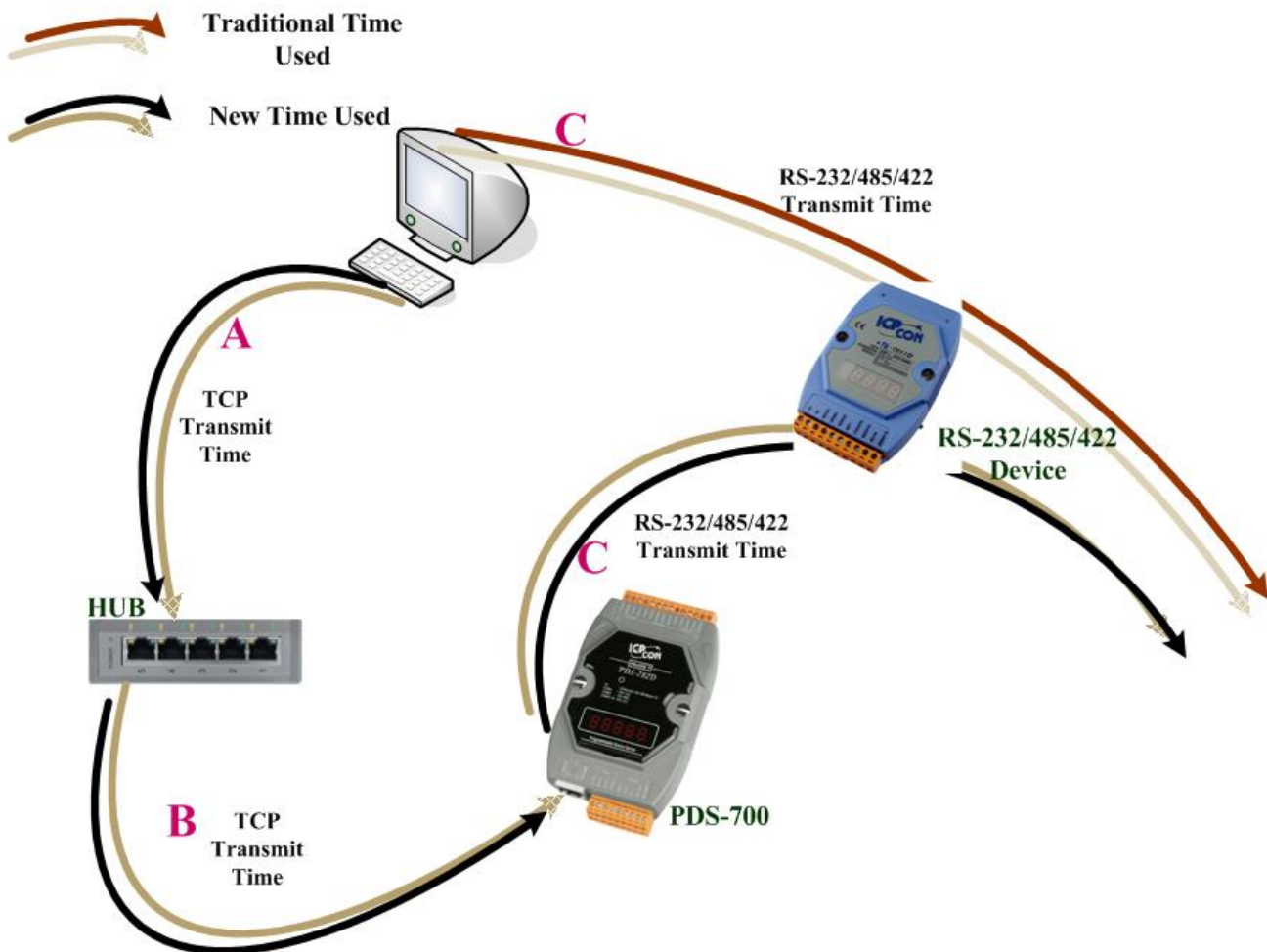


分類/Classification	<input type="checkbox"/> tDS	<input type="checkbox"/> tGW	<input type="checkbox"/> PETL/tET/tPET	<input checked="" type="checkbox"/> DS/PDS/PPDS	<input type="checkbox"/> tM-752N
	<input type="checkbox"/> I/O Card	<input type="checkbox"/> VXC Card	<input type="checkbox"/> VxComm	<input type="checkbox"/> Other	
作者/Author	Tammy	日期/Date	-	編號/NO.	FAQ-005

Q: Does the transmission speed become faster when the serial device working with Serial to Ethernet device servers?

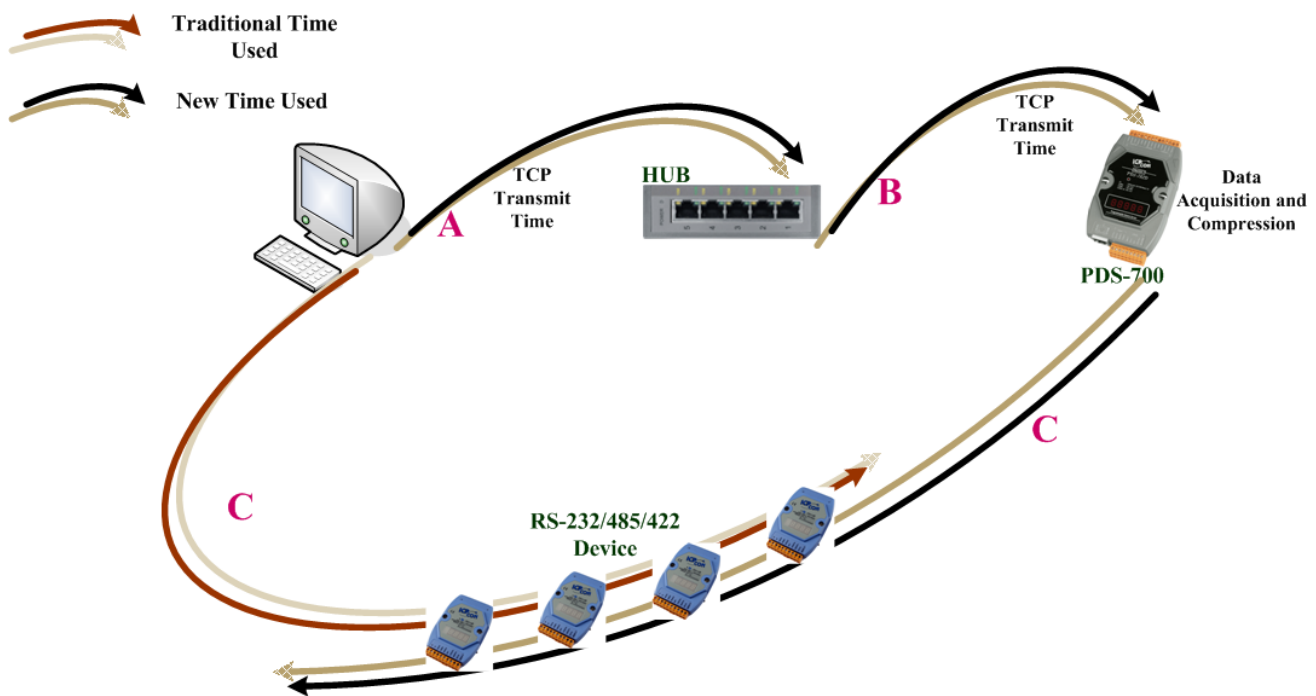
A: The speed depends on the applications. For transparent applications, it includes Ethernet latency in transmission and may get slower. But you can improve the communication speed by increasing the baud rate since you placing the device server more close to serial device and reduce the communication distance. The higher baud rate should be able to be used in short cable (distance) without communication problem.



Traditional time used	RS-232/485/422 transmit time (C)
New time used	Internet/Ethernet transmit time + RS-232/485/422 transmit time (A+B+C)

(All TCP packets need an extra ACK packet to commit the transmit action. This also causes a little additional delay in communication).

For Xserver applications, it can become faster. User can write their own Xserver applications to acquire data automatically, and then compress and transmit this large amount data at one time. Your application can reach high performance by pre-acquire data before asking by client and then response immediately.



Traditional time used	RS-232/485/422 transmit time (C * n modules)
New time used	Internet/Ethernet transmit time (A + B + C)