



Technical Bulletin

21CN update

There has been a change in BT's operational plan to upgrade the exchanges to 21CN. These changes will now take place when the existing equipment reaches the end of its working life.

It was first announced that with 21CN the possible end-to-end delay would be maximum 300 milliseconds (ms) and the industry was working to produce equipment to be compatible with this size of delay. It has now become apparent that the 300ms delay could possibly be increased due to other parameters on the BT network and other network providers. The maximum delay is currently unknown and the BSIA are working in conjunction with BT to provide us with this figure by the end of the year.

RISCO Group, along with other manufacturers, have been working in conjunction with BT and BSIA to provide a test plan and in line with this, the maximum end-to-end delay on RISCO products are as follows:-

Product	Version	Fast Format	CID	SIA
Digi Modem with GT816 v8.4 & GT872 v8.5	2.4	638 ms	638 ms	N/A
ProDigi	3	806 ms	1049 ms	N/A
GT595	5.8	1120 ms	1120 ms	880 ms
WisDom	4.27	N/A	1800 ms	1800 ms
ProSYS	6.09	N/A	1800 ms	1800 ms
CPX/490X	2.5	1120 ms	1120 ms	880 ms
Agility	1.68	N/A	1200 ms	990 ms
FreeComGP		800ms	N/A	N/A

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