

# Solving PBX Master/Slave Contention Issues with Sonata

*The AuroraSonata gives the installation engineer the ability to not only emulate the NT and the TE(PBX) but also to configure both the L1 and the L2/L3 for each as either Master or Slave in any combination.*

Application Note ANSON\_6

Testing the World's Digital Networks

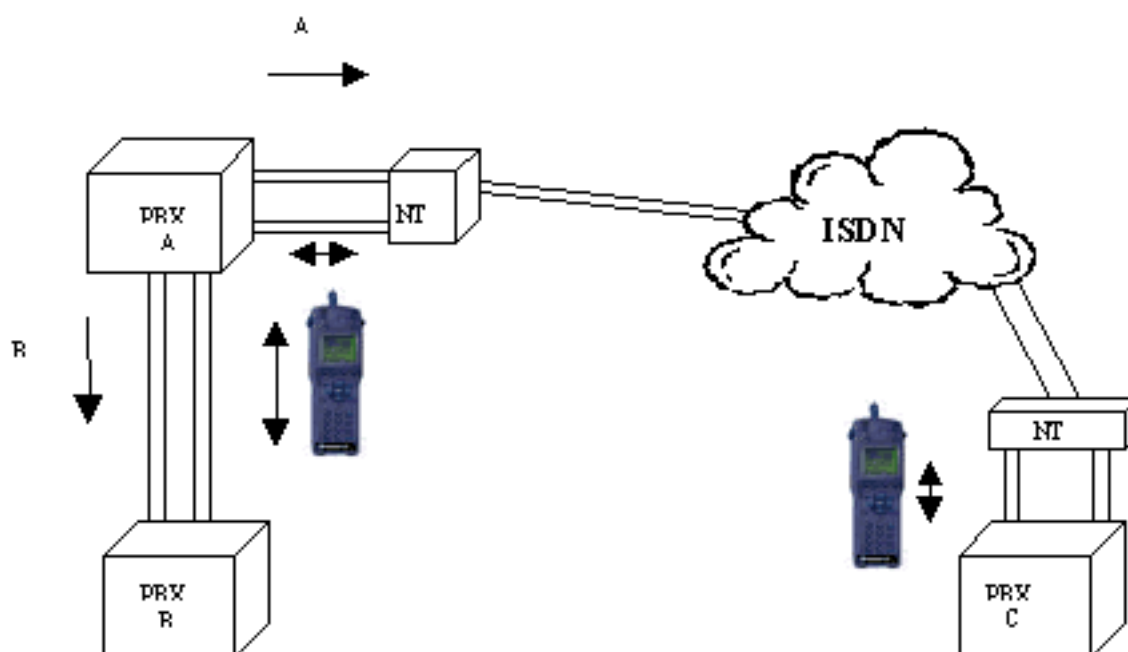


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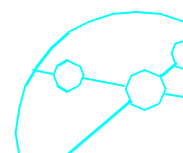
## CONTENTION ON PRIMARY RATE

### The Problem

In real-life situations, as shown in the figure below, it is not always possible to configure your network to have a PBX acting as a master or a slave for both L1(clock) and L2/L3(protocol) and on occasions it is necessary to configure PBX's to act as a slave for one and a master for another. In the figure below the ISDN cloud is providing the clock to both PBX A and PBX C but obviously one of the PBX's, in this case PBX C must act as the master.



PBX A (direction A) - L1 Slave, L2/3 Slave  
PBX A (direction B) - L1 Master, L2/3 Master  
PBX B- L1 Slave, L2/3 Slave  
PBX C- L1 Slave, L2 master



## **The Solution**

The AuroraSonata gives the installation engineer the ability to not only emulate the NT and the TE(PBX) but also to configure both the L1 and the L2/L3 for each as either Master or Slave in any combination. This allows the installation engineer to exactly emulate the real system giving confidence that the set-up of his PBX matches what is required, removing one of the unknowns in installation and saving valuable time that may otherwise be wasted looking for errors which are not there.

The functionality detailed above is available in the latest release of AuroraSonata software. Please contact your Local Vendor or the Trend Communications Ltd Customer Support Hotline (tel: +44 1628 851085) for further information.

