

WinCAPS – Live Subtitling with SUBMUX

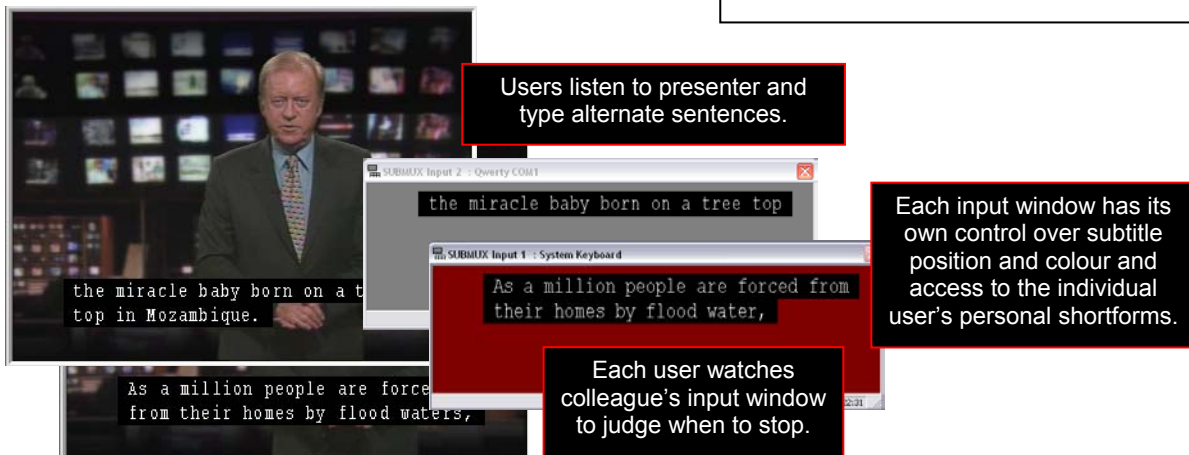
Broadcasters are often faced with a challenge when trying to subtitle live programmes without a script – how to input text fast enough to maintain pace with the programme?

SysMedia's WinCAPS SUBMUX method for dual keyboards offers a unique and effective solution - that is particularly suitable where speech recognition, stenography and velotype technologies are not available or skilled operators are difficult to employ.

SUBMUX enables two live subtitlers to work together, alternating between successive subtitles. The software allows them to concentrate on fast, accurate typing, without worrying about the actual transmission process.

With practice, teamwork and well-chosen Shortforms, the SUBMUX dual keyboard technique can provide text input sufficiently fast to allow real-time captioning of most live programmes, in any Windows keyboard language.

- **Effective live subtitling in any language**
- **Simultaneous text entry from two keyboards in real-time**
- **Text merging on a subtitle-by-subtitle basis**
- **Can also be used to correct speech recognition**

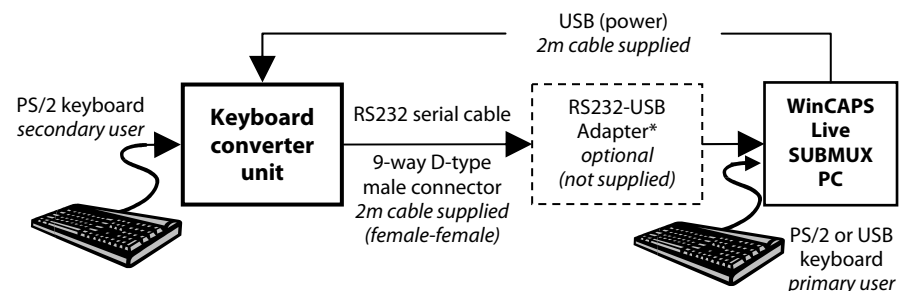


Dual Keyboards - SUBMUX merges together text input from two keyboards on a subtitle-by-subtitle basis, buffers the output and increases or reduces the speed of transmission according to the target rate and size of the queue. This ensures that each subtitle remains on-air for an optimum duration.

Speech Recognition – Alternatively, the SUBMUX second keyboard can be used with WinCAPS SpeakTITLE to correct inaccuracies in the recognition of re-spoken speech input.

A special PS/2 keyboard converter device allows two conventional keyboards to be connected simultaneously to the one WinCAPS PC so that the inputs from each keyboard can be managed directly and with the minimum of delay. This helps both to reduce equipment costs and to ensure synchronisation between the two users.

A standard video splitter or dual head graphics card is also recommended to provide duplicate displays as well so that each typist has his own keyboard and monitor.



* Use where no RS232 serial communications port is available on the WinCAPS PC, note that separate USB ports are required for power and data.