ATCA Real Time System Requirements

Higher priority

- Same software to run off-line
- Automatic editing
  - with feedback
- Automatic calibration
- Image
  - need to take away
  - Display FT of image
  - Spectral line images
  - faster than 30min
- Data statistics
- UV visualisation
  - spectral line
  - clean component subtraction
- Mosaicing
- Archive access

Lower priority

- Polarisation
  - requires long observation to calibrate
- Pulsar
  - more important for Parkes
- VLBI
  - via real time fringe checking

System requirements

- documented
- robust