Timeline

Framework 1

Framework 2.0

Framework 2.5

Mt Stromlo SLR Station

Development of Automation

Canberra Firestorm

Recommended Operations (Manual)


Progress - Routine

• Auto-tracking

• System management facility.

• System monitoring and SMS alerts.

• Remote Access and Control

• Backups and archiving
Progress - Recent

- New Post Processing GUI Application “Profits” completed.
- Supports manual post-processing including graphical facilities.
- Contains new auto-processing library. Supports testing of auto-processing algorithms.
- Supports generation of files in current format and new CRD format using XML/XSLT.
- New auto-processing server in test.
Issues/Opportunities

• On-the-fly Auto-processing
  identification of passes - pass segments.
  identification of completed passes - fixed targets like geostationary and cal targets.

• Quality of Auto-processed Results
  multiple processing strategies.
  quality criteria.
  improved per satellite parameterization.

• Other
  multiple tracks (pre-pulses) affects auto-tracking and auto-processing.
Conclusions

• Significant progress in new automation facilities
• Auto-tracking etc. is now routine.
• Reduced staffing levels – pressure to complete auto-processing.
• New post processing software completed.
• Unattended auto-processing facilities next 1-2 months.