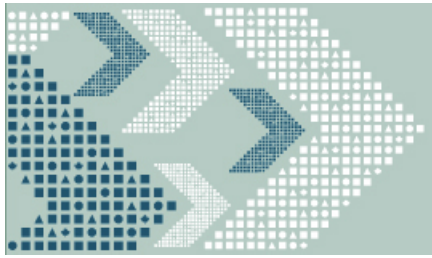
CANARIE

Grid Canada CA Update

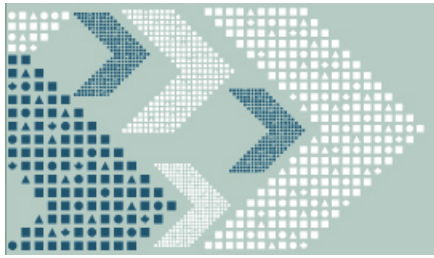
EDG CA Meeting

Darcy Quesnel



Canadian Grid Efforts

- **Three Canadian grid-related projects now use the Grid Canada CA and provide an RA**
  - NRC Inter-Institute Program on High Performance Computing
    - http://www.nrc.ca
    - *Ratilal Haria*, RA
  - WestGrid
    - http://www.westgrid.ca
    - *Rob Simmonds*, RA
  - Atlas Canada
    - http://atlas-canada.web.cern.ch
    - *Ashok Agarwal*, RA

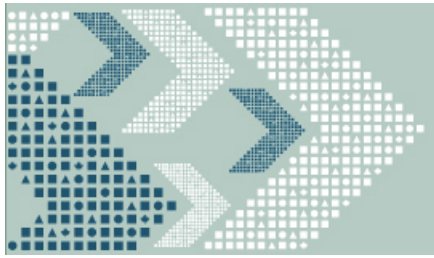


GC CA Process Additions

- **Had problems with turn-around time on certificate requests**
- **Ratilal Haria of NRC becomes co-CA, signing requests when I'm not at NRC**
  - Which has turned out to be fairly often recently
  - Secure CA machine has always resided at NRC site

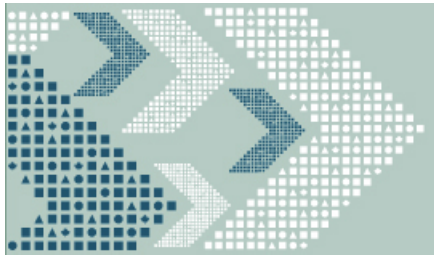
GC CA Statistics

- **66 certificates issued**
  - As opposed to 31 last December when we first met
- **Obviously there's still room to grow**



Future Directions

- **Hope to see more users**
  - Building a Canadian Access Grid community
    - Access Grid 2.0 is now GSI-based
  - CANARIE directed research programme in user-controlled lightpaths
    - OGSA-compatible solutions are being developed
- **Existing Canadian grid efforts are still growing**



Contact Information

- **Grid Canada CA**
  - http://www.gridcanada.ca/ca
- **Darcy Quesnel**
  - darcy.quesnel@canarie.ca
  - ca@gridcanada.ca