Third Party ATR Development

ADSA08 Goals

- Better detection through better ATR
- 3P involvement

ATR Factors (Additional)

- Requirement spec
  - Threat list
  - PD/PFA
- Test specifics
- More difficult to partition than reconstruction and segmentation
- Vendor/3P participation
  - Easier w/o government
  - Incentives drive participation

Proposal

- 3Ps required to pass certification' test
- Certification test is similar to certification with following exceptions:
  - OOIs instead of threats (water, coke, rubber sheets)
  - 3Ps use common scanner (e.g., Imatron)
  - Classified' doc not gov. doc
  - Test director is not from gov.
  - Virtual scorring
  - Multiple levels of grading 70/30, 80/20, 90/10

Issues

- How to set PD/PFA prospectively?
- Variation of OOIs
- Confusers
- Statistical significance
- Prevent over-training