



# Cryptographic Equipment Assessment Laboratory (CEAL)

- ✓ One of three original accredited testing laboratories established in 1996
- ✓ Over 100 modules tested
- ✓ Single chip, imbedded, stand alone
- ✓ HW, SW, smart cards, Fortezza
- ✓ Consulting, teaching, and testing
- ✓ Part of **Entrust<sup>®</sup> CygnaCom<sup>™</sup>**
  - CC sister laboratory Security Evaluation Lab.
  - PKI demonstration and implementation
  - Cryptographic security consulting to U.S. Government agencies

# Advice for FIPS 140-2 Module developers

- ✓ Know the standard
  - Design requirements
  - Documentation
- ✓ Talk to your laboratory
  - Define module boundary, embodiment, level
  - How your module meets the requirements
- ✓ Establish a technical contact
- ✓ Keep in touch
- ✓ Expect to make changes
- ✓ Don't try to be tricky



**Entrust<sup>®</sup> CygnaCom<sup>™</sup>**



**Come Visit or Call**

**Miles Smid**

**703-270-3542**

**Daun-Marie Curts**

**703-270-3518**