

***U.S. Common Criteria  
Evaluation & Validation Scheme  
(CCEVS)  
Update***

***19 September 2006***

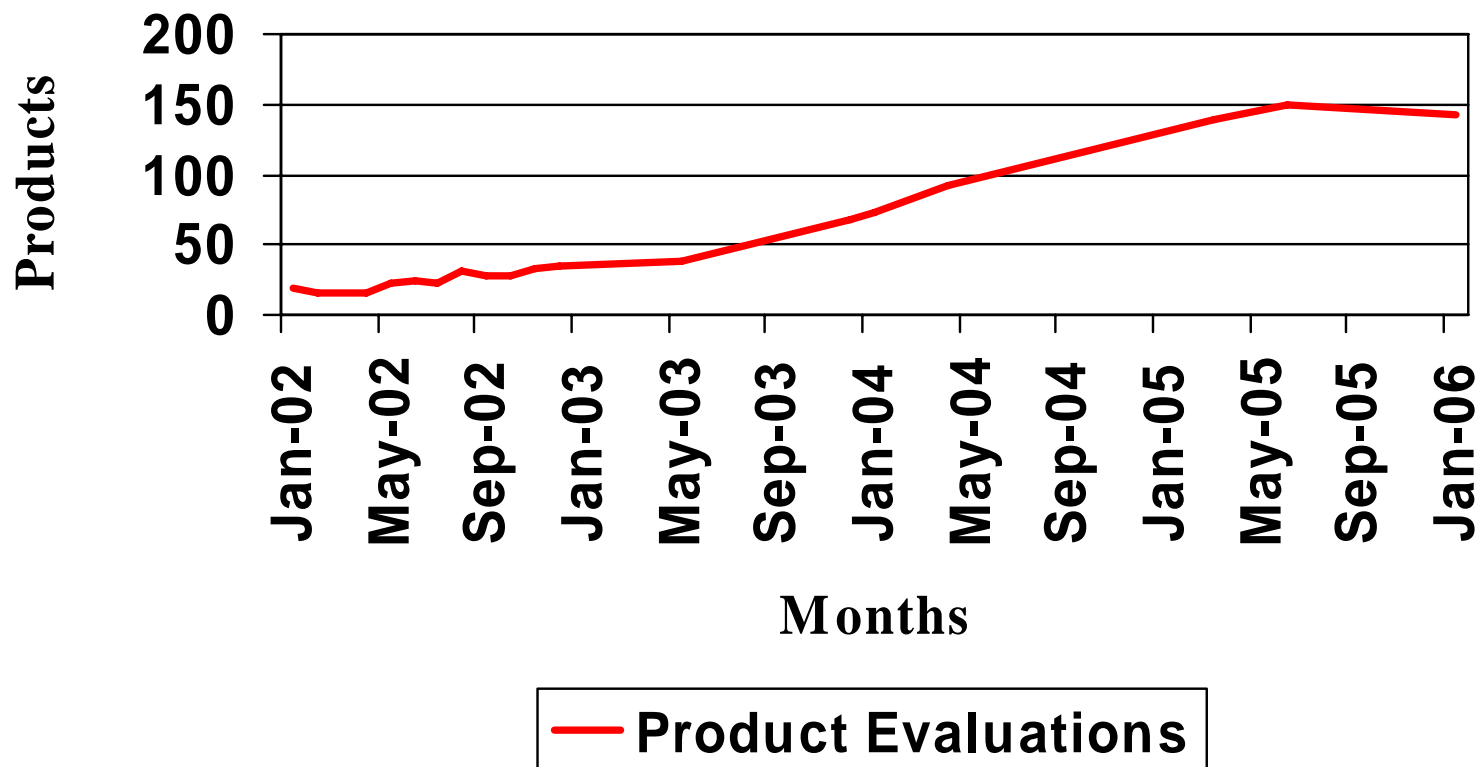
**Audrey M. Dale**  
**Director, NIAP CCEVS**

## *Agenda*

- Current status of the U.S. Scheme
- The U.S. Scheme in the upcoming year

# *Current Status of the U.S. Scheme*

## 2002-2006 Evaluation Timeline



# *Current Status of the U.S. Scheme*

- Common Criteria Testing Labs (CCTLs)
  - 9 accredited labs
  - 3 candidate labs
- Products (Aug 06)
  - 140 products “in evaluation”
  - 154 product certificates issued to date
- Protection Profiles (PPs)
  - Only 4 U.S. Government PPs currently in development
  - 6 U.S. Government PPs being evaluated
  - 38 validated U.S. Government PPs

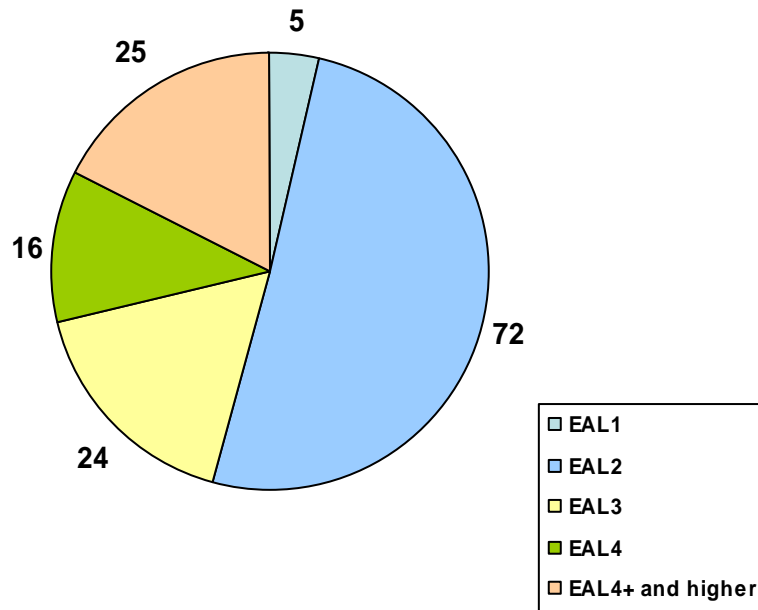
# *Current Status of the U.S. Scheme CCTLs*

- |  |                         |
|--|-------------------------|
| 1. <b>Booz Allen Hamilton</b>              | Linthicum, Maryland     |
| 2. <b>Arca</b>                             | Sterling, Virginia      |
| 3. <b>atsec</b>                            | Austin, Texas           |
| 4. <b>COACT, Inc.</b>                      | Columbia, Maryland      |
| 5. <b>Computer Sciences Corp.</b>          | Annapolis Junction, MD  |
| 6. <b>Criterion Independent Labs</b>       | Fairmont, West Virginia |
| 7. <b>CygnaCom Solutions, Inc.</b>         | McLean, Virginia        |
| 8. <b>InfoGard Laboratories, Inc.</b>      | San Luis Obispo, CA     |
| 9. <b>Science Applications Int'l Corp.</b> | Columbia, MD            |

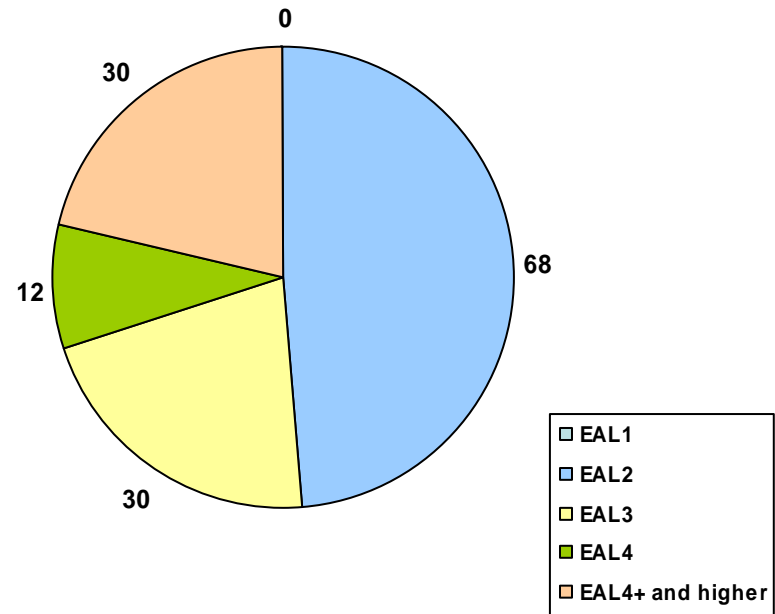
**Plus 5 Candidate Labs (BKP, BT, DIAL)**

# Current Status of the U.S. Scheme Products by EAL

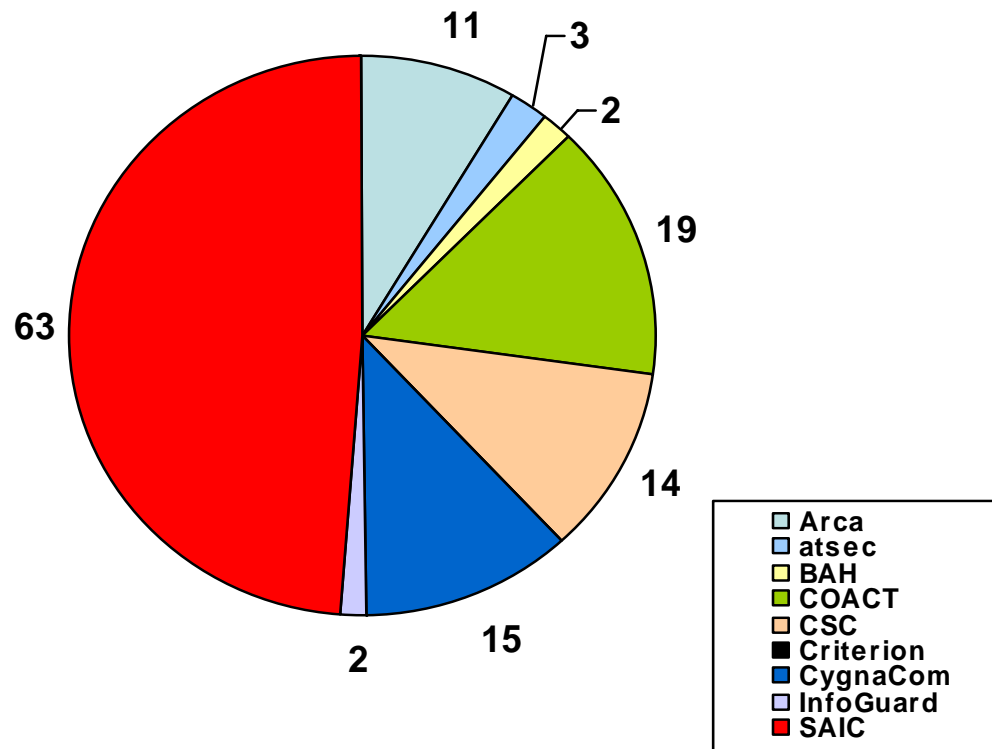
142 Completed Product ST Evaluations



140 Product ST Evaluations in Progress



# *Current Status of the U.S. Scheme Products by Lab*





## SNAPSHOT (VALIDATED PRODUCTS) 1 AUGUST 2006

TECHNOLOGIES (number of products)	EAL 1	EAL 2	EAL 3	EAL 4	EAL 5	EAL 6	EAL 7
Anti-Virus (1)				1			
Certificate Management (4)			1	3			
Firewalls (14)		3		11			
Guard (1)				4			
Intrusion Detection Systems (24)	1	18	4	1			
Miscellaneous (24)		16	4	3	1		
Multiple Domain Solution (1)				1			
Network Access Control (3)		1	1	1			
Network Management (10)		7	2	1			
Operating Systems (13)		4	4	4	1		
Peripheral Switches (2)				2			
PKI/KMI (4)		1	2	1			
Routers (4)		2	2				
Secure Messaging (8)		5	2	1			
Security Management (2)		1	1				
Sensitive Data Protection (14)	2	5	4	3			
Single Level Web Servers (6)	2	4					
Switches (2)				2			
System Access Control (1)		1					
Trusted DBMS (7)		1	3	3			
VPN (3)		1		2			
<b>TOTAL = 151</b>	<b>5</b>	<b>70</b>	<b>30</b>	<b>44</b>	<b>2</b>	<b>0</b>	<b>0</b>



## Protection Profiles NIAP Evaluated

As of 8-16-2006

TECHNOLOGIES (number of protection Profiles)	EAL claim							BASIC ROBUSTNESS	MEDIUM ROBUSTNESS	HIGH ROBUSTNESS	Total
	1	2	3	4	5	6	7	Based on Consistency Manual			
Operating Systems			2						2		4
Firewalls		2							3		5
Wireless							2				2
Web							1				1
IDS		4							4		8
VPN									1		1
Biometrics							1		1		2
PKI*			2	3					2		7*
Router									1		1
Anti-Virus							1				1
Database							1				1
Peripheral switch				1							1
Certificate Management	1	1	1	1							4
* Profiles claim multiple EAL levels											
<b>Total</b>	<b>1</b>	<b>7</b>	<b>5</b>	<b>5</b>			<b>6</b>		<b>14</b>		<b>38</b>

Red text= in the NIAP lab for evaluation

# *The U.S. Scheme in the Upcoming Year*

- Establish fee-for-service model
- Maintain program with significantly decreased funding
  - Focus on medium and high assurance evaluations
- Investigate ways to make evaluations & validations more efficient
  - Contain validation resources within the bounds of Mutual Recognition
  - Maintain consistency amongst evaluations & validations
  - Continue investigating the use of tools
- Pursue fee-for-service model for validation

# *Questions ?*

## **Important Web Sites**

**NIAP CCEVS:** <http://niap.bahialab.com/cc-scheme/>

**CC Portal:** <http://www.commoncriteriaportal.org/>

**Protection Profiles:**

<http://niap.bahialab.com/cc-scheme/pp/index.cfm>

**Validated Products:**

[http://niap.bahialab.com/cc-scheme/vpl/vpl\\_type.cfm](http://niap.bahialab.com/cc-scheme/vpl/vpl_type.cfm)

## *Contact Information*

*Audrey M. Dale*

*National Security Agency*

*9800 Savage Road, STE 6740*

*Fort George G. Meade, MD 20755-6740*

*U.S.A*

**amdale@missi.ncsc.mil**

**phone: +1-(410) 854-4458**