DIRECTORATE OF
CYBERSECURITY

Commercial Solutions for Classified:

Harnessing the Power of Commercial Industry

The overall classification of this briefing is: UNCLASSIFIED

(U) COMMERCIAL SOLUTIONS for CLASSIFIED (CSfC) Guiding Principle

Properly configured & layered, commercial solutions can provide protection of classified information in a variety of applications.

Basic Multi-Site Connectivity Architecture

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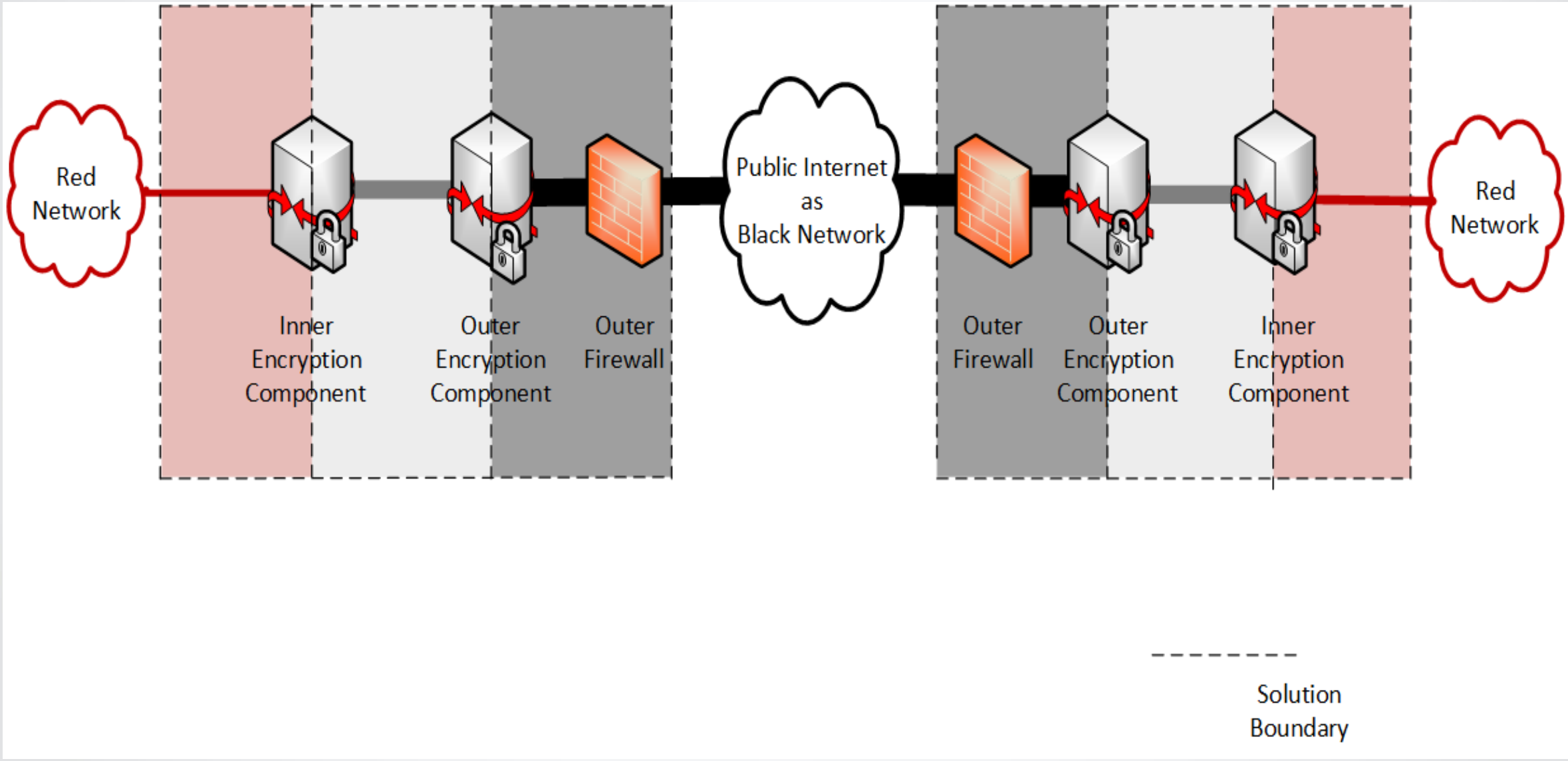

THE CSfC POLICY HIERARCHY

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POTUS issues NSA authority to approve solutions.
EO 12333 and NSD 42

CNSS Co-Chair, DoD CIO / NSA NM
CNSSP 7: Overall CSfC Program Requirements
CNSSP 11: Requires NIAP Validation for COTS
CNSSP 15: Cryptographic standards for NSS

NSA-approved Capability Packages (composed commercial solutions)

Customer Implements (under AO authority)

NIAP Protection Profiles (individual COTS products)

Vendor Registrations

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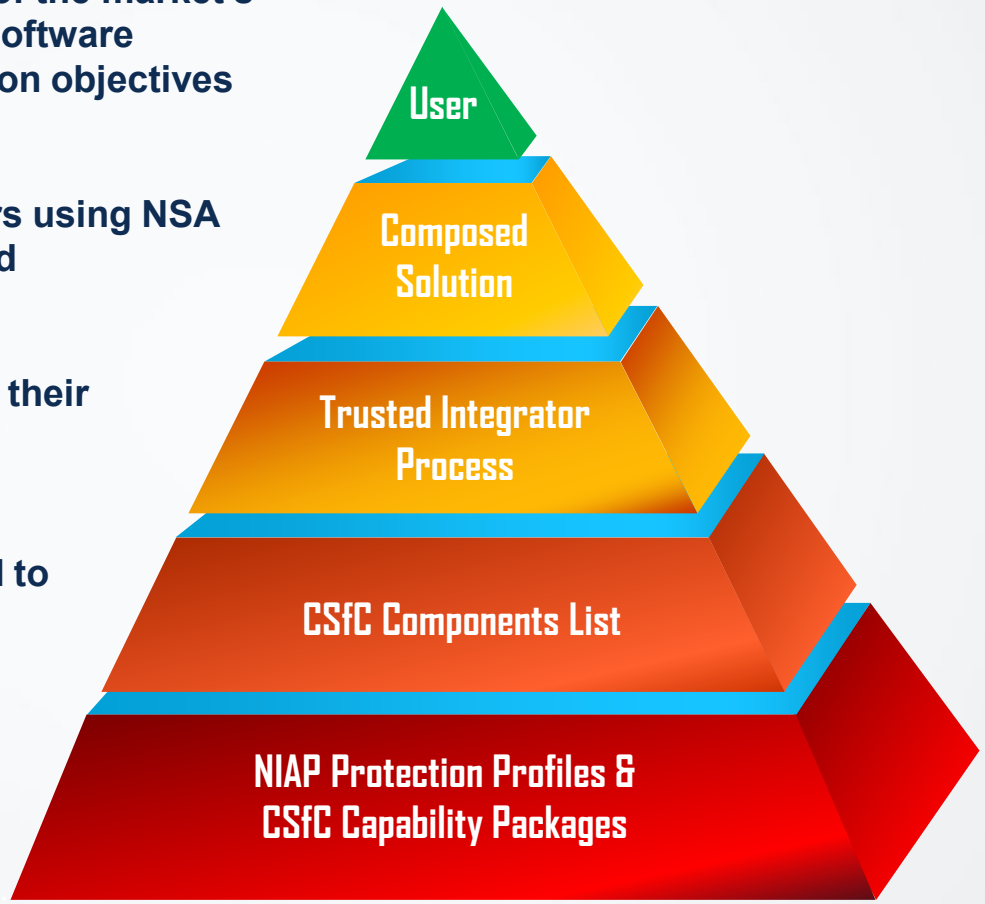
USG & Industry requiring immediate use of the market's most modern commercial hardware and software technologies within NSS to achieve mission objectives

Secure solution built by trusted integrators using NSA security requirements & layering approved components

Vets Integrators against criteria regarding their organization & personnel

Approved COTS components are selected to meet requirements

CSfC requirements are specified in CPs at the system level and PPs at the component level



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CSfC Component List

National Information Assurance Partnership (NIAP)

Responsible for U.S Implementation of Common Criteria, including management of NIAP Common Criteria Evaluation and Validation Scheme (CCEVS) certification body.

- Develop Protection Profiles
- Oversees evaluation of Commercial IT for use in NSS
- US Representative to International Common Criteria Recognition Arrangement (CCRA)
- NIAP Certified products listed on Product Compliant List (PCL).
- PCL is for 2 yrs + 1yr (Maint. Activity)

CSfC Components List

The listing of Commercial Components which are NIAP validated and met the optional CSfC selections (when applicable). Completion of CSfC Component vetting process prior to be listed on CSfC Components List.

- NIAP validation + CSfC Selections when applicable
- Memorandum of Agreement between NSA and Component Vendor
- Listed on Components list for 2-3 Years, Moved to Archived list when removed from NIAP's PCL

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CSfC - Layering commercial technologies to protect National Security Systems

Capability Packages

System level Architectures approved to protect

Data-In-Transit (DIT)

& Data-At Rest (DAR

- Mobile Access (MA) v2.5.1
- Campus WLAN v3.0.1
- Data At Rest (DAR) v5.0
- Multi-Site Connectivity (MSC) v1.2.0

Annexes

Are Applicable across CPs, providing consistency and facilitate updating independent of Capability Packages

- Key Management Annex v2.1
- Enterprise Gray Annex v1.1.1
- WIDS/WIPS Annex v1.0
- Continuous Monitoring Annex v1.1.0

Capability Package and Annex Revision/Updates

CSfC continuously collects input for CP & Annex changes and updates with the goal to publish revisions every 18 to 24 Months, or soon depending on prioritization.

CSfC REGISTRATION PROCESS

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1

Customer Initiation

Pre-Submission Meeting

2

Registration Submission

3

CSfC PMO Registration Review

1. Quality Assurance Review

Deviations ?

NO

YES

4

Registration Acknowledgment

Signed by AO & CSfC PMO

Solution Plans to Renew ?

YES

NO

5

Registration Renewal

Submission

2. Deviation Review Board
3. CSfC Tech Advisory Council (TAC)
4. CSD Alpha 1 Approval Decision

Registration Expired

Solution AO Notified

NSS Authorizing Official Fielding Decision

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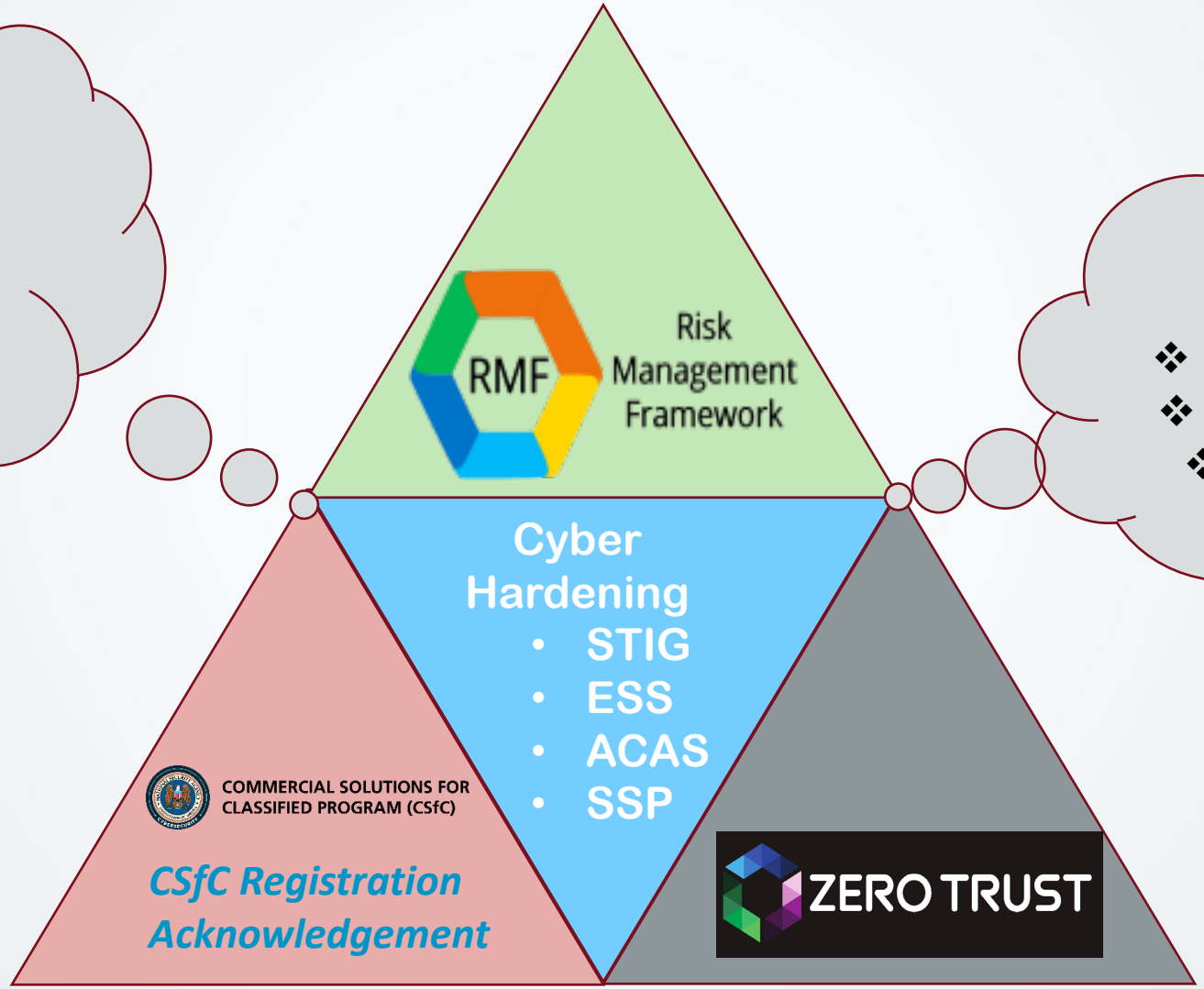
Additional Considerations
- End User Agreement
- User Training
- Sustainment



Additional Considerations
- Acquisition Security
- Acceptance Testing
- System Patching

CSfC WEBSITE

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On the Internet: **https://www.nsa.gov/resources/everyone/csfc**

(or just search for CSfC)

CSfC Program Management Office: csfc@nsa.gov

CRYPTOGRAPHIC SOLUTIONS

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BACKUP

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