Lessons and recommendations from evaluating against NDPP in three different schemes

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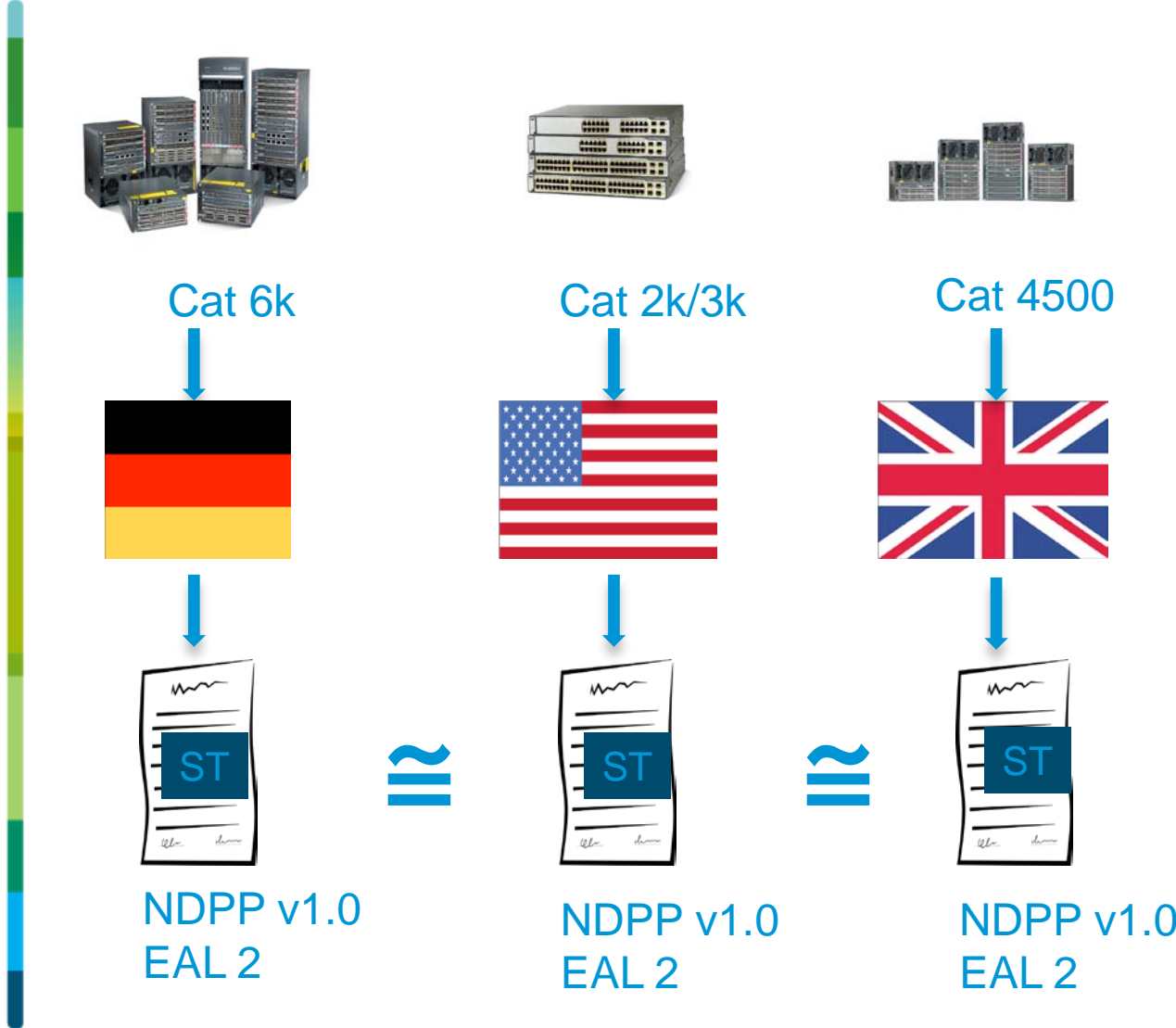Ashit Vora, Cisco GCT Manager

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Goal

To demonstrate it is possible to achieve the goals of standard PPs: achievable, repeatable and testable evaluations across multiple schemes with the same results
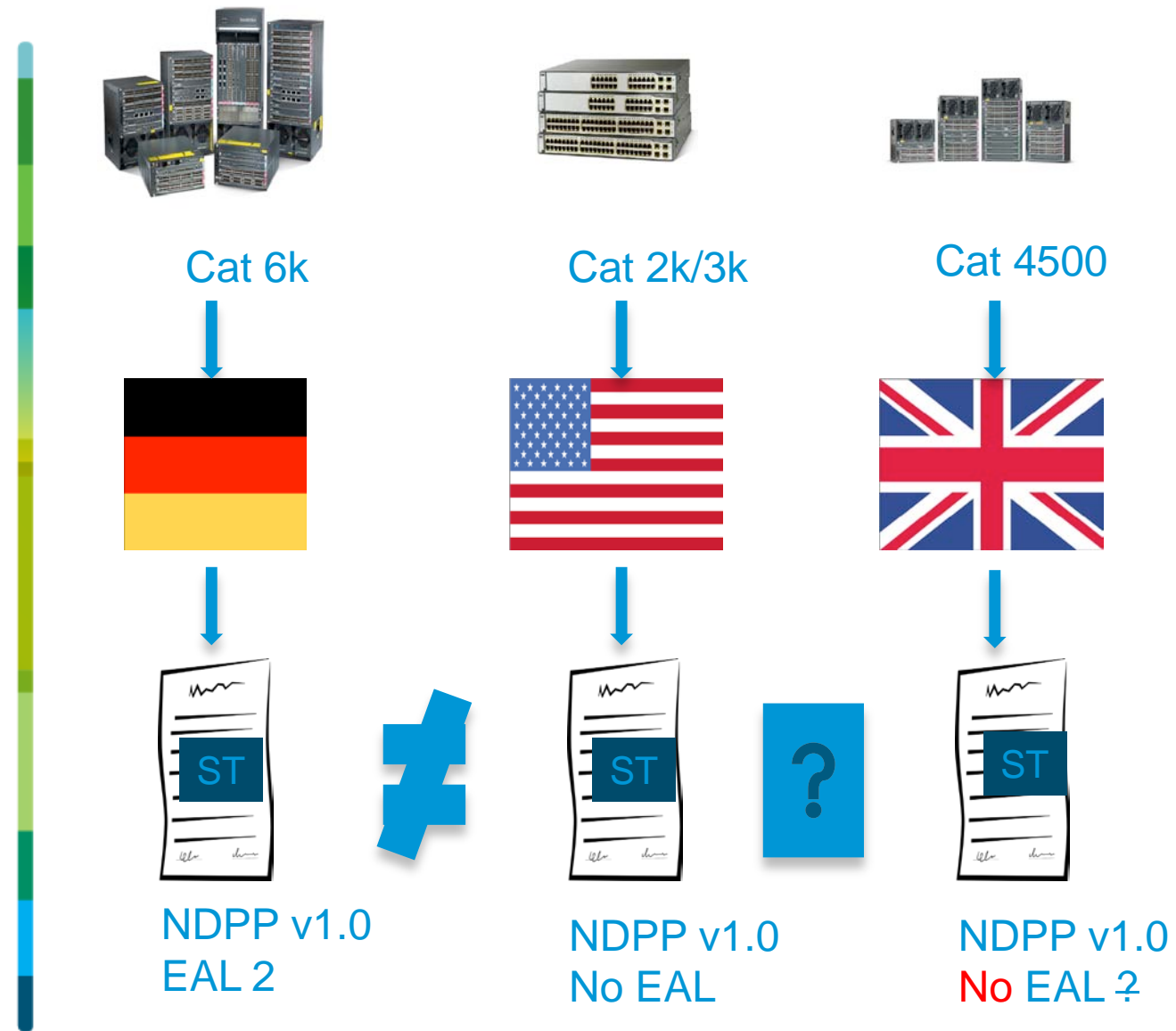
One Protection Profile, three similar products, three Schemes

- Network Device Protection Profile
  - V1.0

- Catalyst Switches
  - Cat 2K / 3K
  - Cat4K
  - Cat6K

- Schemes
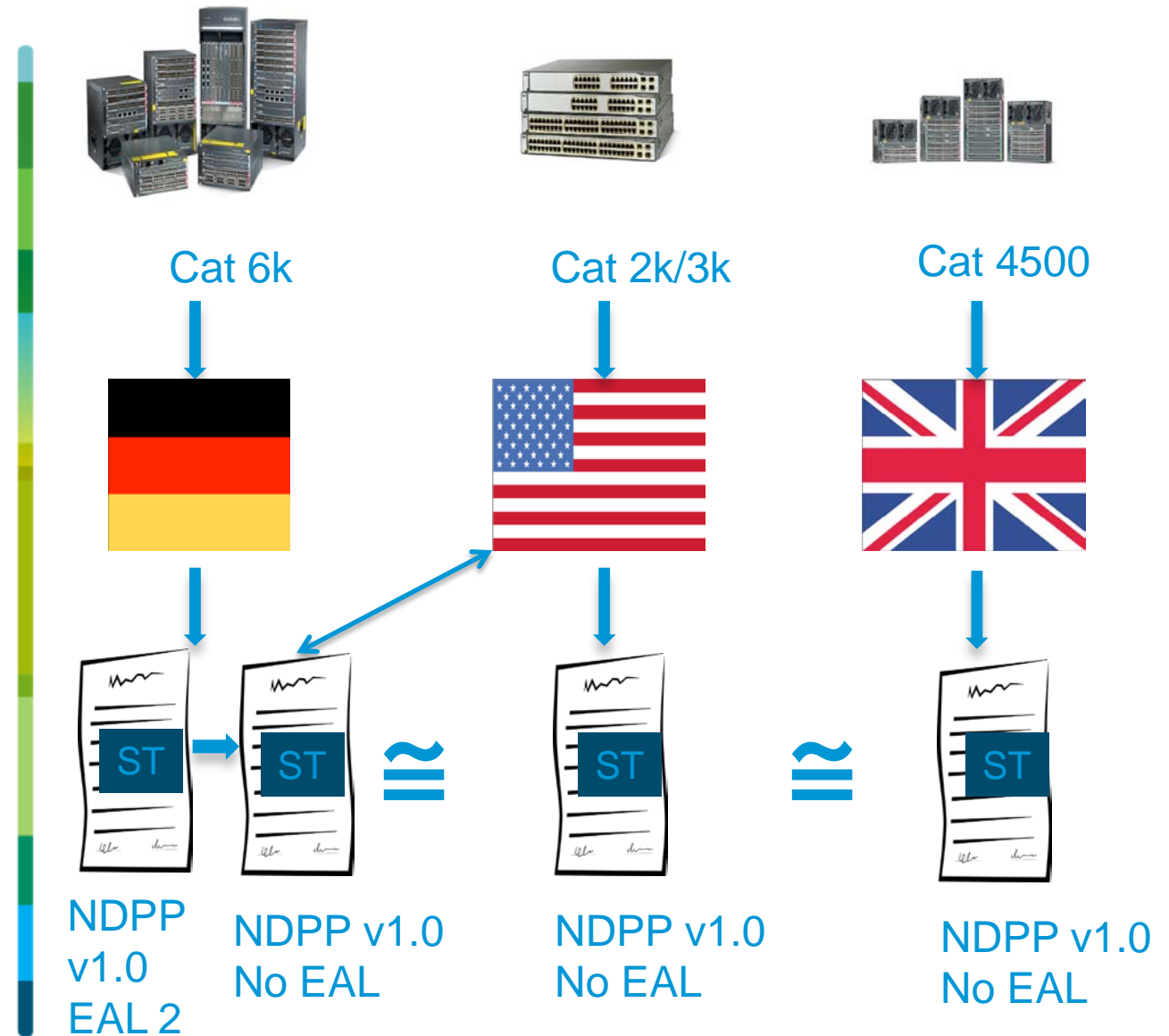 - NIAP, US
  - CESG, UK
  - BSI, Germany

Initial Plan

Cat 6k

Cat 2k/3k

Cat 4500

ST ≅ ST ≅ ST

NDPP v1.0
EAL 2

NDPP v1.0
EAL 2

NDPP v1.0
EAL 2

Kick-off

Cat 6k

Cat 2k/3k

Cat 4500

ST

≠

ST

?

ST

NDPP v1.0
EAL 2

NDPP v1.0
No EAL

NDPP v1.0
No EAL ?

Solution

Cat 6k

Cat 2k/3k

Cat 4500

ST

ST ≅ ST ≅ ST

NDPP
v1.0
EAL 2

NDPP v1.0
No EAL

NDPP v1.0
No EAL

NDPP v1.0
No EAL

Experience

Engagements with the Labs and Schemes

Interpretations of requirements

Results of evaluation evidence and testing

Findings

Timing is everything

Positives

Not so positives

Recommendations

- Coordinate with Stakeholders to set expectations

- Align product releases

- Consistency across Protection Profiles

- Consistency with other Standards

- Unified timeline for Protection Profiles

Achievable, testable, repeatable

Thank you.

CISCO