MyCC Scheme Overview

SECURITY ASSURANCE

Creating Trust & Confidence

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Objectives

- Understand MyCC Scheme **background** and **history**
- Describe:
  - MyCC Scheme **services**
  - MyCC Scheme **stakeholders**
  - MyCC Scheme **evaluation & certification process**
  - MyCC Scheme **publication**
  - MyCC Scheme **key milestones**

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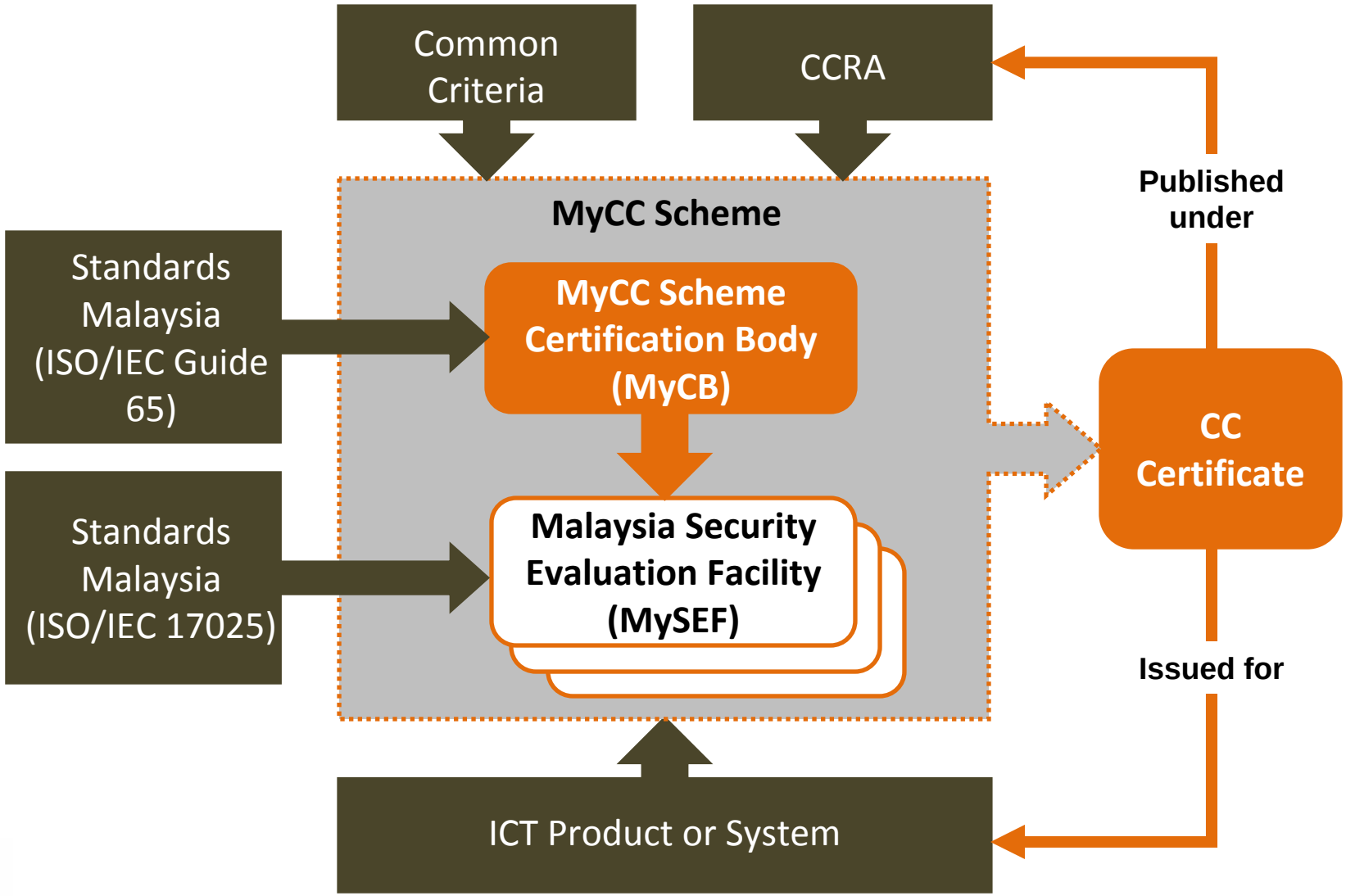
The MyCC Scheme



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MyCC Scheme Background

- Project commenced in 2006 to establish the MyCC Scheme
  - Driven from 9th Malaysian Plan (2006-2010)
  - Supported by the 2005 National Cyber Security Policy
- Malaysia accepted as certificate consumer under the CCRA in March 2007
- The MyCC commenced operations in September 2008
- First evaluations commenced at EAL3/EAL4 to support application for certificate authorising status

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MyCC Scheme Mission

To increase Malaysian competitiveness in quality assurance of information security based on the CC standard and to build consumers' confidence towards Malaysian information security products.

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MyCC Scheme Services

- Security evaluation and certification of ICT products, systems and protection profiles
  - Certify results of evaluations conducted against v3.1 of the Common Criteria (ISO\IEC 15408)
  - Results published on Malaysian Certified Products Register (MyCPR)
- Maintenance of assurance for security certified ICT products and systems
  - In accordance with CCRA requirements for assurance continuity
  - Maintenance addenda published on Malaysian Certified Products Register (MyCPR)
- Recognition of certificates for special purposed
  - In accordance with MyCC Scheme Policy

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MyCC Scheme Benefits

- Improve the competitiveness of Malaysian ICT products in a global ICT market
- Enhance Malaysia's reputation as a provider of ICT security assurance services globally
- Gain access to international markets for Malaysian ICT products
- Enhance the security of Malaysian information infrastructure
- Enhance the security of Malaysian ICT products

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MyCC Scheme Stakeholders

- Developer
  - Develops the TOE and produces the evidence
- Sponsor
  - In most cases is the developer
  - Contracts with a MySEF
  - Provides the evaluation evidence
- Malaysian Security Evaluation Facilities (MySEFs)
  - Evaluates the evidence
  - Writes the Evaluation Technical Report
- Malaysian Common Criteria Certification Body (MyCB)
  - Certifies the results of the evaluation
  - Produces the certificate and Certification Report

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Malaysian Common Criteria Certification Body (MyCB)

- Core services
  - Security evaluation and certification of ICT products and systems (called a target of evaluation (TOE))
  - Security evaluation and certification of CC protection profiles
  - Maintenance of assurance for security certified ICT products and systems
  - Recognition of CCRA certificates for special purposes
- Supporting services
  - Interpretations management
  - CCRA engagement
  - Training and development
  - Publications management
  - MySEF license management

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Malaysian Security Evaluation Facility (MySEF)

- A MySEF is a commercial or government entity licensed by the MyCC Scheme and accredited to MS-ISO/IEC 17025 by Standards Malaysia
- Core services
  - Security evaluation of ICT products and systems (called a target of evaluation (TOE))
  - Security evaluation and certification of CC protection profiles
- Results are submitted to MyCB for certification
- Currently, MySEF is operated under Cybersecurity Malaysia. Separate from MyCB team.

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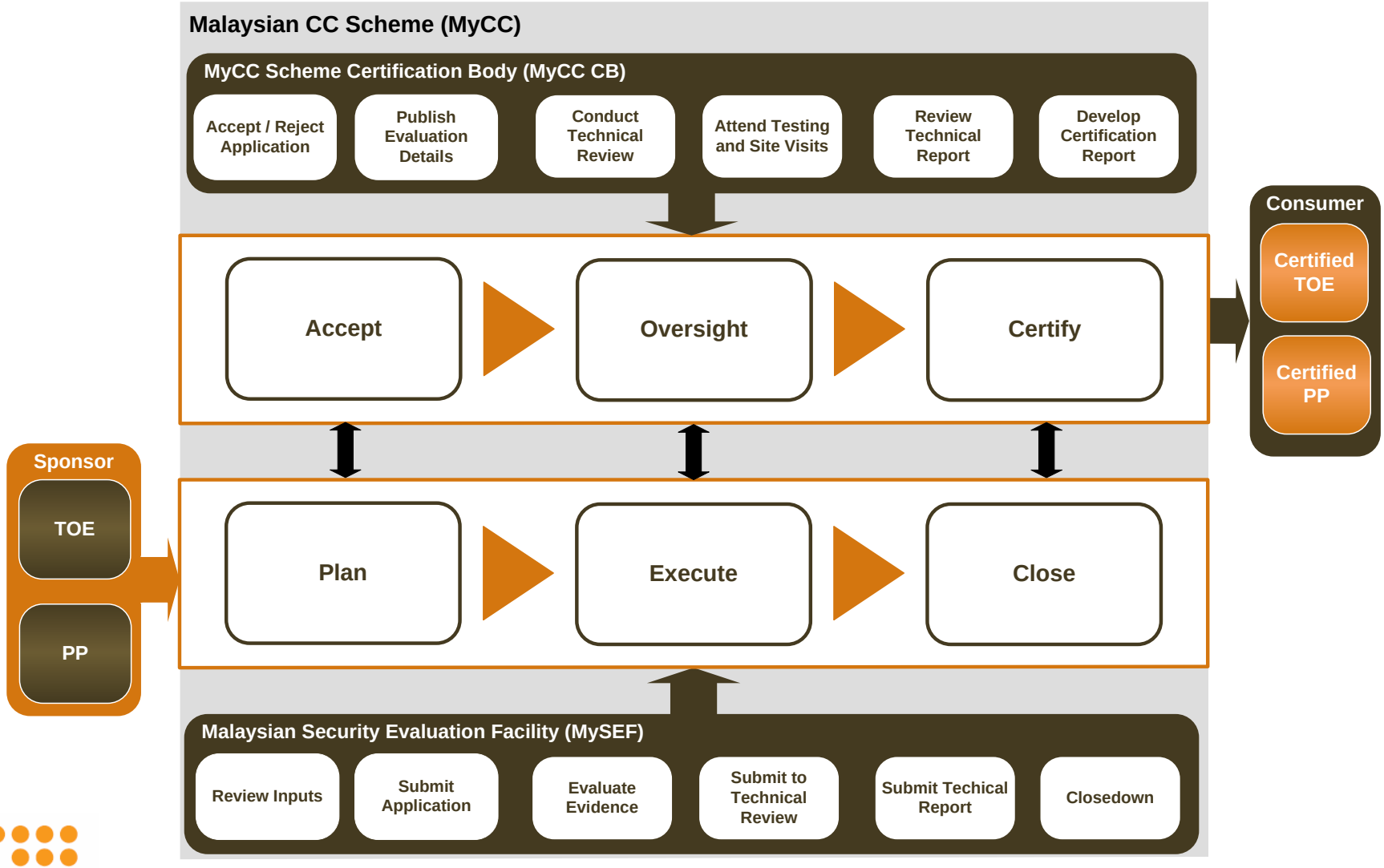
The Process



Securing Our Cyberspace

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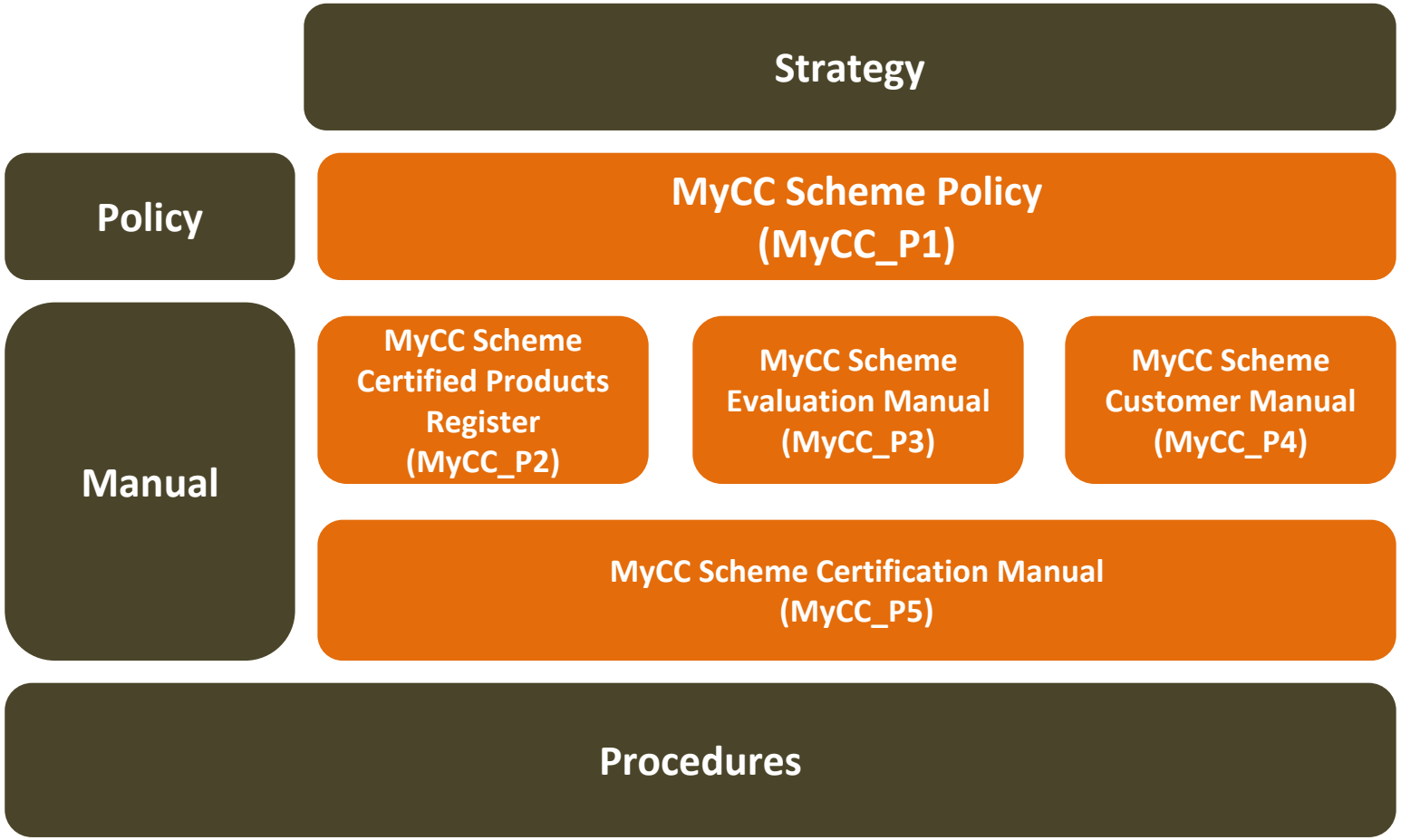
MyCC Scheme Publications



Publicly available documents at www.cybersecurity.my/MyCC by end of 2008

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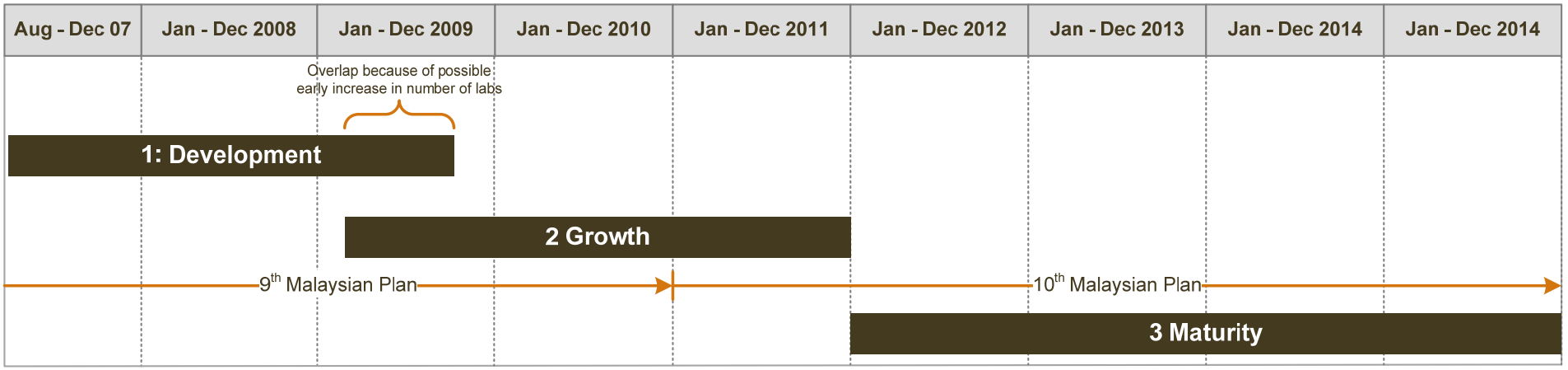
Timeframes



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MyCC Scheme Key Milestones

Milestone	Date
MyCC Scheme Strategy and Implementation Plan	October 2007
MyCC Scheme and Certification Body Established	August 2008
Accredited Evaluation Facility Established	March 2009
Issue First Certificates (2 products EAL3 or EAL4) using MyCC Scheme	April – June 2009
Application to become CCRA Certificate Producer Member	March 2009
Voluntary Periodic Assessment	June-August 2009

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