



Security in a Project Lifecycle

Department of National Defence
Carling Campus Project

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Today's Presentation

- Introduction
- Background
- Security in the CCP Project
 - Requirements
 - Design
 - Implementation
- Q&A



The Canadian Armed Forces





DND Carling Campus Project





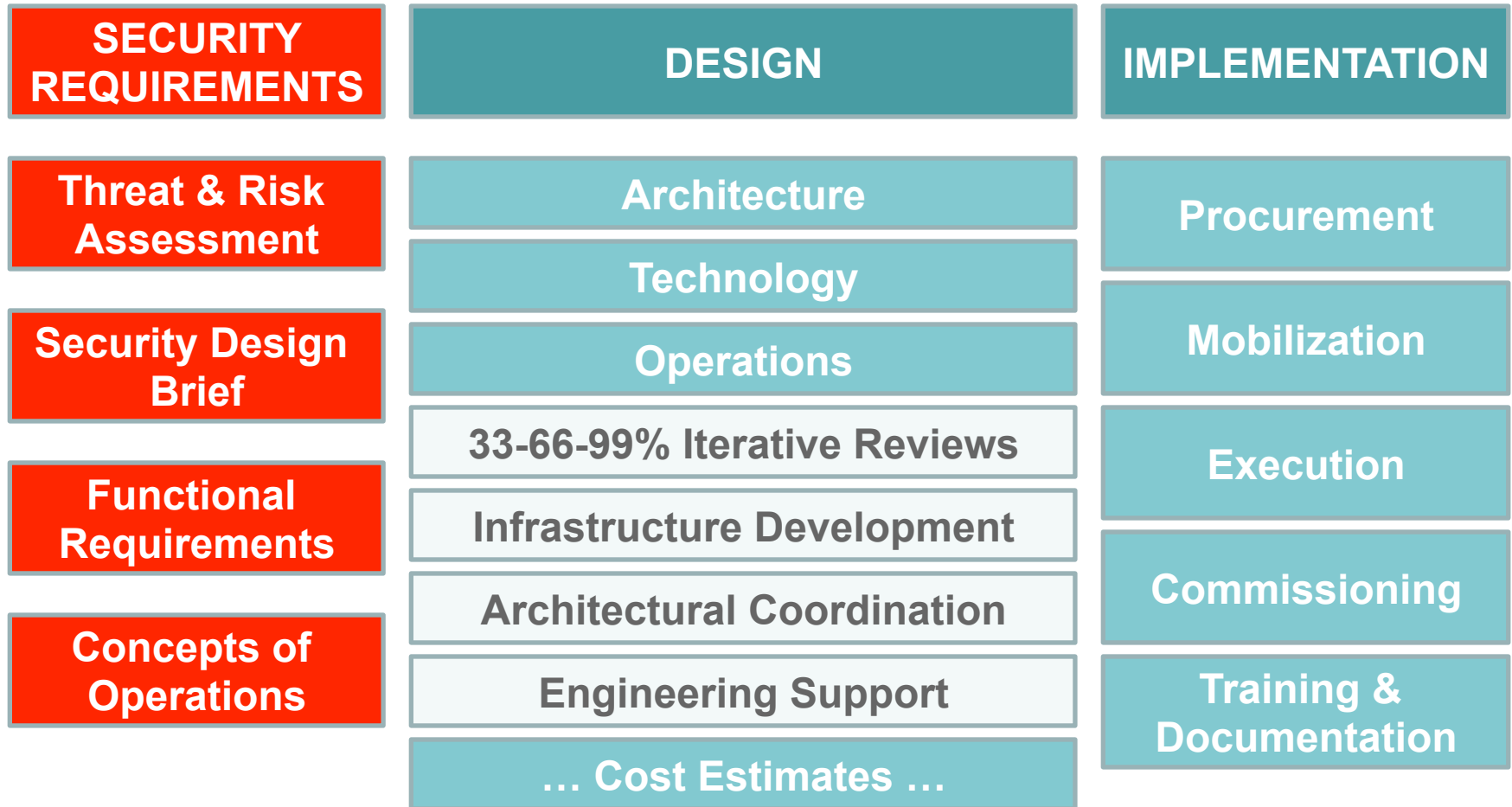
A Rich History in Security



- TRA/DBTA
- PSS
- NDSI
- NDSP
- Defence Security Manual
- Chapter 5



Security in the CCP Project Lifecycle

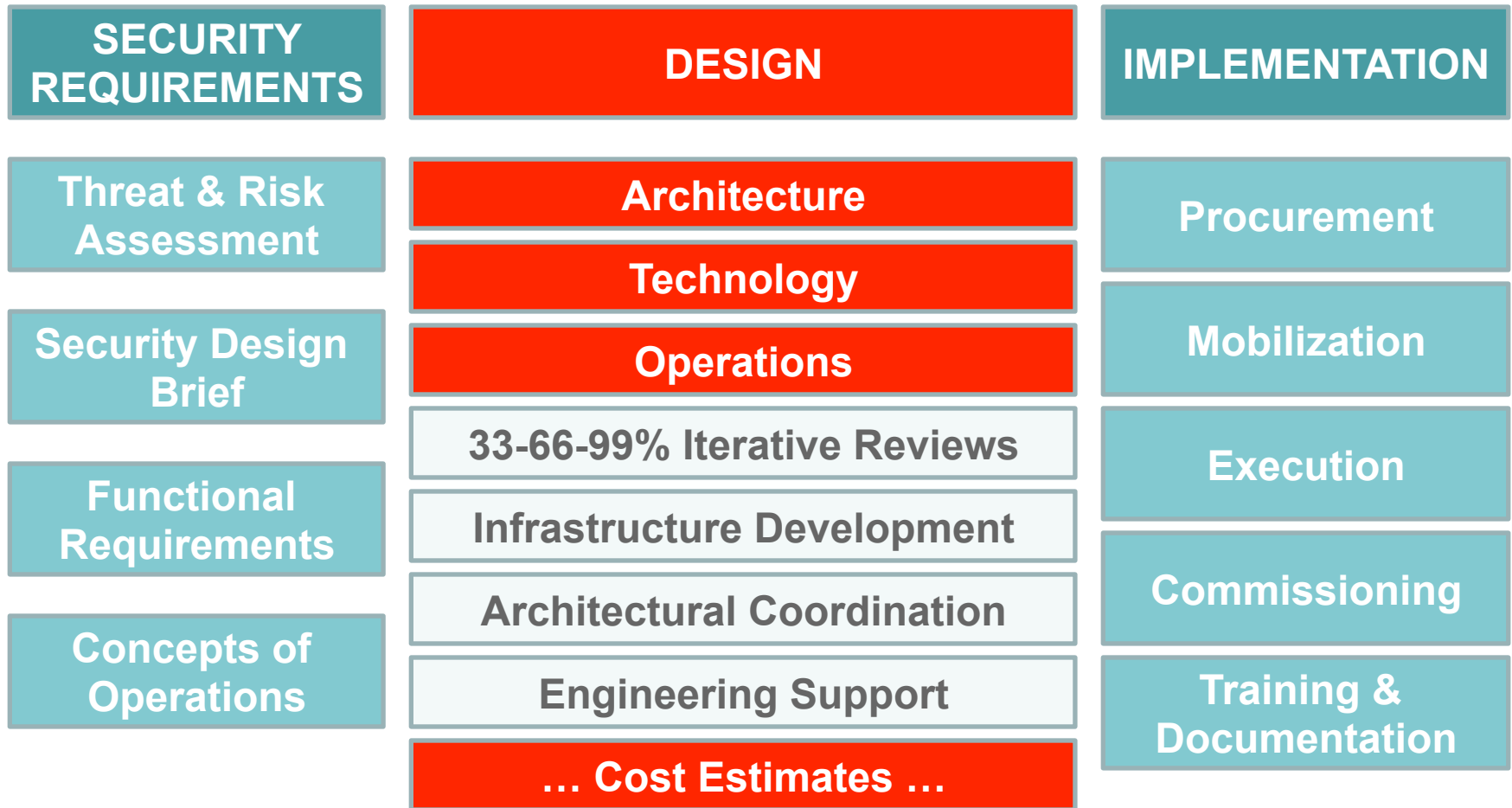


SECURITY PROJECT MANAGEMENT

- Charter, Budget, Schedule, Scope, Scale, Assumptions, Stakeholder RACI, Project Meetings, Construction Reviews, Status Updates



Security in the CCP Project Lifecycle



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Integrated Design Team

Own &
Operate



Défense nationale National Defence



Public Works and Government Services Canada

Canada
Shared Services Canada



Develop



Brookfield
Global Integrated Solutions

Design



LASHLEY+ASSOCIATES
LANDSCAPE ARCHITECTURE AND SITE ENGINEERING



Build





Security Mitigation Measures

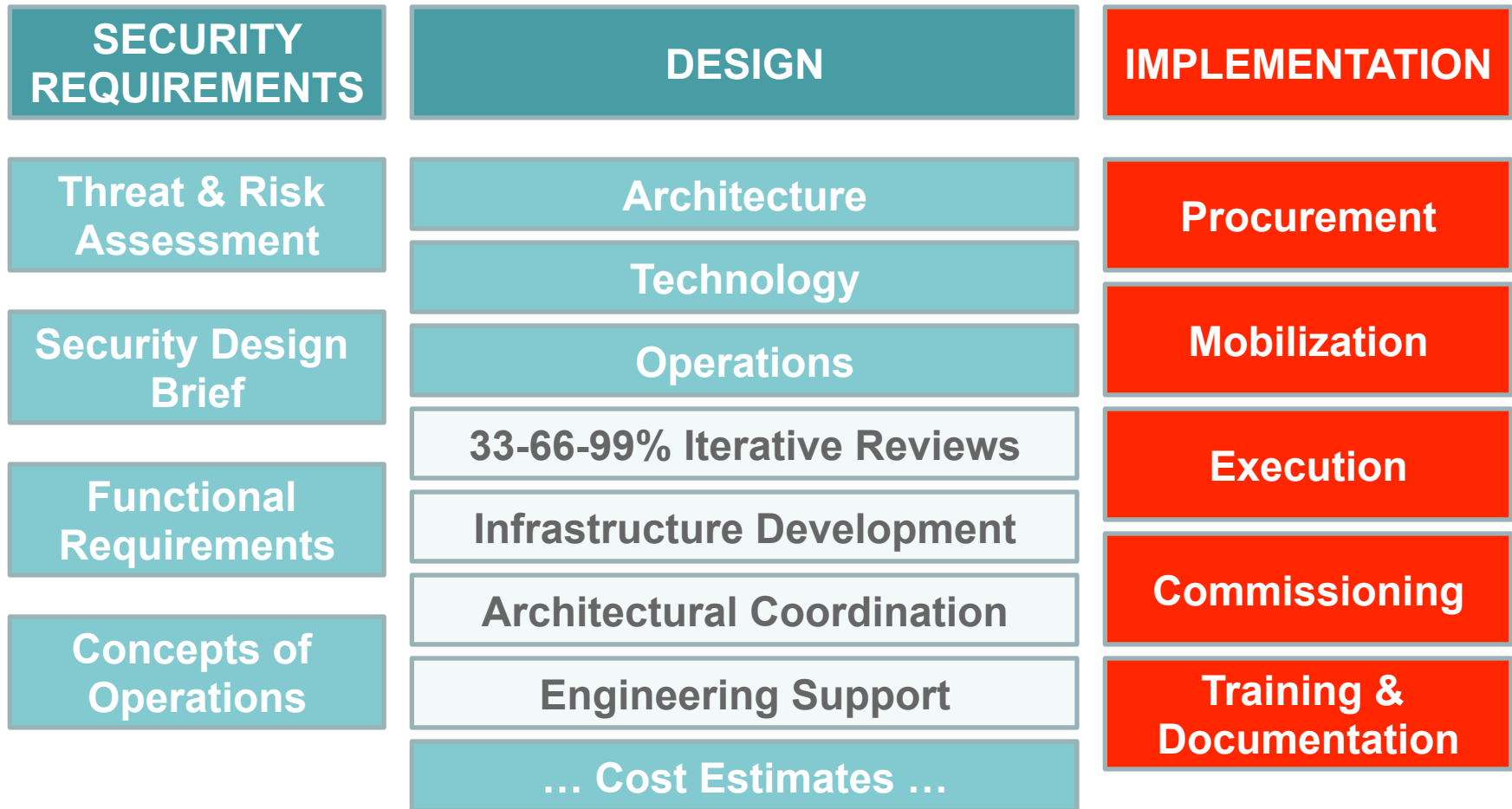


- Perimeter Fencing
- Video Surveillance
- Intrusion Alarm
- Access Control

Integrating the Physical with Technology



Security in the CCP Project Lifecycle



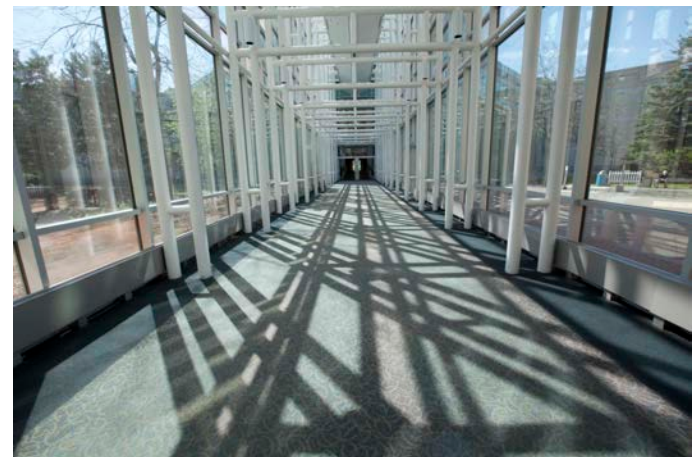
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National Defence Requirements

- Security
- Outer Perimeter Fence
- Security Perimeter Fence
- Guard Houses
- Access Control Points
- Hard and Soft Landscaping
- Entrance Feature
- Road Widening and Realignments
- Bus Access Route
- Traffic Demand Management





National Defence Requirements

- Storm Water Management
- Perimeter Intrusion Detection System
- Video Monitoring
- Site Lighting
- Sustainable Design
- NCC Federal Land-use Approvals
- Implementation of Interior Integrated Campus Masterplan
- Security Overlay
- Interior Design; Workplace 2.0
- Accessible Design
- Acoustic Engineering
- Special Purpose Space Design





Question and Answer Period

