The Design, Set-up and Management of a Crisis Management Training Centre

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Home Team Academy

Scope

- Introduction

- Design, Set-up of the Home Team Simulation System (HTS2)

- Conducting Exercises Using HTS2

- Learning Points
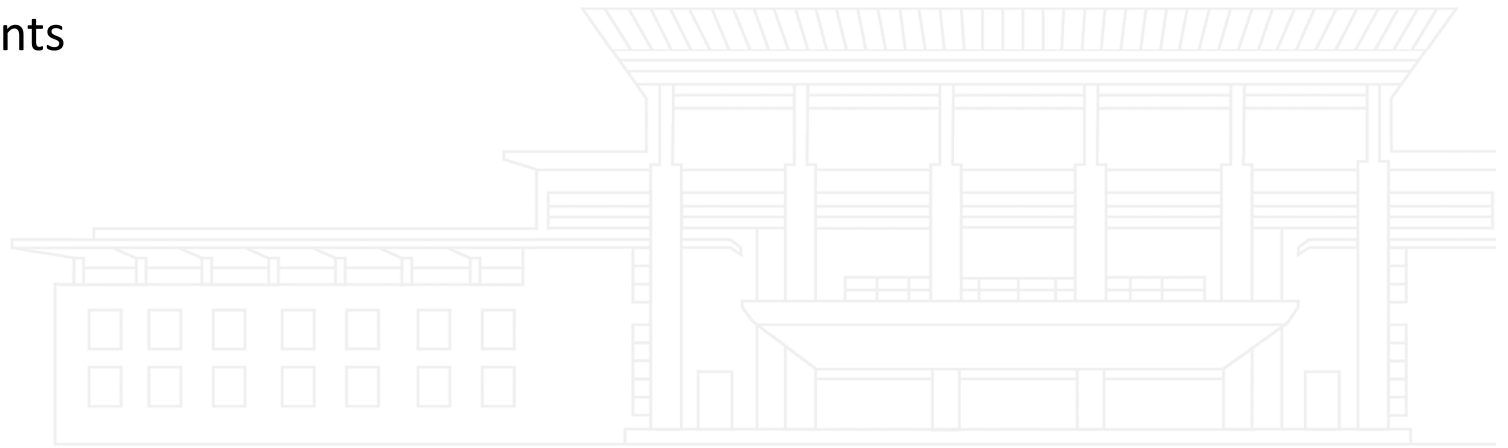
Introduction

One Home Team

- Singapore Police Force

- Internal Security Department

- Singapore Civil Defence Force

- Immigration & Checkpoints Authority of Singapore

- Singapore Prison Service

- Central Narcotics Bureau

- Home Team Academy

- Casino Regulatory Authority

- Singapore Corporation of Rehabilitative Enterprises

Introduction

Home Team Academy

Vision

A Leading Corporate University in Homefront Safety and Security

Mission

The Corporate University of the Home Team - Empowering Learning and Growth. Enabling a United and Successful Home Team.
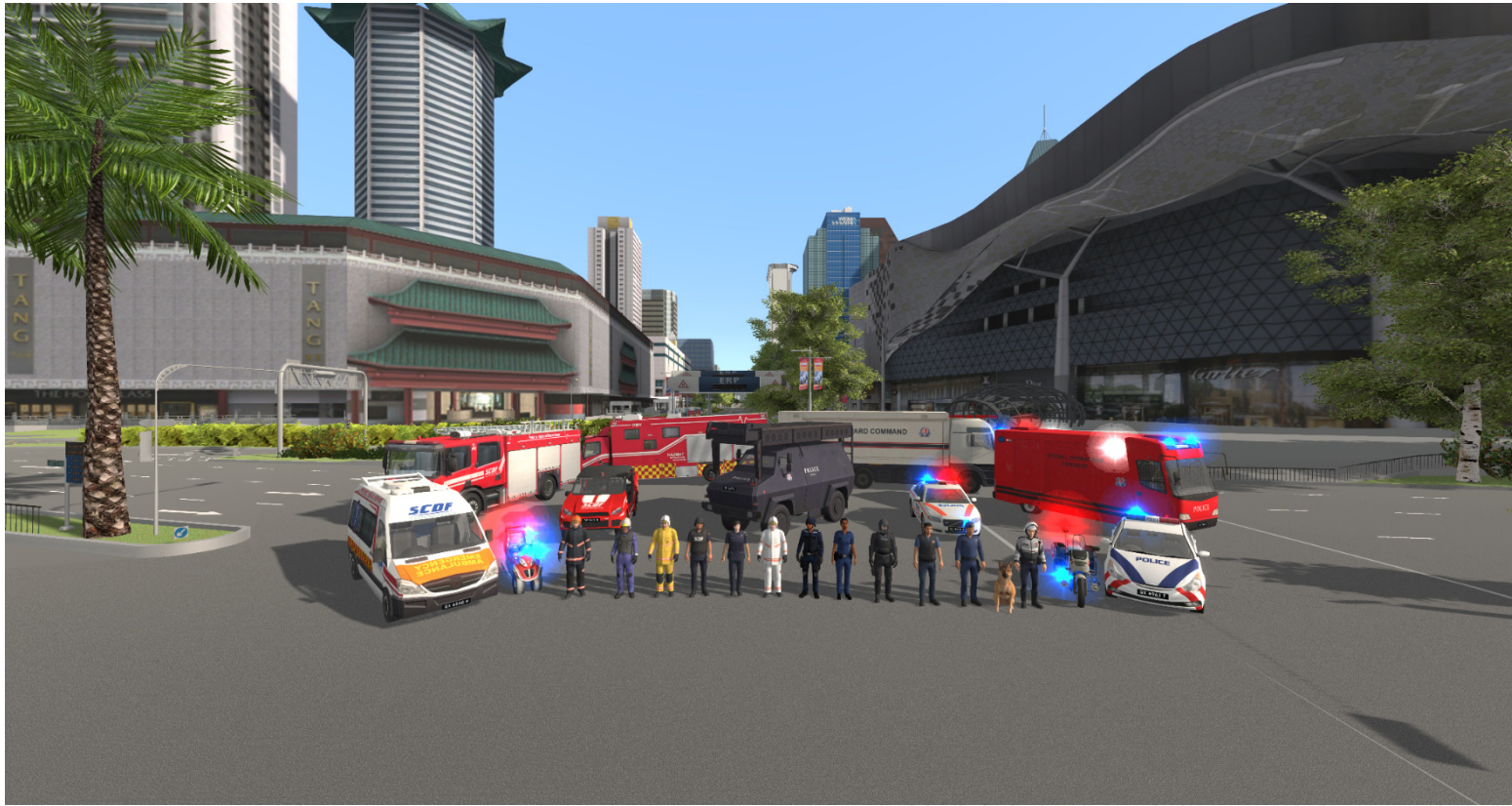
Design, Set-up of the Home Team Simulation System

Design, Set-up of the Home Team Simulation System

- Provides training for commanders in incident management and operational decision making in a command post under realistic operating environments.

Realistic 3D environment

Mimic Command Post setup

Joint Training

Design, Set-up of the Home Team Simulation System

Home Team commanders use multiplayer game-like simulation to train handling of emergencies

Minister for Home Affairs and Law K Shanmugam (far left), observes a training for on-site officers at the Home Team Simulation Centre.

TODAY 210518

Launched by Mr K Shanmugam, Minister for Home Affairs on 21 May 2018 at the Home Team Academy's Workplan Seminar

Design, Set-up of the Home Team Simulation System

System

System Functionalities

People

People Capabilities

Infrastructure

Infrastructure Flexibilities

Design, Set-up of the Home Team Simulation System
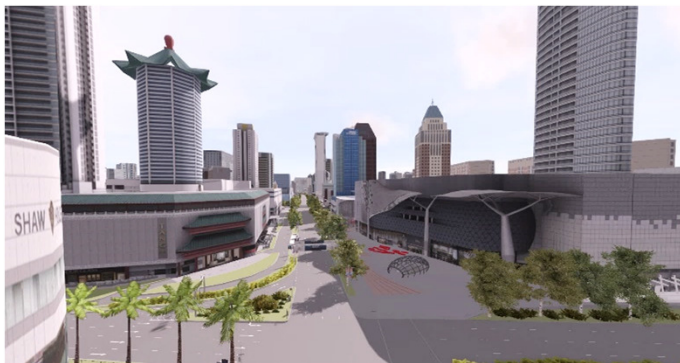
System
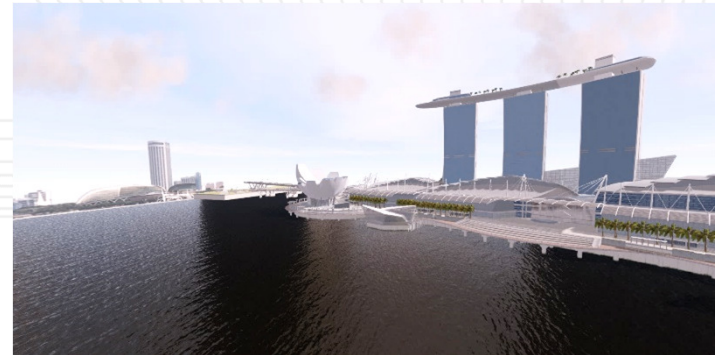
- Realistic Environments

Cultural District

Residential Heartlands

Shopping Belt

Business District

Design, Set-up of the Home Team Simulation System

System

- Dynamic Scenarios

Exercise Scenarios
Hazmat Incidents
Fire/Civil Emergencies
Public Order Incidents
Hostage Incidents
Bomb Threat Incidents
Terror Attack Incidents
Major Security Events

Security Incident: Drones

Civil Emergency: Fire/Building Collapse

Public Order Incident: Protestors Blocking VVIP Motorcade

Design, Set-up of the Home Team Simulation System

System

- Mimic a Command Post

Simulated CCTV on Video Wall

Simulated News Broadcast

Crisis Information Management System

Radio Comms
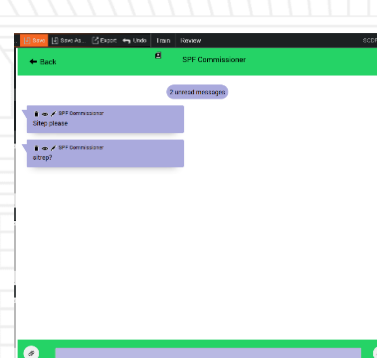
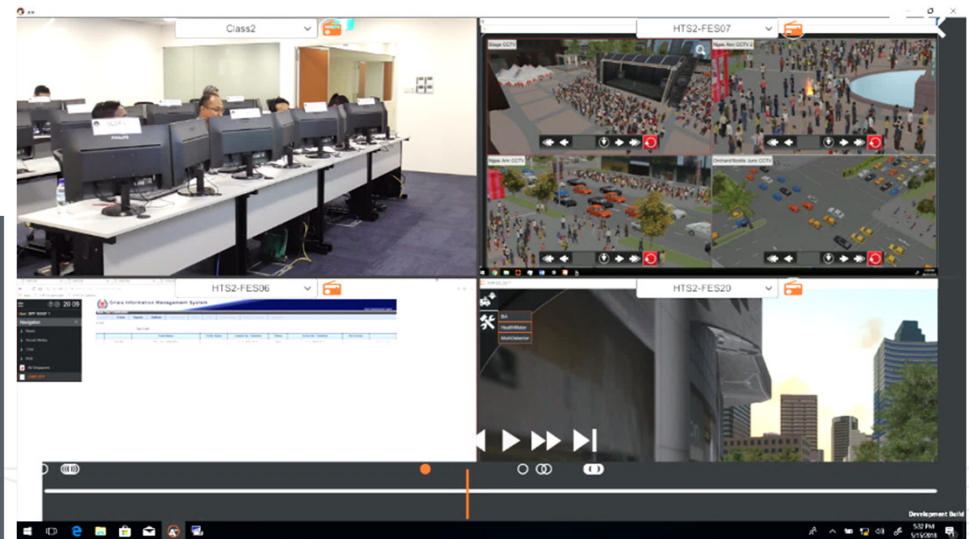**Messaging Apps**

Social Media

Design, Set-up of the Home Team Simulation System

System

- Comprehensive After Action Review

Bookmarks at key decision points

Playback of participants' screens

Design, Set-up of the Home Team Simulation System
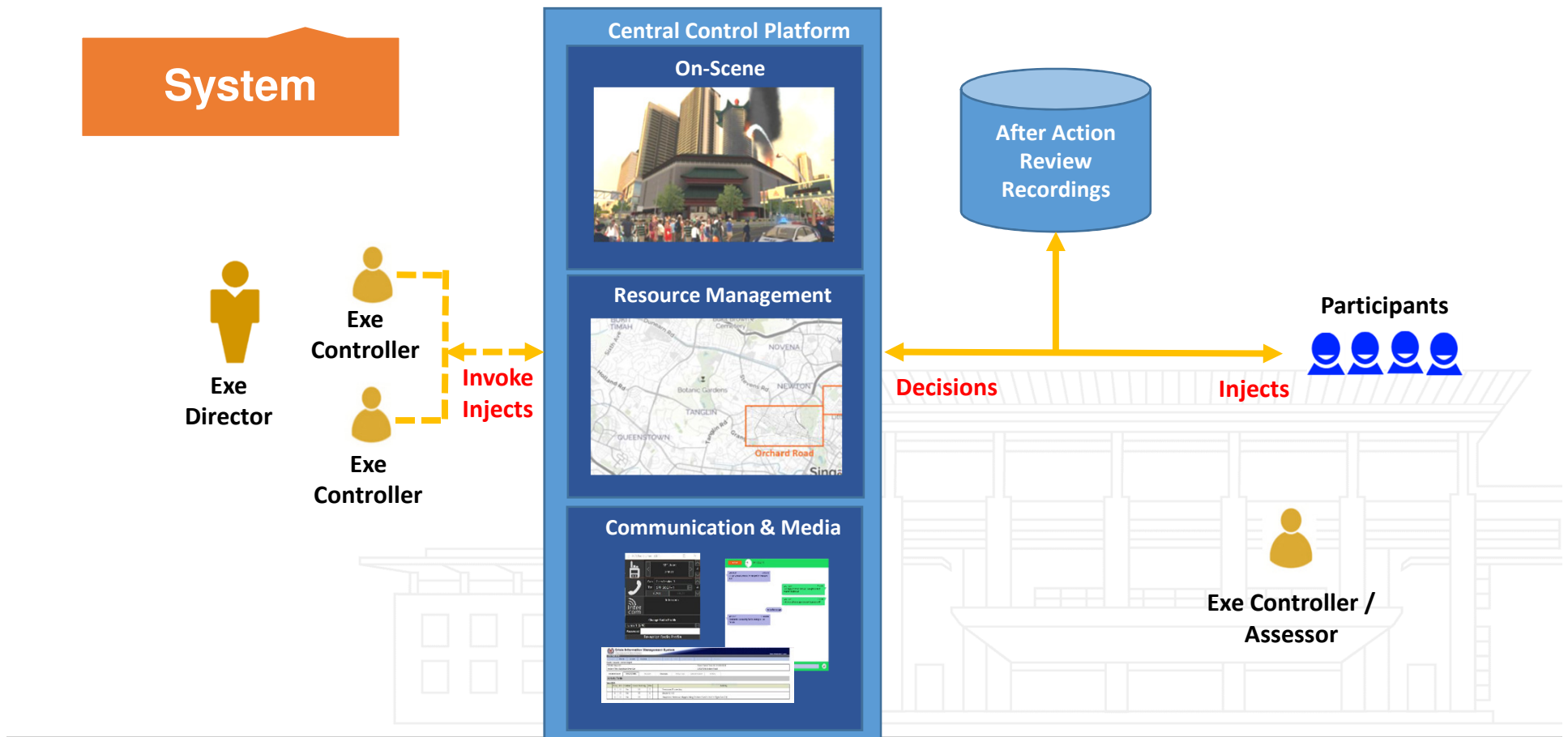
System

- Multi-level exercises

Higher HQ / Division Command Post

Forward Command Post

First Responder (On Scene)

Design, Set-up of the Home Team Simulation System

System

Central Control Platform

On-Scene

After Action Review Recordings

Exe Controller

Exe Director

Exe Controller

Invoke Injects

Resource Management

Participants

Decisions

Injects

Communication & Media

Exe Controller / Assessor

Design, Set-up of the Home Team Simulation System

Infrastructure

27m

16m

Home Team Simulation Centre

Design, Set-up of the Home Team Simulation System

Infrastructure

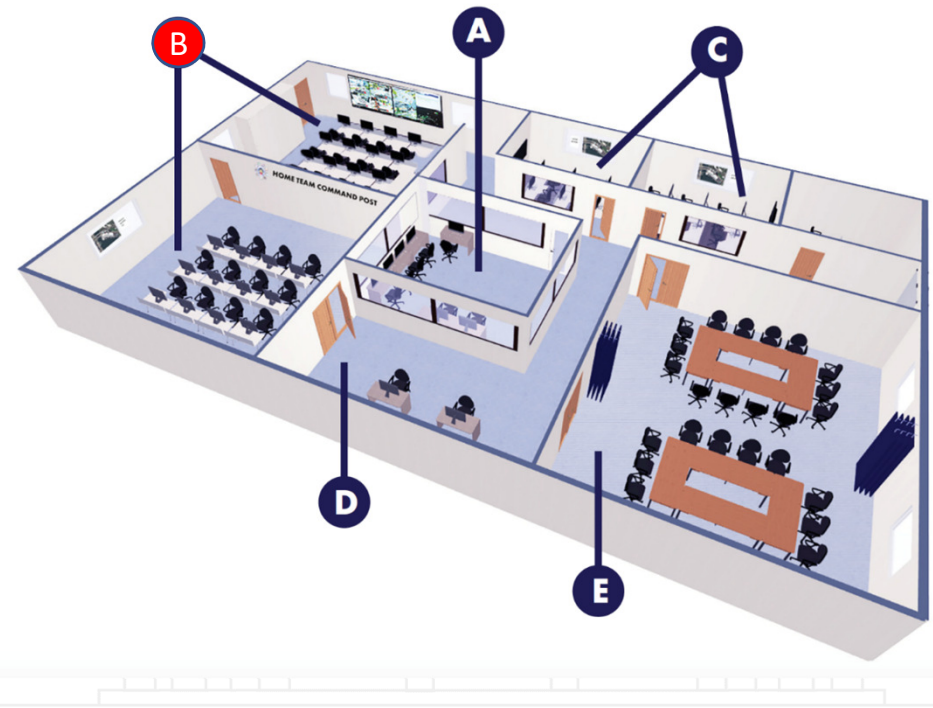**A** **Control Room**: Nerve centre of HTSC where exercise scenarios and injects are initiated. Position provides 360º view of entire centre
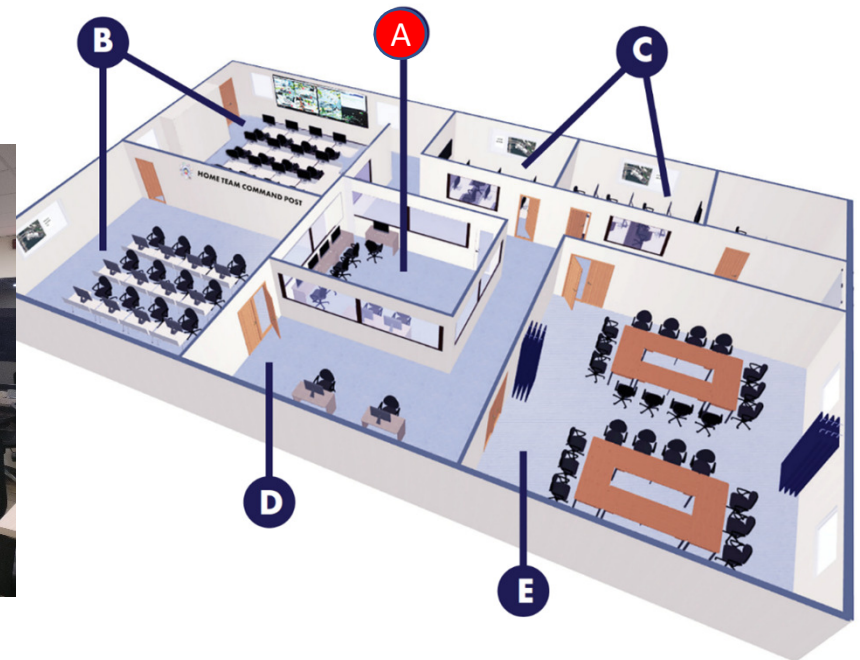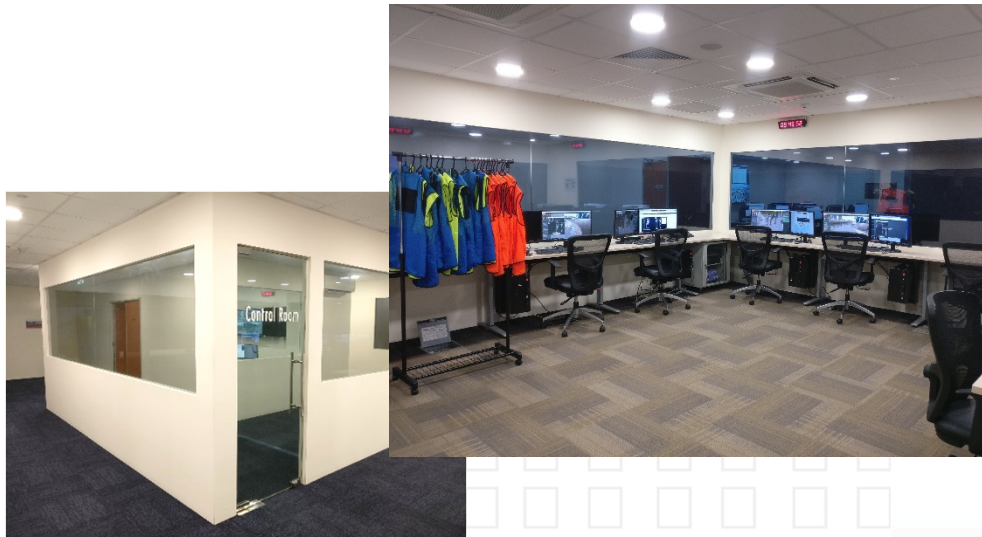
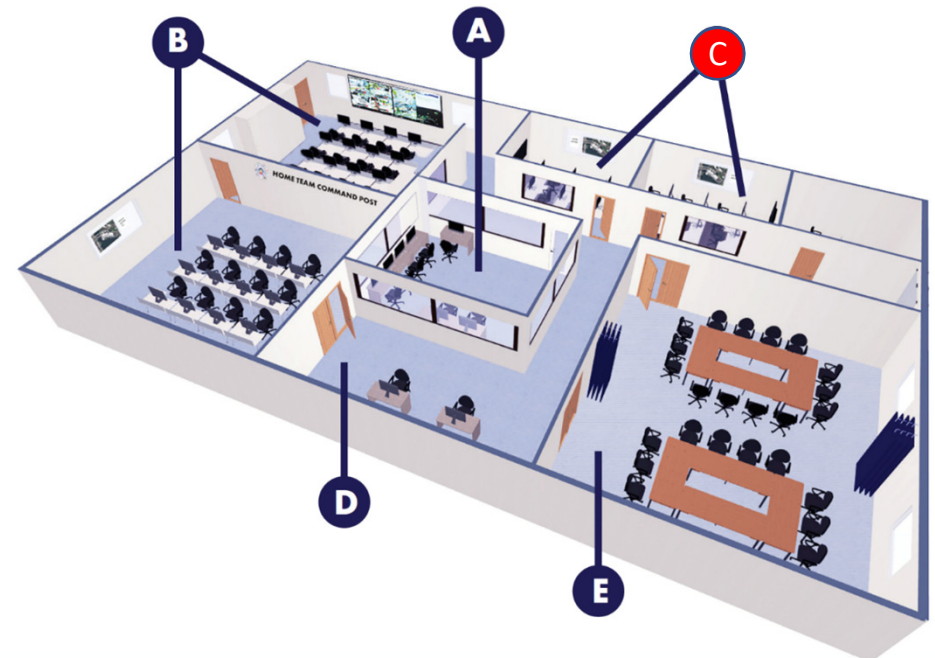# Design, Set-up of the Home Team Simulation System

Infrastructure

B **Main Command Posts**: Modelled after actual command posts with video walls and communications systems

Design, Set-up of the Home Team Simulation System

Infrastructure

C **Forward Command Posts**: Mimics forward command posts at incident sites. Facilitates multiple tiers of command to be exercised

Design, Set-up of the Home Team Simulation System

Infrastructure

D **On-Scene Pods**: Allows participants to walk through simulated area of operations and manage incidents at frontline
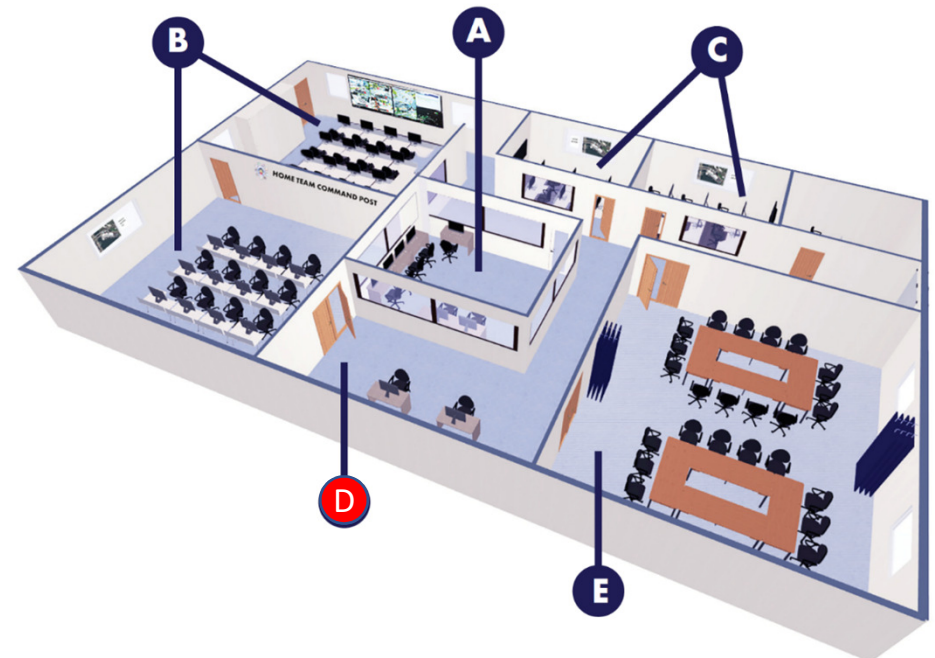
Design, Set-up of the Home Team Simulation System

Infrastructure

E **Discussion/AAR Room:** Captures all actions and communications by participants for review of actions and decisions
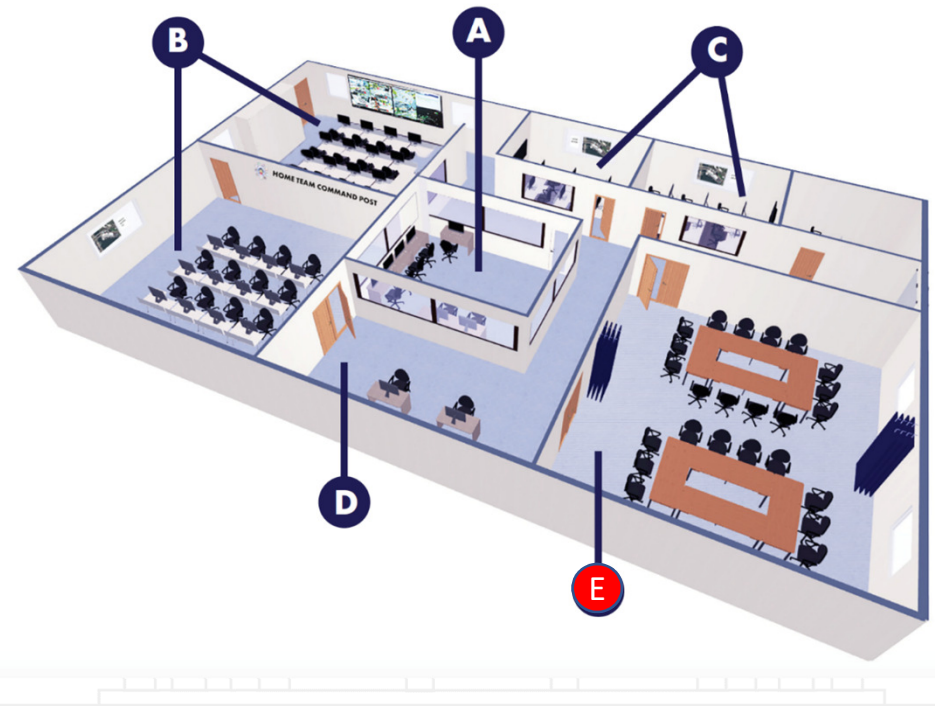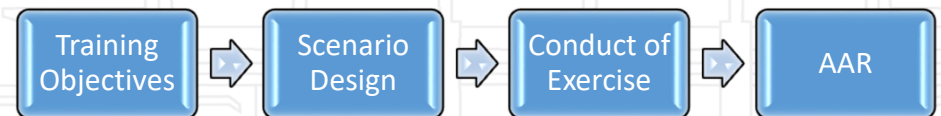
Design, Set-up of the Home Team Simulation System

People

- Instructor / Operator Course

  - Training Objectives

  - Scenario Design

  - Conducting Exercise

  - Learning and Reflection - AAR

Instructor Course Sept 2018

Training Objectives	→	Scenario Design	→	Conduct of Exercise	→	AAR

Design, Set-up of the Home Team Simulation System

People

- System Support

  - Create the Scenarios

  - Configure and Setup System

  - Operate the system
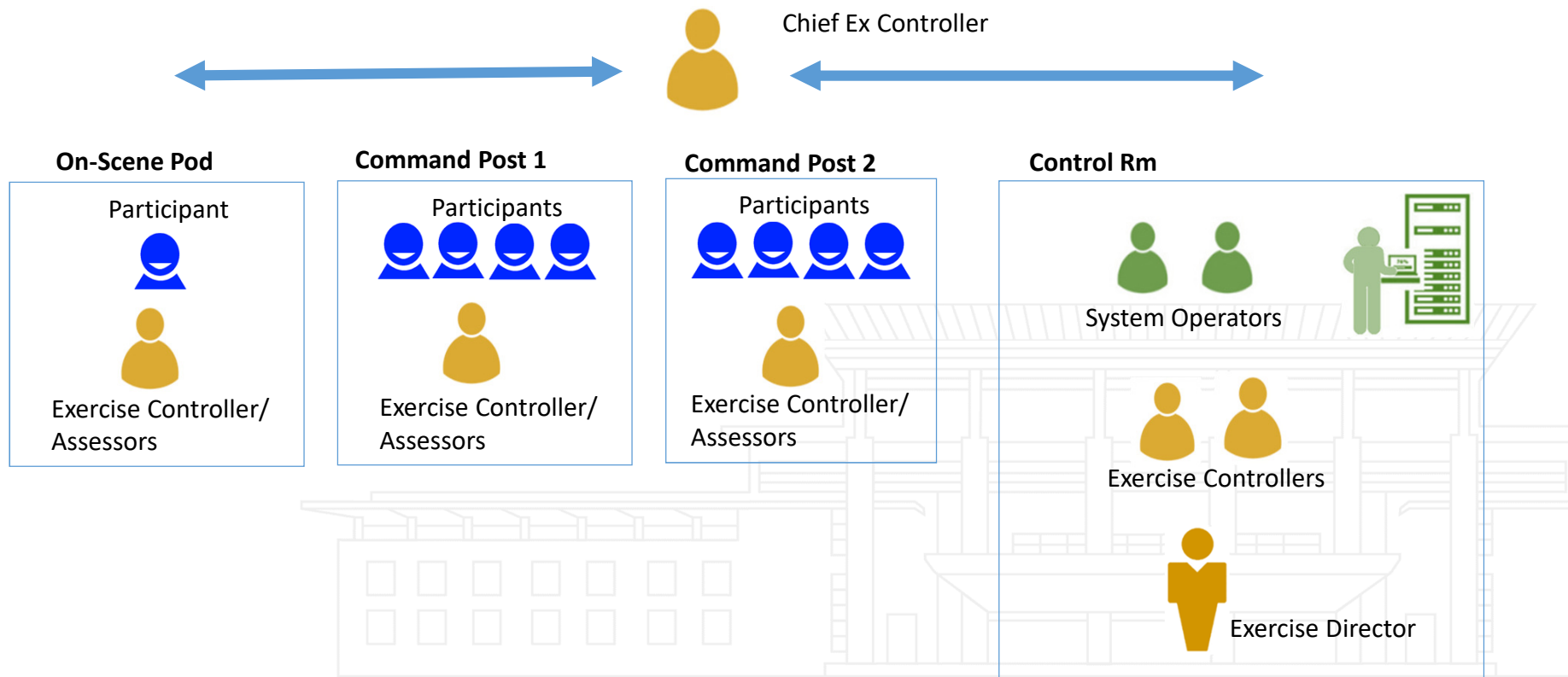

System Operator Support in Control Room

Conducting Exercises Using HTS2

Chief Ex Controller

On-Scene Pod
Participant
Exercise Controller/ Assessors

Command Post 1
Participants
Exercise Controller/ Assessors

Command Post 2
Participants
Exercise Controller/ Assessors

Control Rm
System Operators
Exercise Controllers
Exercise Director

Learning Points

System

- Scalable
  - Ability to meet future needs
- Scenarios Adaptability
- Virtual Reality
- Satellite Sites

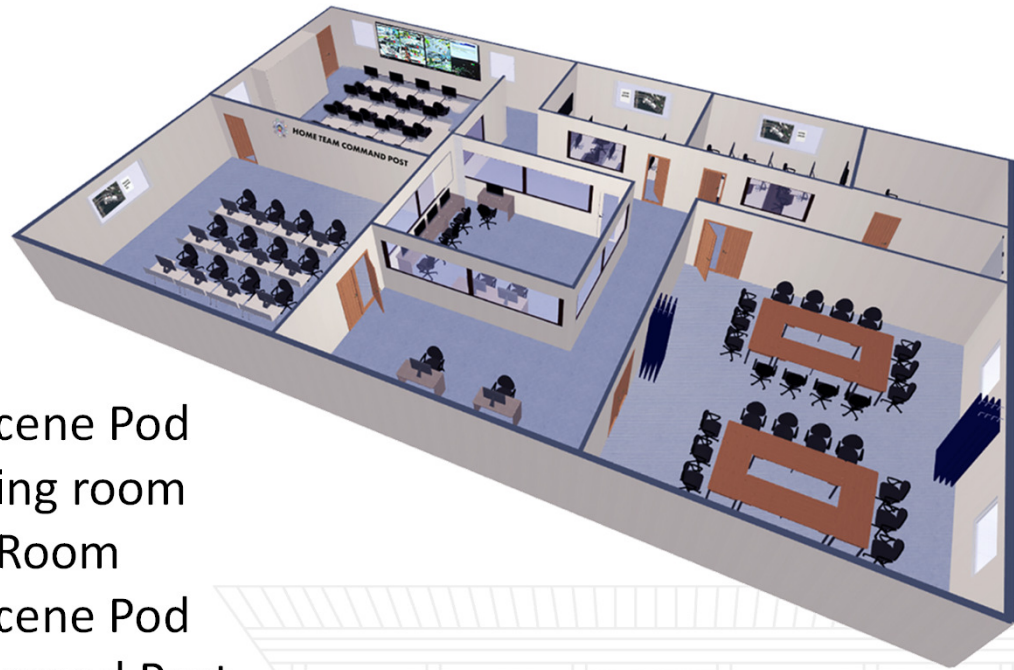# Learning Points

Infrastructure

- Maximum Flexibility
    - Command Post ➡ On-scene Pod
    - Command Post ➡ Briefing room
    - Command Post ➡ AAR Room
    - Briefing room ➡ On-scene Pod
    - Briefing room ➡ Command Post
    - Briefing room ➡ AAR Room

- Devils in the details
    - Connectivity: Data points
    - Lightings

Learning Points

People

- Initial Phase

    - Engage the Stakeholders

- Sustainability

    - Training Simulation Management Committee

    - Communities Of Practices

    - Shared Trainers
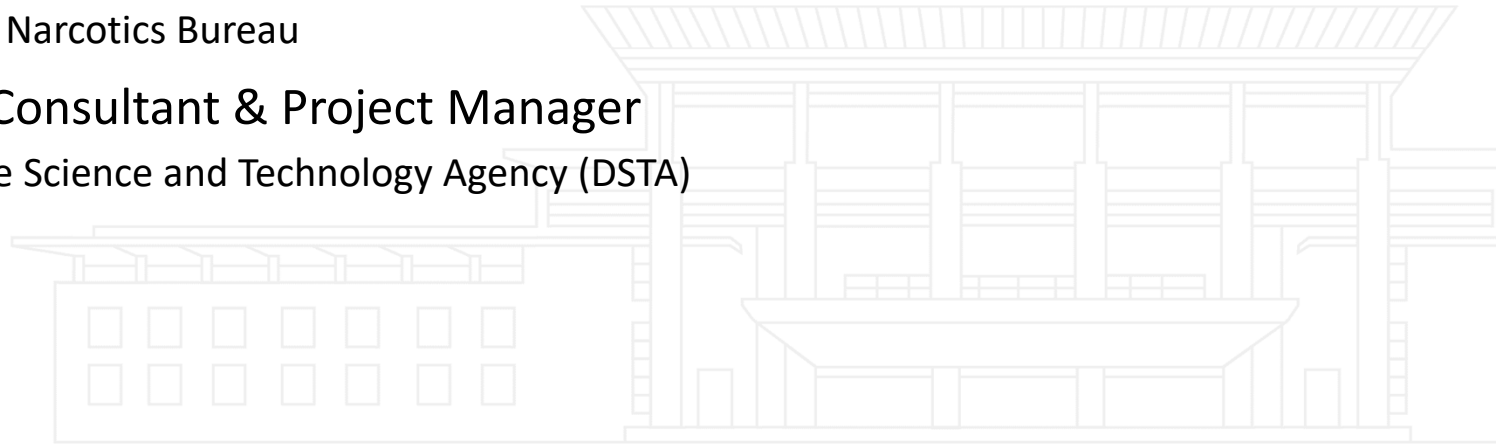
Acknowledgement

- HTA

- Home Team Departments
  - Singapore Police Force
  - Singapore Civil Defence Force
  - Immigration & Checkpoints Authority of Singapore
  - Singapore Prison Service
  - Central Narcotics Bureau

- Technical Consultant & Project Manager
  - Defence Science and Technology Agency (DSTA)

Thank You