



Department of Health  
Department of Treasury



# Perth Children's Hospital Project

## Integrated Master Program (IMP) An Introduction

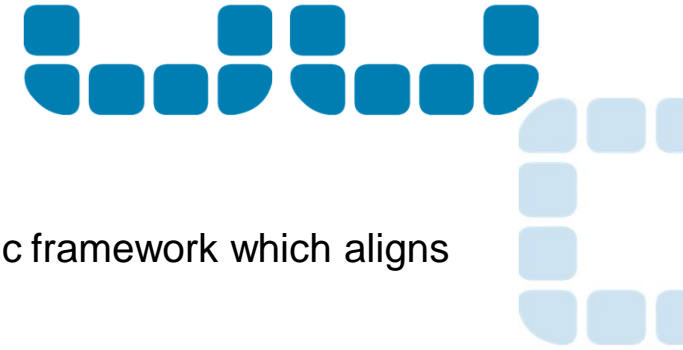
Project Quality Assurance Forum (PQAF)  
28 August 2017





## Overview

- “ IMP Scope and Role
- “ IMP Technology Platform
- “ IMP Core Processes
- “ Typical Strategic Logic



## Scope and Role of IMP Strategic Management Framework

- “ The Integrated Master Program (IMP) provides the overarching strategic framework which aligns stakeholders and integrates activities within three principal programs:
  - Managing Contractor (MC) Construction
  - Strategic Projects and Asset Sales (SP&AS) Building Commissioning
  - PCH Transition Program
- “ Its primary role is to provide a strategic management capability to executive leadership
- “ The IMP Team works with stakeholders to identify a series of Critical Milestones within all three programs
- “ The IMP Team then identify the strategic logic (a series of dependencies and programming relationships) between the Critical Milestones or related tasks. This integration is included in the IMP.
- “ The data is compiled in a transparent and traceable manner following agreement with relevant Project Managers and Directors.
- “ Assuming introduction of a disciplined status reporting process, analysis of the Critical Milestones identifies the originating or driving activities contributing to delays or programming conflicts. These may be traced within one or potentially over a series of project plans.
- “ From there it is possible to develop strategic program. level advice as to mitigations or interventions to address the issues.



## **PCH Project Consists of Three Core Programs**

**Each core program consists of a series of projects**

**There are significant dependencies between projects, any combination of which has the ability to impact overall completion of the PCH Project**

### **MC Construction Completion Works Program (CWP)**

- “ MEP Commissioning
- “ MC . ICT Commissioning Program
- “ FFE Procurement Plan

### **SP&AS Building Commissioning Programs**

- “ Soft Commissioning Plan ( SCP) ( State Acceptance of MEP)
- “ FFE Deployment Plan
- “ Room Acceptance Plan ( RAP)

### **Transition Program (57 Project Plans)**

- “ OCR Clinical
- “ Support Services
- “ PCH . ICT
- “ Workforce Transition
- “ New PCH
- “ Corporate and Facilities Management
- “ Operational Readiness

# IMP Technology Platform



## Created in 'Primavera'

- “ High-performance program management software
- “ Specifically designed for large-scale, multi-faceted projects

## Key Features

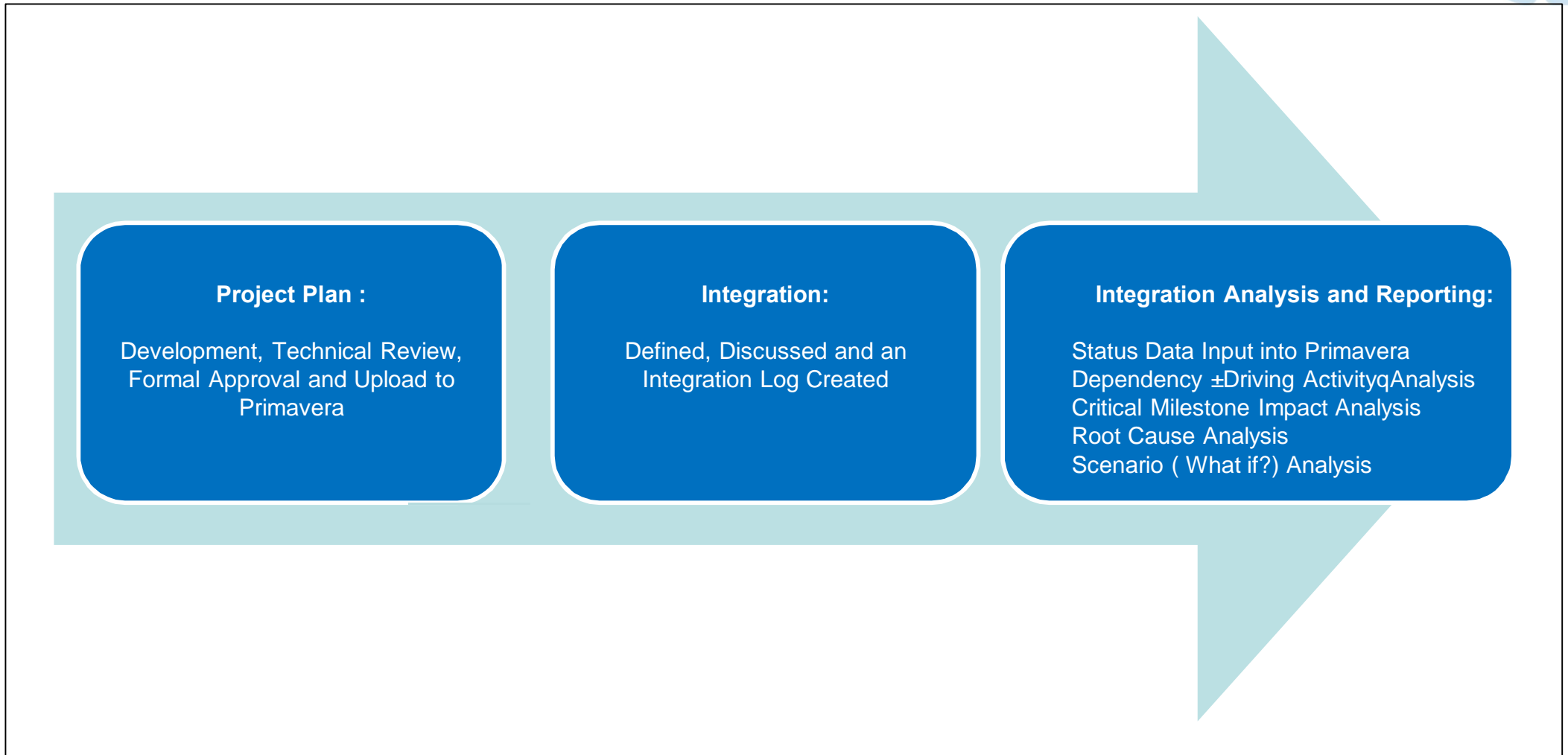
- “ Establishes a baseline for the entire project
- “ Plan, track progress and visualise project performance against a baseline
- “ Identifies source and nature of potential conflicts or impacts across multiple projects
- “ Primary, secondary and tertiary level drivers of any milestone or deliverable can be identified
- “ Root Cause Analysis and Mitigation
- “ Scenario ( What if ?) Analysis

## Scale of Content (Total Line Items)

	As at 31 July 2015	As At 21 July 2016
ODP/CWP	17,156	6,058
Building Commissioning	13,265	16,713
Transition	14,112	15,661
<b>Totals</b>	<b>44,533</b>	<b>38,432</b>

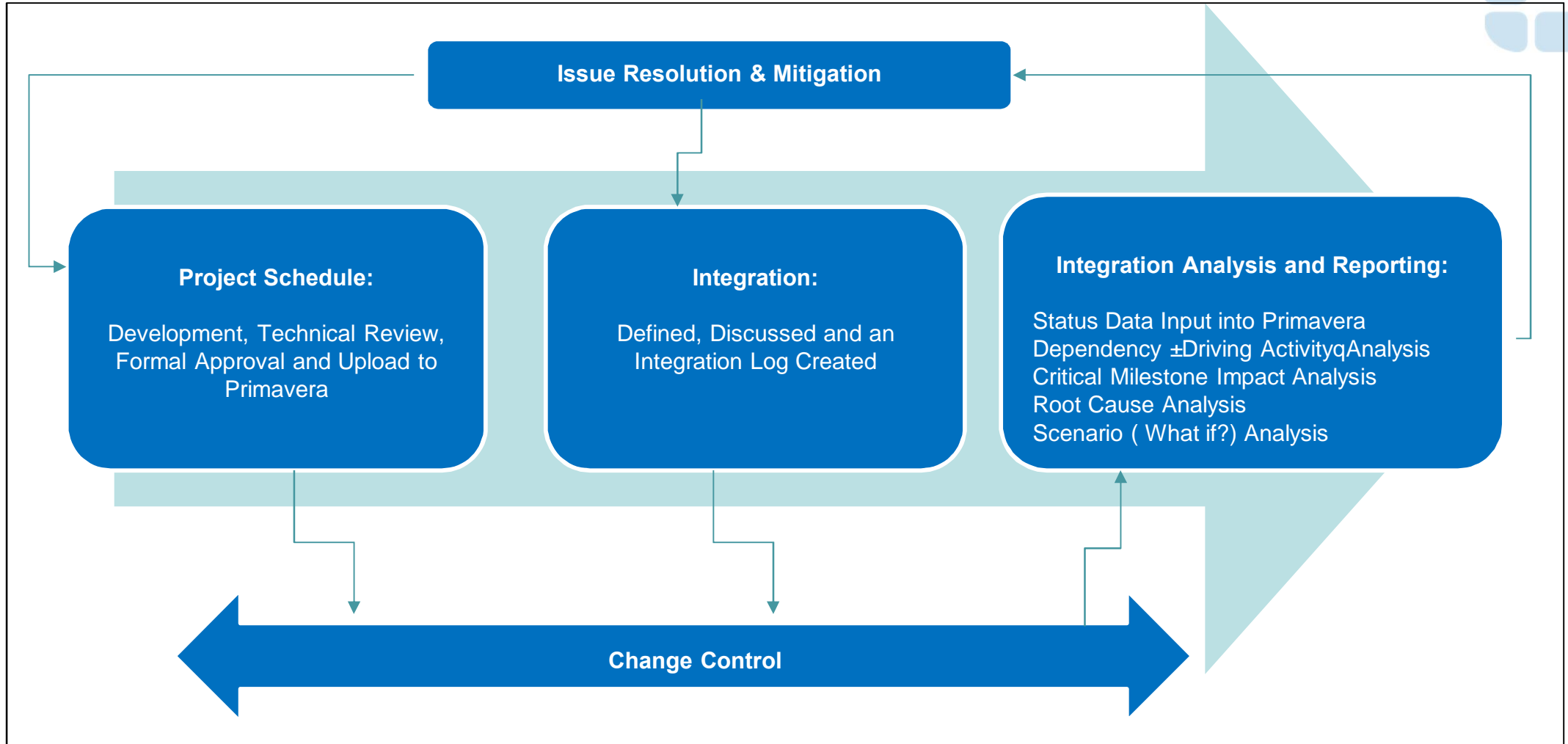
## IMP Core Processes

### Plan Development, Integration and Analysis

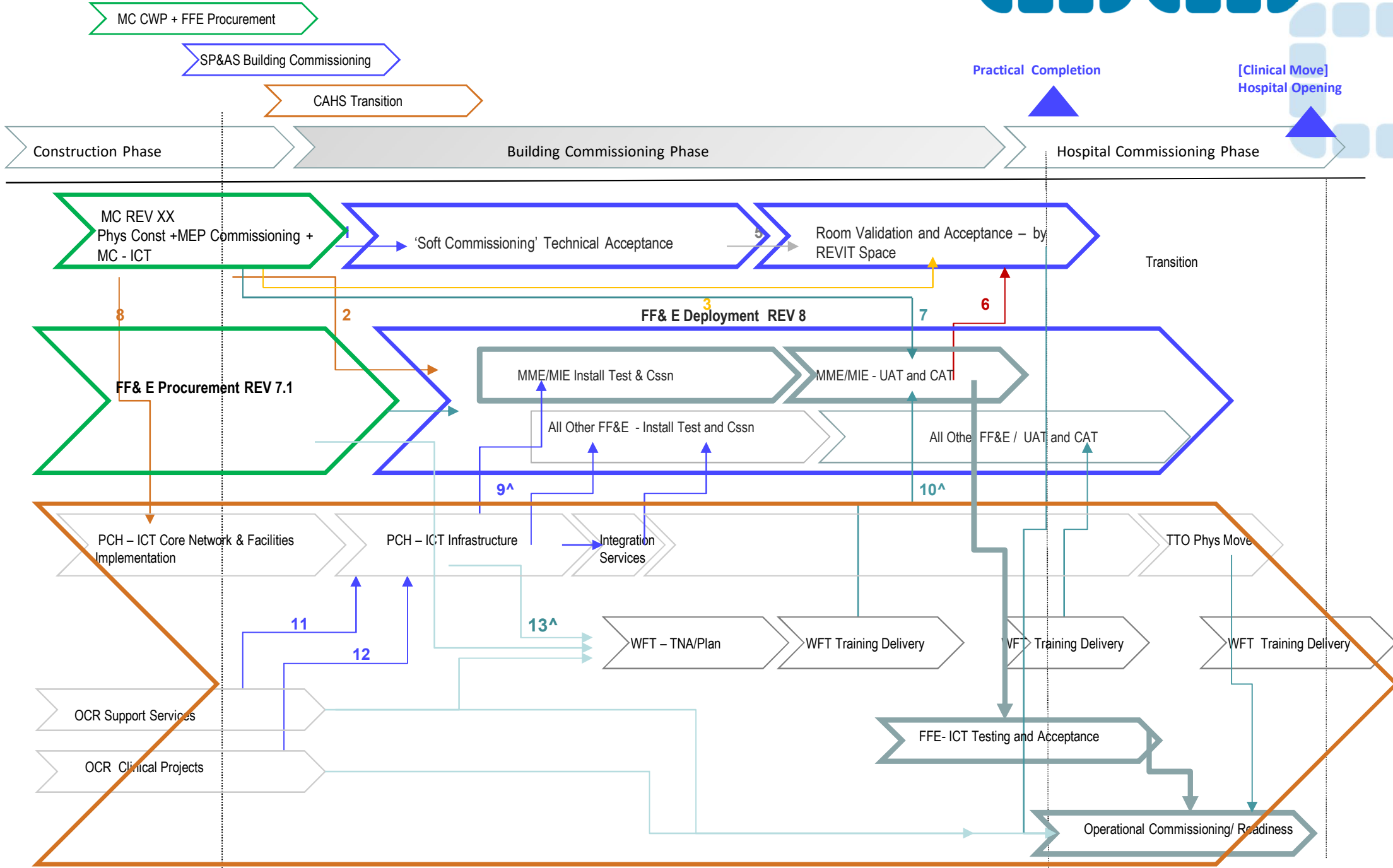


# IMP Overall Processes

'Issue Resolution & Mitigation' and 'Change Control' Processes are introduced



# PCH Project - Three Core Programs





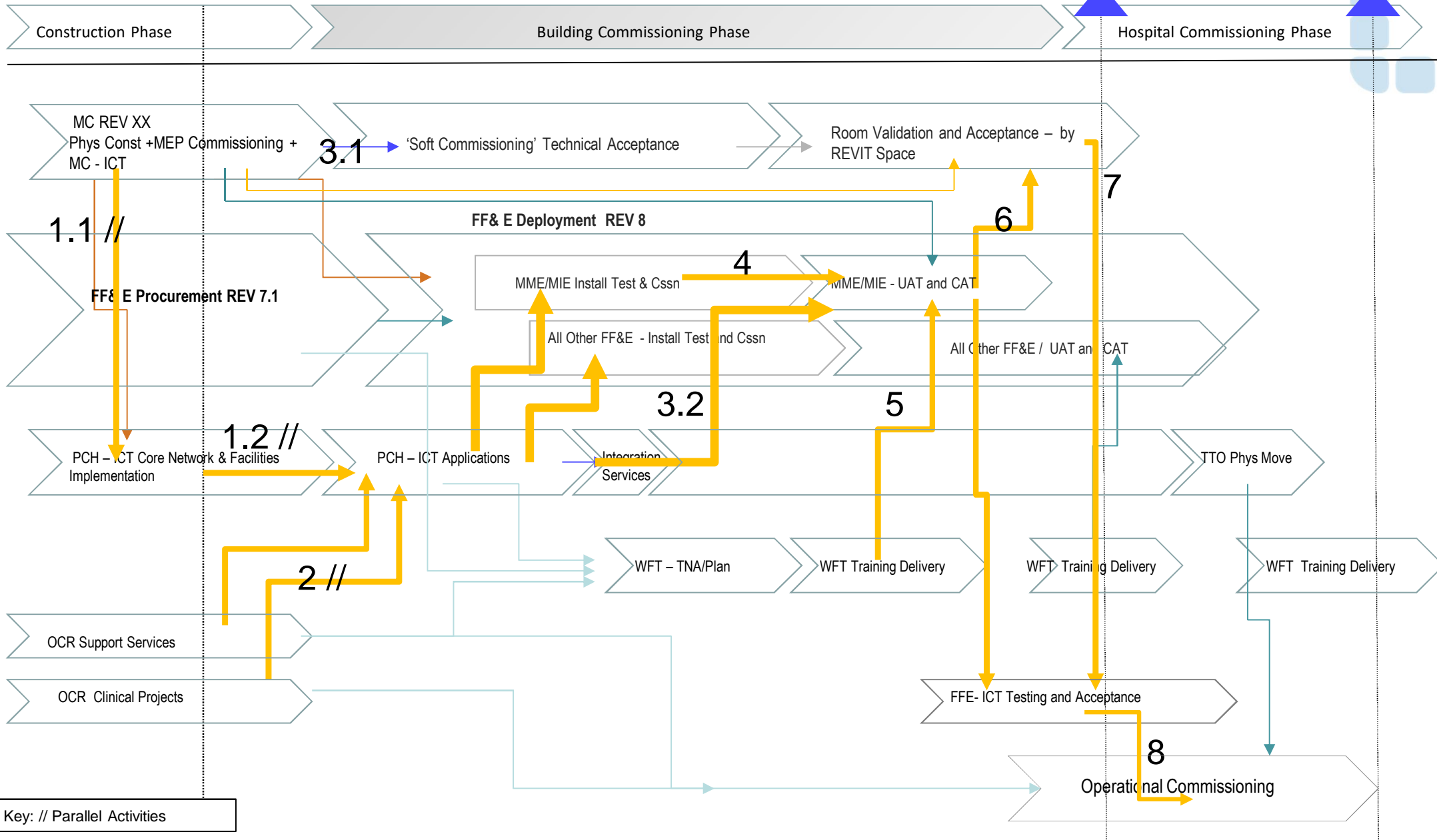
# IMP Typical Strategic Logic

## MC Construction ( MEP + MC - ICT) + SPAS Building Comm'g + Transition



Practical Completion

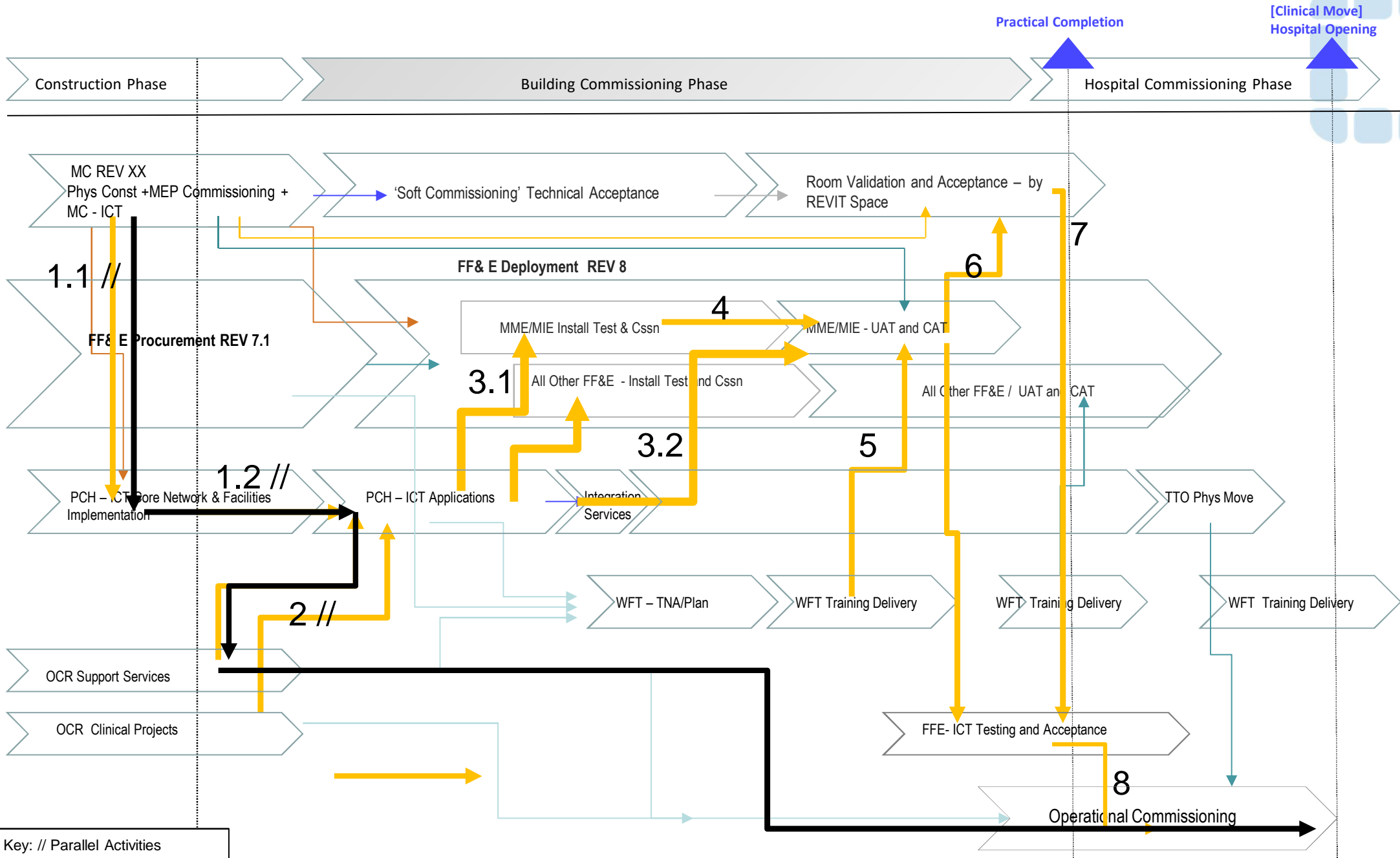
[Clinical Move]  
Hospital Opening



Key: // Parallel Activities

# IMP Integration Example

## Construction + PCH – ICT + Support Services BOH + Patient Food Services



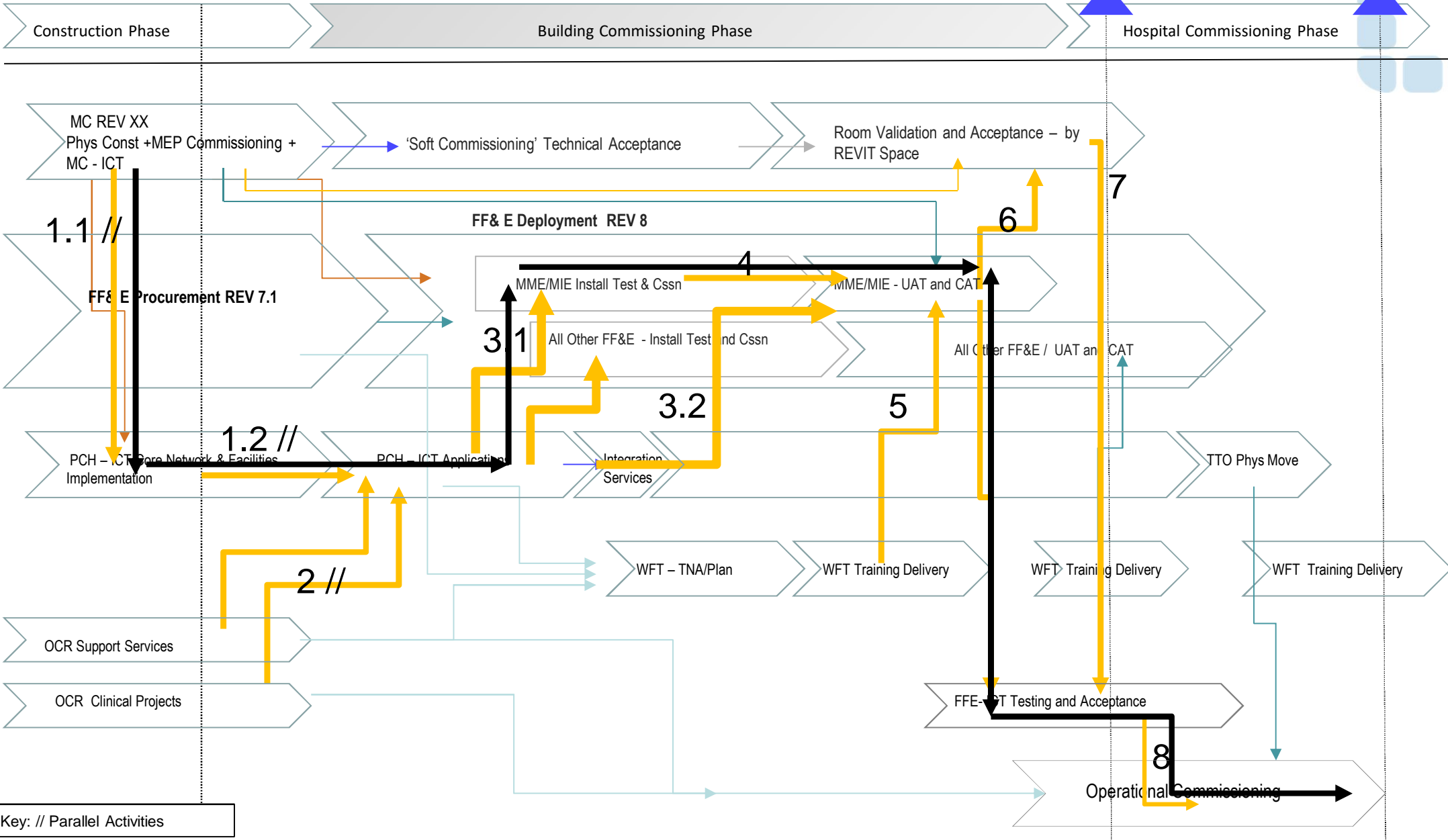
# IMP Integration Example

## Construction + Core Network + FFE Deployment + FFE ICT + Op Readiness



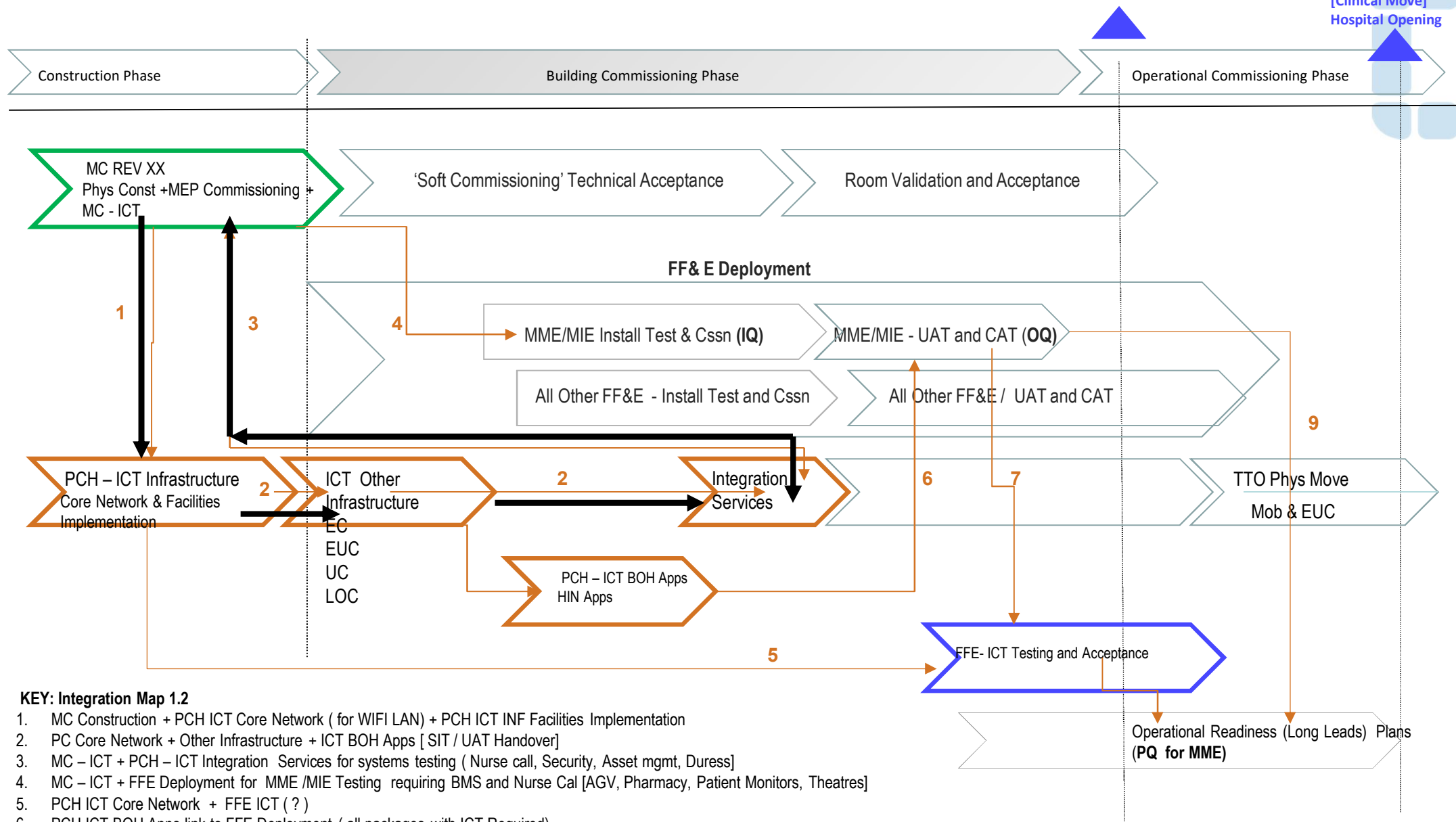
Practical Completion

[Clinical Move]  
Hospital Opening



# IMP Integration Example

MC ICT+ MEP Commg + PCH ICT Systems and Apps + FFE ICT + Ops Readiness



## KEY: Integration Map 1.2

1. MC Construction + PCH ICT Core Network ( for WIFI LAN) + PCH ICT INF Facilities Implementation
2. PC Core Network + Other Infrastructure + ICT BOH Apps [ SIT / UAT Handover]
3. MC - ICT + PCH - ICT Integration Services for systems testing ( Nurse call, Security, Asset mgmt, Duress]
4. MC - ICT + FFE Deployment for MME /MIE Testing requiring BMS and Nurse Cal [AGV, Pharmacy, Patient Monitors, Theatres]
5. PCH ICT Core Network + FFE ICT ( ? )
6. PCH ICT BOH Apps link to FFE Deployment ( all packages with ICT Required)
7. FFE ICT + FFE Deployment ( MME Packages S1 + S2 Integrated Commissioning - IQ and OQ)
8. MC - ICT + Operational Commissioning for FFE requiring BMS and Nurse Call [ Not shown in diagram ]
9. FFE Deployment - OQ leads to PQ ( integrated testing) within the relevant Ops Commissioning project plans

**Questions?**

