

Lunch & Learn

MN-CMS Disaster Recovery Test



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Date: 11/12/2020

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Building a
Better Health
Service

Agenda



- MN-CMS Overview
- Disaster Recovery
 - Reasons
 - Definition
 - Scope
 - Stakeholders & Communication
 - Sequence of Events
 - Data centre overview
 - Lessons Learned
 - Overview
- Questions

MN-CMS Overview



- Maternal and Newborn Clinical Management System is the electronic health record for women and babies in Ireland
- Phase 1 – Live in 4 of 19 maternity hospitals in Ireland
 - Cork University Maternity Hospital
 - University Hospital Kerry
 - The Rotunda Hospital
 - The National Maternity Hospital

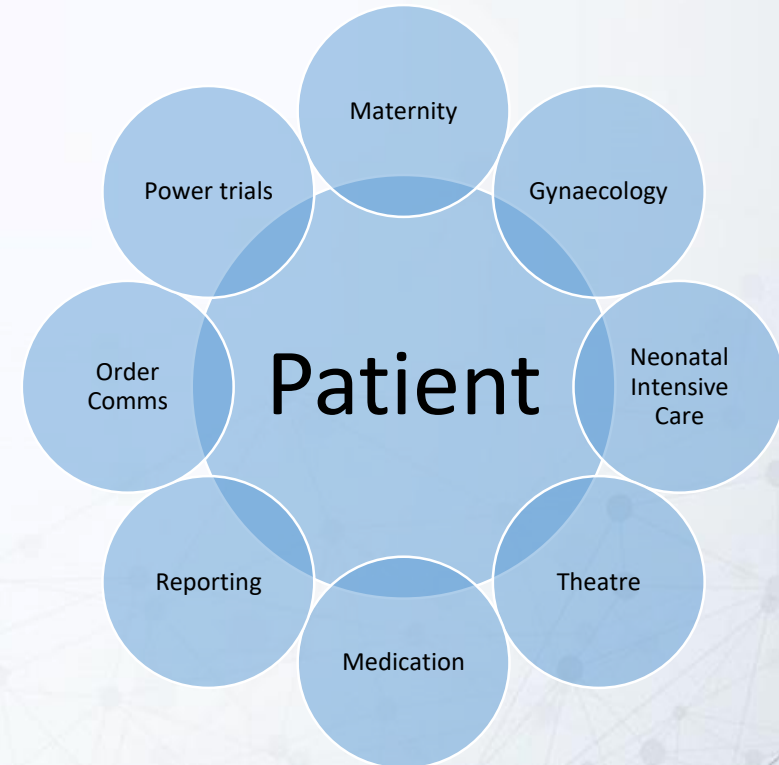


- 40% of live births are on the electronic health record
- 45% of NICU cots are on the electronic health record

MN-CMS Overview

- Improved care of women and babies as a result of better communication to support decision making
- More effective and efficient recording of information reflecting best standards in documentation
- Enhanced clinical audit and research locally as a result of better quality data
- Informed business intelligence that will drive local and national management decisions
- Avoidance of risk/Safer prescribing

Components



Reasons for Disaster Recovery Test



The Patient



Disaster Recovery

What is Disaster Recovery (denoted as DR)

“Disaster recovery is an organization's method of regaining access and functionality to its IT infrastructure after unexpected events such as a natural disasters, (floods or fires)/cyber attacks/terrorists attacks which impact on the Primary Data Centre

***Disaster doesn't wait
for a convenient time
to strike***

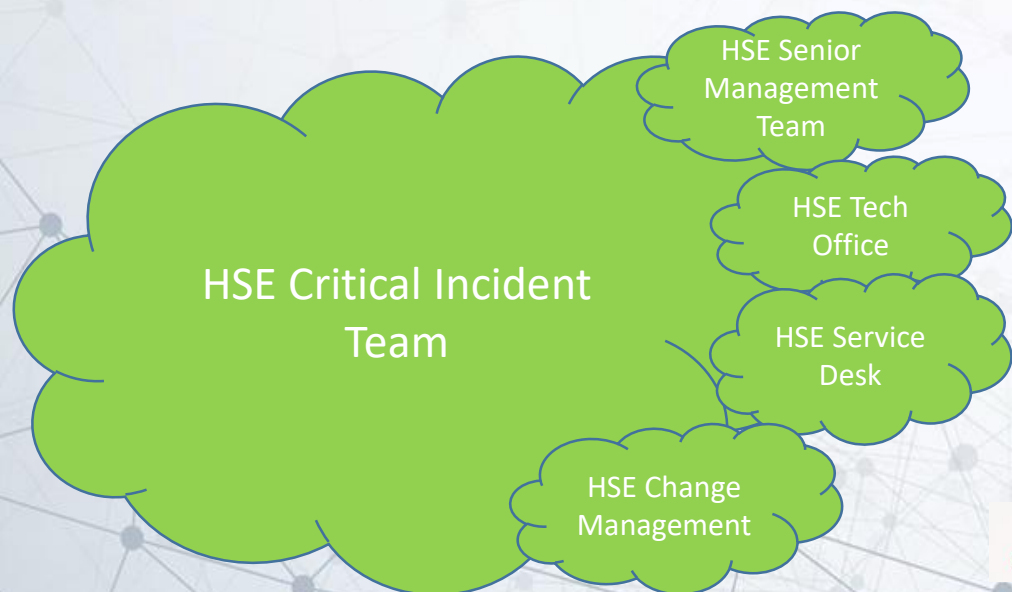
***Activate
Recover
Resume***

MN-CMS Disaster Recovery Test Approach



- Phase 1
 - Technical Test
 - Operational Tasks
- Phase 2
 - Full DR Test including all interfaces, technical tasks and operational tasks

Stakeholders and Communications



Sequence of Events

"I studied and I read books and I watched movies and I talked to people who knew what they were doing, and I practised, just like you are practising, over and over again"



	with MN-CMS and MedLIS	Catherine Jinks	
	Call logged to AMS	Catherine Jinks	
	that connectivity to the Primary Data Centre is not available and HSE should be alerted	Catherine Jinks	
	Call logged to HSE Service Desk, P1, advised of potential critical incident	Catherine Jinks	
23112020	National Back Office call with Clinical Directors appraising of the situation	Catherine Jinks	
23112020 - 13:30	P1 call received by Critical Incident Team. Reviewed accordingly	Colm Quinn	
23112020 - 14:00	Critical Incident Team arrange kick off call, review of stakeholders, agreed major incident	Colm Quinn	
23112020 - 14:00	Disaster Recovery Activation Recommended	CIT	
23112020 - 15:00	DR Activation Approved by CEO	Fran Thompson/Vincent	
24112020 - 08:00	Cerner turn on DR, complete initial tests, handover report to HSE including stats from PROD to DR	Mike Horn Andrey Poleleyev	
24112020 - 09:00	HSE take receipt of DR environment including hand over report	CIT	
24112020 - 09:00	HSE commence testing	Catherine Jinks Thomas Walsh	
	HSE hand back DR environment to Cerner who reinstate with live		

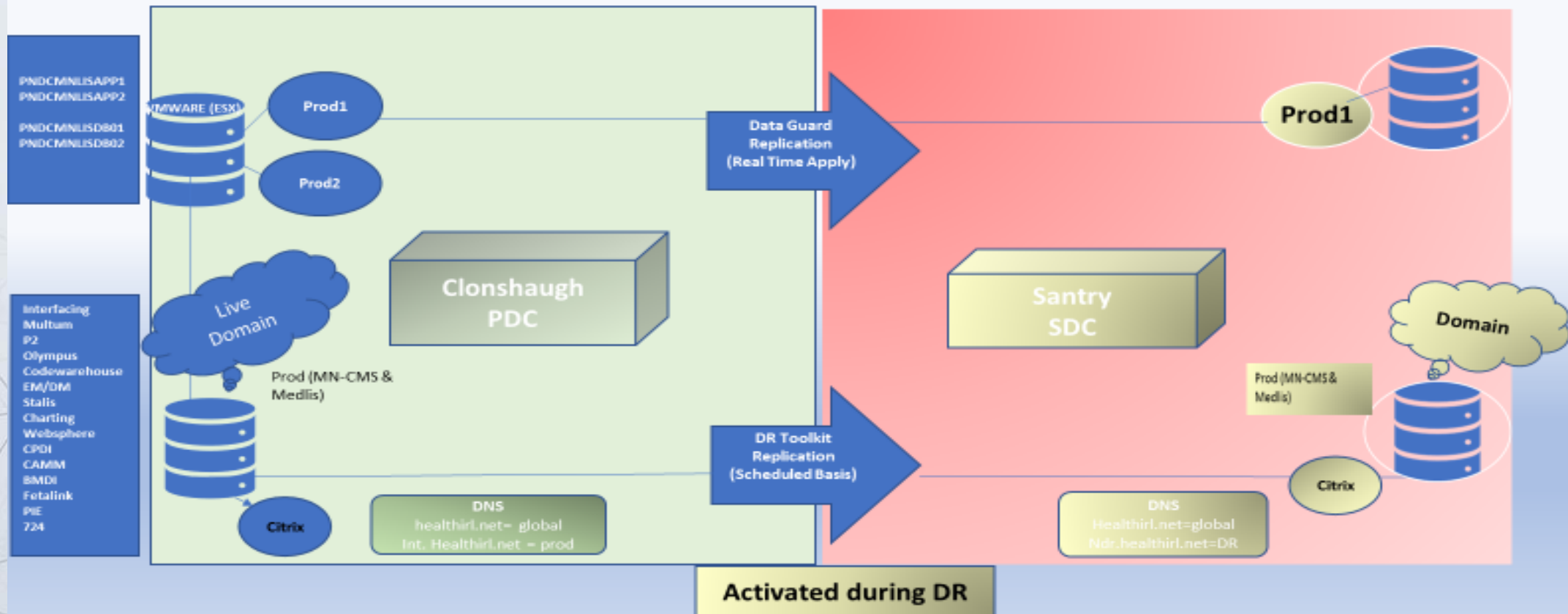
Data Centre Overview



Disaster Recovery

Millennium Primary Data Centre

Millennium Secondary Data Centre



Activated during DR

Lessons Learned



Ensure vendor has a clear plan



Communication



Testing



Design Development

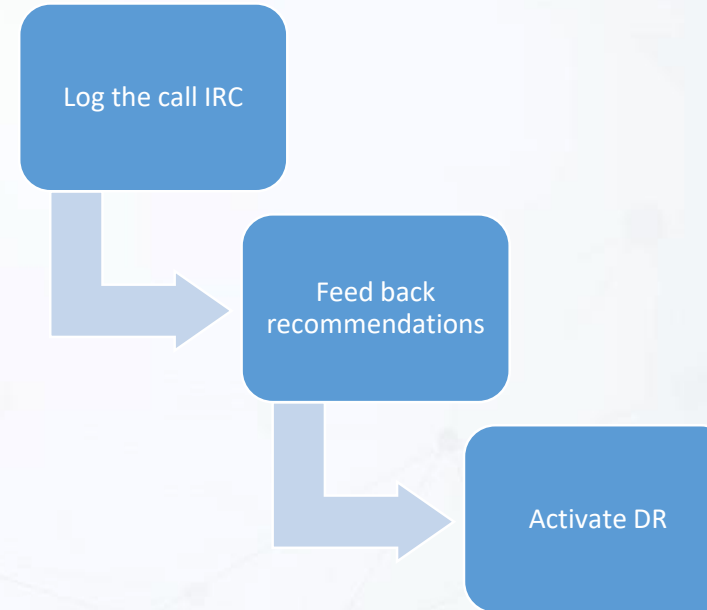


Recap on Key steps to declaring DR

HSE



Cerner



Communicate

“Practice Practice Practice”

Thank you, Questions?

