# MN-CMS EHR FetaLink Upgrade (Nov 2023)

FetaLink is a Maternal and Foetal monitoring system that facilitates the flow of data from bedside medical devices within acute and outpatient settings. The solution documents and provides a graphical display of the relationship between foetal heart rates and contraction data.

**Background**

The MN-CMS EHR FetaLink infrastructure, hardware and code level was end-of-life, out of support and required on-going remedial support.  The FetaLink upgrade was the final step in the Remote Hosted Option (RHO) and Code Upgrade Project.   The completion of the FetaLink project closes the risk around ageing infrastructure which was accepted on to the risk register of the HSE Chief Clinical Officer (CCO) and formally accepted by the CCO and Chief Financial Officer (CFO).

**The FetaLink Upgrade**

The FetaLink Upgrade Project, covered by CCN109, was intended to update the FetaLink solution, which was end of life and out of support, to FetaLink Version 200.07.5; this was a significant upgrade. Itwas primarily composed of technical and testing events which were a necessary piece of work for support, stability, performance, code fixes and future projects. Each Cerner Connectivity Engines (CCE) and unique device type needs to be tested.

The high-level scope of the project included:

* Hardware Upgrade - FetaLink Prod Servers in each of the Sites and FetaLink Non-Prod Servers in the HSE Data Centre (Used for Training and Testing purposes)
* Cerner Connectivity Engines (CCEs) upgrade from CCEs V3 to CCEs V4 (applies to both carts and whiteboards)
* FetaLink Application upgrade to version 200.07.5
* Decommissioning of old servers following go live and a period of stabilisation

Benefits

* Improvements in device Association / Disassociation
* New conflict warning – retrospective association
* ‘Archive View’ enables comparison between current and previously finalised episodes
* Auto Finalise rule - Disassociation when finalising CTG ensures disassociated CTGs are finalised within 24 hours
* PDF enhancements – Foetal hearts tracing for multiple pregnancies are displayed separately.
* CTGs are default stored as a PDF within the patient chart in the MultiMedia Manager section of the Main Menu once they have been archived
* Display is enhanced : border box around historical strips
* Display of containers for alerting locations when viewing 9 monitored locations