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Proof of Concept: *Acute Health Data Enterprise as a Hosted Service*

|| We recently called on our long term partner, Insource, to assist us in migrating our existing enterprise data management framework solution – Acute Health Data Enterprise from an on premise setup to a secure N3 hosted set-up. This project had two goals:

- 1. To act as a Proof of Concept exercise to verify that hosting complex trust systems in the cloud was viable, cost effective, and easy to implement**
- 2. To utilise the latest infrastructure options available in the cloud to get improved performance for the Acute Health Data Enterprise processes.**

After hearing about the good work regarding AIMES and their development of the secure "Health Cloud" services here in Liverpool and in the spirit of partnership and collaboration within our local health economy we felt that AIMES were positioned to provide an optimum service to manage our cloud hosted solution and this would allow us to expand and collaborate further in the future. The fact that AIMES is also an accredited N3 Aggregator was also an important factor in terms of ensuring IG compliance.

Working alongside the team from Insource made the whole process of migrating our existing Acute Health Data Enterprise based solution across to the AIMES hosted platform virtually trouble free and I am pleased to say that the migration was delivered quickly & efficiently with minimum disturbance. The downtime was virtually zero and this whole process has enabled a swift transition to business as usual for us with our Acute Health Data Enterprise software now hosted in the new infrastructure.

The resultant move has had an immediate and significant impact in driving overnight processing times down.

After including some optimisations suggested and implemented by Insource, overnight processing times have been reduced by 60%. This in turn will result in efficiencies going into the future. For instance, I am now expecting that a development project that was budgeted for six months will now be done in three.

The fact that the project has worked flawlessly has vindicated our strategic intent to move our infrastructure over to a hosted solution and has opened up possibilities for other levels of increased benefit and expansion over the coming periods.

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For instance, we will be investigating how using hosting can assist us in strengthening our 'Fair Warning' policies to prevent inappropriate and unlawful accessing of patient data.

As part of the Acute Health Data Enterprise software migration we also took the opportunity to upgrade from version 3.1 to version 3.2. This again went flawlessly, which is no mean feat when you consider the absolute scale and complexity of the software and is testament to Insource's unique technology. The upgrade process was pain free; all our local customisation and configuration settings were preserved across the upgrade; no rework or reimplementations were needed.

Version 3.2 of Acute Health Data Enterprise contains many new features, specifically incremental processing. We are looking at implementing

incremental processing very shortly as this technology will reduce build times even further, a really necessary feature as we are expanding the width of the Acute Health Data Enterprise data management suite with the addition of new data sources on an almost weekly basis. The infrastructure scalability that hosting solutions provide will further underpin this expansion.

Hosting enterprise data management solutions within a secure N3 connection is not something that is simple or trouble free. As an organisation that prides itself on being leaders in its field, we wanted to establish the truth. We had the confidence that Insource and AIMES teams would work well together, and, as always, that Insource's product suite would perform well in the AIMES environments, and they did. //

