**NHS Hampshire**

| Project name | Hampshire health record | Project manager | Toby Cave |
|---|---|---|---|
| Date of report | 02 April 2012 | Period covered by this report | 01 Feb 2012 to 01 Apr 2012 |
| Author | Toby Cave | Distribution | HHR board + stakeholders |
| Document name | HLT HHR NHSH 20120401.doc | | |

## 1.1  Progress summary

| | RAG | Status 31 Jan 2012 | Status 1 Apr 2012 |
|---|---|---|---|
| **HHR** | | | |
| GP feeds | ⬌ | 161 practices signed up (77%) <br> 144 practices uploading (69%) | No change |
| Users | ⬌ | 627 regular users | 603 regular users |
| HHR Version 2 upgrade | ⬌ | V2 migration remains on track for August 2012 | Pre migration server build complete, SSL and URL architecture taking longer to complete than anticipated. |
| Provider feeds | ⬆ | Southern health RiO phase 1 UAT and clinical sign off complete <br> Southern health RiO phase 2 spec complete, to sign off. | |
| **HHR analytics** | | | |
| HHR analytics | ⬆ | Following introduction of the new HHRA server several data quality points have been raised and are being resolved. | |
| **HHR CAFA** | | | |
| Social Care Feeds | ⬆ | **Swift (HCC)** - Submission of detailed Functional brief to Graphnet. - Initial Swift extract build. <br><br> **PARIS (SCC)** - SCC Adult Services IG Sign-off for development.  - First draft of Functional brief prepared. | **Swift (HCC)** Continued build of Swift extract and development of connectivity to HHR. <br><br> **PARIS (SCC)** - Further draft of Functional brief  being written to detail technical requirements following Business sign-off and review of PARIS data items for submission to Graphnet.  Initial work re PARIS data extraction and HHR connectivity underway with SCC IT provider. <br><br> **DIGITAL PENS (HCC)** – feed implemented, in testing. |
| CAFA Developments | ⬆ | Detailed specifications ordered and awaiting delivery from Graphnet. <br><br> First Citizen workshop held.  Graphnet to provide specification and wireframe for second workshop in late January. | 4 developments delivered and initially tested – fault list supplied to Graphnet and awaiting fixes / response. Further 3 still requiring further clarification from Graphnet before order for development can be placed. <br><br> Citizen Access presentation to be made to Overview Groups re concepts and principles using Graphnet demonstration mock-up. |

## 1.2  Activities in period covered

| Activity | Feb / Mar | April tasks |
|---|---|---|
| **GP feeds** | | |
| Practice road shows | No additional practices signed up; steady at 77% | |
| Incompatible systems | Awaiting Graphnet response for TPP feed and emis web. | |
| **Increase users** | | |
| PHT | Account provisioning process agreed with IPHIS, 27 staff contacted, 5 responded. Work underway to include in ACE account provisioning tool. SSO to the HHR from Sentillion work scheduled | SSO Sentillion at PHT <br> ACE account provisioning configuration |

| | for 9th April | |
|---|---|---|
| SUHT | 27 SUHT Pathology staff set up with access to the HHR however seldom used | To investigate |
| HHNFT | Winchester site: Evidian SSO now working with HHR. Account provisioning process to be set up<br><br>Basingstoke site: Network issues still preventing access. ICT advise clinical rep required for SSO and account provisioning. | To follow up |
| SHNFT | Southern health planning major roll out to staff in 2012. | Meet with SH team to ensure HHR team can support account provisioning processes. |
| Bournemouth | 6 pharmacists at Bournemouth set up. Mostly using HHR, feedback is positive | |
| **Provider feeds** | | |
| Southern health RiO | End to end testing and UAT complete. | Make live |
| Solent health | Technical discussions held, RiO feed to be set up post data warehousing project, - Autumn 2012 | |
| **V2 upgrade** | | |
| The pre migration server build is complete, with design of URLs and SSLs to allow for testing and a future test environment. Planning of testing SSO, data migration and feeds testing to commence. | | |
| Pre migration server | Hardware build complete, SSL certificates on order.<br><br>Additional storage for HHRv2 ordered | Install SSL certificates |
| Testing SSO | SUHT - have started testing, however will only be able to complete when SSLs for pre-migration sever complete.<br><br>Adastra OOHs – requirement to upgrade Adastra systems, and for staff to use PDS lookup. | Inform sites when SSL certificate and URLs complete.<br><br>Assistance being provided to Adastra staff on use of PDS trace. |
| Testing Acute feeds | Investigation highlighted that it may be difficult to test some of these feeds where the technical architecture does not lend itself to sending feeds to two separate HHR databases. | Toby and Rory to compile a test plan |
| Testing GP feeds | Proposal to test from imported file to HHRa, ie split at the current live interface engine to test feed to pre-migration server. | Toby and Rory to compile a test plan |
| Testing data migration | Successful rebulk of Exeter data and new PMI feed.<br><br>Following discussions with Birmingham PCT, Bill to clean up some of the user account data around user groups, roles and role based access. | Test plan, plus user data clean up. |
| **HHR analytics (including data quality)** | | |
| Following introduction of the new HHRA server the SHIP analysts have been able to analyse the HHR data and raised a number of points around data quality. Points may be in relation to coding practice, processing and may affect either the HHR clinical system or the HHR analytics database or both. Each of these points has been logged in the HHR risk log for resolution. | | |
| **CAFA** | | |
| Swift (HCC) | HCC Adult Services completing Data Sharing Agreement. | Awaiting confirmation from Graphnet re delayed build start. Continued build of Swift extract and development of connectivity to HHR. |
| PARIS (SCC) | Further draft of Functional brief being written to detail technical requirements following Business sign-off and review of PARIS data items for submission to Graphnet. Initial work re PARIS data extraction and HHR connectivity underway with SCC IT provider. | |

| DIGITAL PENS (HCC) | Implemented, testing underway | Complete testing |
|---|---|---|
| Developments | 4 developments delivered and initially tested – fault list supplied to Graphnet and awaiting fixes / response. Further 3 still requiring further clarification from Graphnet before order for development can be placed.<br><br>Citizen Access presentation to be made to Overview Groups re concepts and principles using Graphnet demonstration mock-up. | |
| **Information governance review – policies and procedures** | | |
| Following the IG review the HHR operational team have completed the "housekeeping" in consolidation and documenting HHR policies and procedures relating to the HHR. This is currently with Kathryn Long SHIP IG manager for review. | | |

## 1.3 Issues and risks (now including data quality)

| Issue No. | Risk type | Description | Impact | Risk rating | Resolution |
|---|---|---|---|---|---|
| HHR19 | Data quality HHRc & HHRa | INPS date format issue on 8 practices | some date fields from this practice are being recorded as 1900 - 1910 | 5 | Graphnet have solution, mostly fixed, additional checking required. |
| HHR21 | Data quality HHRc & HHRa | Some read codes by some practices used in correctly, eg excessively high BMI | Data makes little sense in a clinical setting | 10 | Analysis complete, meeting with LMC to discuss 18th April |
| HHR23 | Data quality HHRa | Assignment of practice incorrect for some records on HHRA PMI | HHRA issue only | 5 | MR to investigate |
| HHR24 | Data quality HHRc & HHRa | Incomplete extract of records from some practices | Affects visibility of data in Clinical and HHRA | 5 | Recheck following PMI rebulk |
| HHR25 | V2 migration | SSL and URL architecture taking longer than anticipated | potential delay to HHRv2 ugprade | 8 | Now resolved |
| HHR26 | Data quality HHRc & HHRa | Incorrect read code values eg BMI, blood pressure | undermines accuracy of analysis. Potential for clinical impact. | 10 | Analysis complete, meeting with LMC to discuss 18th April |
| HHR27 | Data quality HHRa | Pathology and radiology coding systems differ in PHT / SUHT | Impact on HHRA only. | 5 | MD and Hugh to discuss, may be requirement to hold separately, but knowledge of which code used for specific purpose. |
| HHR28 | Data quality HHRa | Changes to path labs and radiology (Haslar) | Impact on HHRA only. ? Around how to use historical data | 5 | HS to raise with analysis group for a view on priority |
| HHR29 | Data quality HHRa | Failure of feeds in past may leave gaps in data | Only affects hospital data, not GPs. Little HHR clinical impact. Significance. In the past 3 years | 3 | MD to run a query to identify any gaps, taking into account long weekends. Then make analysts aware of any issues. |
| HHR30 | Data quality HHRa | Variations in providers use of OP / DC procedures (SUS) | Impact on HHRA only. | 3 | Being investigated by Vicky Spark, to update MD |
| HHR31 | Data quality HHRa | Lack of NHS nos for certain procedures (terminations) (SUS) | Impact on HHRA only. | 3 | Being investigated by Vicky Spark, to update MD |
| HHR32 | Data quality HHRa | Duplicate records from some providers (SUS) | Impact on HHRA only. | 3 | Being investigated by Vicky Spark, to update MD |