Dumfries and Galloway
IJB Audit and Risk Committee

11th March 2021

This Report relates to
Item 9 on the Agenda

DGC & NHS JOINT DATA SHARING SOLUTION
An Update

Paper presented by Graham Gault

For Noting

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List of Background Papers:	Please add hyperlinks if available
Appendices:	**Appendix 1** - DGC outline summary of progress against actions

1. Introduction

1.1 This paper has been prepared by Graham Gault, General Manager ICT NHSDG and Graeme McIlorum, Business & Technology Solutions Manager, to brief the IJB Audit and Risk Committee on progress of a data sharing solution to enable practitioners to see share information held by each organisation with a view of delivering and improved service to clients.

2. Recommendations

2.1 **The IJB Audit and Risk Committee is asked to:**

- **Note the further delay in progress resulting from the Covid Pandemic;**
- **Note the progress, although limited that has been made to share data within the H&SC Portal.**
- **To note position of work remaining to be auctioned post COVID as shown in Appendix 1.**
- **Note the change of direction for Data Sharing with the current review of Home Teams processes.**

3. Summary of Progress

3.1 Data Sharing Agreement

3.2 An updated data sharing agreement to reflect the 2nd level (2nd of potentially 4) of agreed data items is now completed and agreed between organisations and signed off at an appropriate level. This additional information sharing will be implemented as part embedding information within systems. **COMPLETE.**

3.3 FTP Transfer Facility for Manual Data sharing

3.4 Both NHS and DGC technical teams have established a technical solution and is secure for manually transferring data files between the two Organisations**. COMPLETE.**

3.5 CHI File Matching

3.6 Following the original data matching exercise in March 2020 to provide CHI numbers for Mosaic records, thus enabling data transfer, the progression to automated matching has been delayed by the COVID pandemic. This has now resumed, however a problem with duplicate records is currently being addressed. **ONGOING**.

3.7 Data Extract

3.8 Once file matching using CHI numbers is completed, a data extract, as reflected in the ISP, will be made from MOSAIC and manually transferred via FTP secure file transfer to the NHS for publishing in the H&SC Portal. The frequency of the manual data uploads (Daily/weekly) will be determined by the staff/practitioners to ensure the data remains relevant and useful. This will be replaced by automated transfer. **ONGOING**

3.9 Roll out/ Training

3.10 The Rollout of the Shared H&SC PORTAL has already been completed to over 150 Social Work Staff. Where necessary a small number of NHS staff have direct access
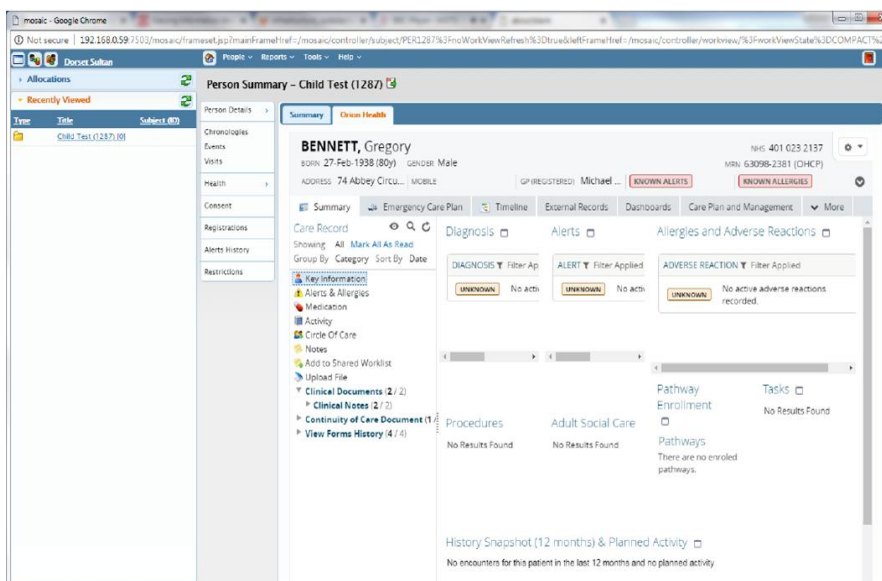
to social work data via MOSAIC. Once the manual data extract is in place a communications exercise will be initiated to make NHS staff aware that Social Work data is now available through the portal. **COMPLETE**

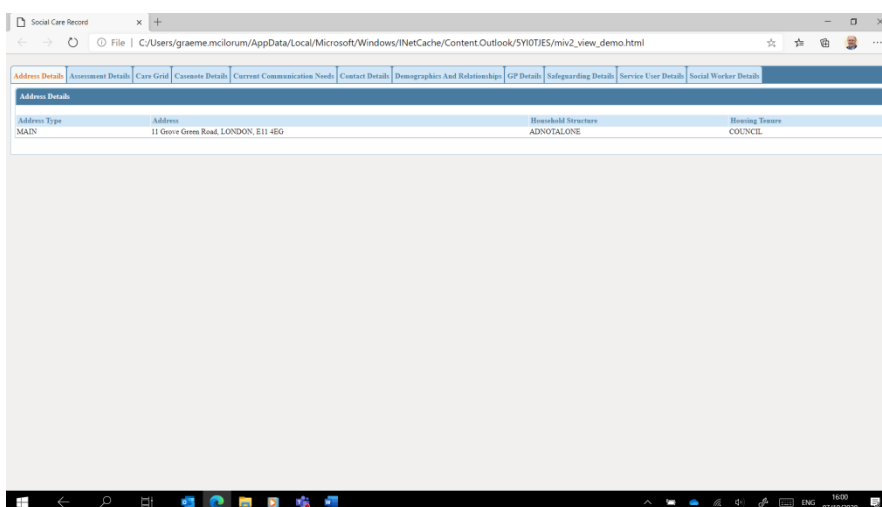3.11   Automation of the data extract and embedding within systems.

3.12   A Mosaic upgrade was undertaken by DGC in October 2020. This will provide the opportunity to provide a real-time view only of data sharing between NHS and SW data.

3.13   This will see the relevant data embedded in each organisations prime system ie DGC will see NHS information with Mosaic, and SW data will be available in NHS Portal. Work on this is currently progressing with test system data being used to validate the process. By end March 2021 this work will be completed.

3.14   NHS data in Mosaic

3.15   SW data in NHS Portal

3.16   General Feedback

3.17   Feedback from the staff on the ground is that this facility for accessing NHS and Social Care Data is becoming critical to allow them to do their job in a joined up

delivery model.

3.18   To support the future as part of remobilisation of services post COVID, Home Teams have already identified how essential this information is and how important this work is to its overall success.

3.19   <u>Going forward</u>

3.20   The new HOME TEAMS strategic initiative is now being discussed where integration of NHS and SW Data is being formally reviewed. Once this is complete a workshop will take place to assess how the ICT in both Organisations will address the needs.

3.21   An outline plan is attached in **Appendix 1** to show the proposed progress and outstanding actions.

4. Conclusions

- Progress against the initial developments have been made despite the delays due to the Pandemic.
- There is still a need to secure data transfers from Mosaic to be available within the H&SC Portal.
- The work to provide look up of real time date between H&SC Portal and Mosaic is currently being tested.
- Home Teams review will influence the direction of travel for this work going forward.

5. Resource Implications

5.1   A new system may be proposed to meet the needs for Data sharing as required by the HOME TEAMS review.

5.2   At this time until the review concludes the requirements for budget has not been determined.

6. Impact on Integration Joint Board Outcomes, Priorities and Policy

6.1   None envisaged.

7. Legal and Risk Implications

7.1   None envisaged.

Appendix 1

Programme / Project	Current Position	Status	Progress	Actual Start Date	Original Due Date	Current Due Date	Update Note
Information Sharing Protocol	✅ Completed	✅ Completed	100%	Apr 19	Sep 19	Dec 19	ISP reworked to meet new SG guidelines
ISP Data Sharing 1 – Basic level	✅ Completed	✅ Completed	100%	Dec 19	Jan 20	Jan 20	Basic level 1 information agreed
DGC Access to NHS Portal	✅ Completed	✅ Completed	100%	Nov 19	Dec 19	Dec 19	DGC staff enabled to access orion directly
CHI Number – Initial Manual Matching	✅ Completed	✅ Completed	100%	Nov 19	Dec 19	Dec 19	Initial manual seeding of CHI number into Mosaic to enable cross referencing between systems
NHS Access to Mosaic	✅ Completed	✅ Completed	100%	Nov 19	Dec 19	Dec 19	NHS staff enabled to access Mosaic directly
ISP Data Sharing 2 – Intermediate level	✅ Completed	✅ Completed	100%	Jan 20	Feb 20	Feb 20	Level 2 data agreed to support use of more detailed information by practitioners
Test: CHI Number – automatic matching	🔴 Late by 2 weeks or more	⚠️ Check Progress	82%	Apr 20	Jul 20	Nov 20	Develop solution to auto match CHI to Mosaic records. Currently issues with duplicate records
Test: Mosaic data embedded in Orion	▶️ On Schedule	▶️ In Progress	59%	Aug 20	Oct 20	Dec 20	Test functionality to embed Mosaic into Orion
Test: Orion data embedded in Mosaic	▶️ On Schedule	▶️ In Progress	20%	Aug 20	Oct 20	Dec20	Test functionality to embed Orion data into Mosaic
CHI Number -Sharing Solution Implemented	🔴 Late by 2 weeks or more	▶️ Assigned	6%	Sep 20	Sep 20	Noc 20	Agreed CHI matching solution implemented
Mosaic System Upgrade	✅ Completed	✅ Completed	100%	Oct 20	Oct 20	Nov 20	To enable automated embedded data sharing, practitioner portal and self directed support
Test: Mosaic System – Practitioner Testing	▶️ Not Started	▶️ Assigned	0%	Oct 20	Nov 20	Jan21	Functional & configuration testing of upgraded system
Test: Embedded data with 'real' information	▶️ Not Started	▶️ Assigned	0%	Nov 20	Dec 20	Dec 20	Test functionality with 'real' data in test systems
'Go Live' with embedded data sharing	▶️ Not Started	⚠️ Unassigned	0%	Dec 20	Dec 20	Dec 20	Migrate solution to Live environment

Programme / Project	Current Position	Status	Progress	Actual Start Date	Original Due Date	Current Due Date	Update Note
Practitioner Acceptance testing	▶ Not Started	▶ Assigned	0%	Jan 21	Feb 21	Feb 21	Functionality and data availability test by practitioners
Data provision review – level 2	▶ Not Started	▶ Assigned	0%	Feb 21	Mar 21	Mar 21	Consideration of suitability of Level 2 data for operational use
Further functionality specification	▶ Not Started	⚠ Unassigned	0%	May 21			Determination of additional functionality needed for service delivery
ISP Data Sharing 3 – detailed level	▶ Not Started	⚠ Unassigned	0%	May 21			Level 3 Appendix to ISP document
Data Provision review – level 3	▶ Not Started	⚠ Unassigned	0%	Aug 21			
Additional functionality implementation	▶ Not Started	⚠ Unassigned	0%	Aug 21			