The final part of the SAN upgrade (started last summer) is due to take place during the back end of 2009.

This entails the following:

- Increasing the storage capacity at Oldham and Barnsley so that staff and students are able to benefit from the same disk space allocation as at Queensgate.

- Replacement of SAN ‘switches’ which allow connectivity from servers to the storage on the SAN. These are 6 years old and are out of warranty on 30 September 2009.

- Replacement or addition to backup devices. This may involve the purchase of a new tape library or a disk based library with de-duplication technology to help us backup the large amounts of data we now possess.

**Timescales**

**Before end of Sep 2009:**

1. Replace the switches. This involves installing the new switches in each of our data centres alongside the existing ones and gradually moving servers over to them. This will mean short outages for each of the SAN connected servers but this can be done early morning or on a weekend.

2. Increase storage capacity for Oldham and Barnsley staff and students.

**Before end of 2009:**

3. Implement new backup strategy.