

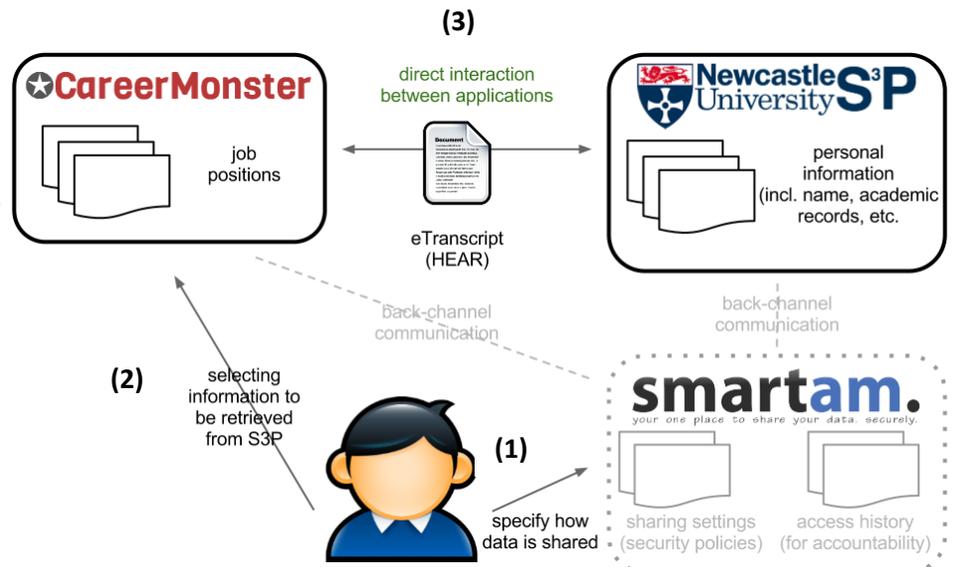
SMART Access Management Suite for Higher Education

SMART Access Management Suite is a comprehensive solution for authentication and authorization on the Web, which is based on open security standards. It has been developed at Newcastle University with focus on academia requirements, to give individuals such as students, staff and researchers the necessary flexibility in controlling access to their educational resources. These resources include any data available online: HEAR-formatted documents, University personal information, calendars, among others. Data consumers: future employers, career services or universities benefit from having access to up-to-date information without contacting university's administration.

Example Scenario (graduate applies for a job):

John, a recent graduate from Newcastle University, is looking for his first graduate job. He finds a great job position on the CareerMonster website. John fills in all the required details using the application form. During the last step of the application, John has to provide a transcript of records from his university.

1. John goes to the Newcastle University S3P Portal. This portal has been integrated with the SMART AM system. With only few clicks, he defines simple sharing settings that specify CareerMonster as the client allowed to read his university records.
2. John copies a Web link of his transcript to the CareerMonster job application form and clicks on the "Import Transcript of Records" button.
3. CareerMonster obtains a trustworthy "Transcript of Records" document directly from the Newcastle University S3P Portal. SMART AM mediates the process in the background. It authorizes the request for data and allows access to John's transcript of records. John's transcript of records.



Business Case:

save time and money by replacing manual and paper-based processes of issuing certified documents and students' educational information

give academics the required flexibility in managing access to their Higher Education achievement reports (HEARs)

give academics a unified view of what information is revealed to which parties, and for what purposes

allow third party services e.g.: employers, career services or research institutes to continuous access the most up-to-date record of students' and graduates' data.

enable access control to any document accessible from the Internet

rely on secure and widely adopted open web standards: OAuth, OpenID and User Managed Access

access history to university's data for accountability and audit purposes using the provided management console